## 1. Adaptive moving shadows detection using local neighboring information

Wang, Bingshu (School of Electronic and Computer Engineering, Shenzhen Graduate School of Peking University, Shenzhen, China); Yuan, Yule; Zhao, Yong; Zou, Wenbin **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10117 LNCS, p 521-535, 2017, *Computer Vision - ACCV 2016 Workshops, ACCV 2016 International Workshops, Revised Selected Papers*
**Database:** Compendex
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## 2. Matrix completion based direction-of-Arrival estimation in nonuniform noise

Liao, Bin (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Guo, Chongtao; Huang, Lei; Wen, Jun **Source:** *International Conference on Digital Signal Processing, DSP*, p 66-69, March 1, 2017, *Proceedings - 2016 IEEE International Conference on Digital Signal Processing, DSP 2016*
**Database:** Compendex
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## 3. Computing the personalized HRTFs based on weighted anthropometric parameters matching

Yuan, Xiang (Shenzhen University, China); Zheng, Nengheng; Cai, Sudao **Source:** *INTER-NOISE 2017 - 46th International Congress and Exposition on Noise Control Engineering: Taming Noise and Moving Quiet*, v 2017-January, 2017, *INTER-NOISE 2017 - 46th International Congress and Exposition on Noise Control Engineering: Taming Noise and Moving Quiet*
**Database:** Compendex
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## 4. Hybrid one-class collaborative filtering for job recommendation

Liu, Miao (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Zeng, Zijie; Pan, Weike; Peng, Xiaogang; Shan, Zhiguang; Ming, Zhong **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10135 LNCS, p 267-276, 2017, *Smart Computing and Communication - 1st International Conference, SmartCom 2016, Proceedings*
**Database:** Compendex
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## 5. Time-slotted interactive multiple-input multiple-output radar for phase synchronisation at target with low overhead

Zhang, Li (College of Information Engineering, Shenzhen University, Shenzhen, China); Xie, Ning; Zhang, Li; Wang, Hui **Source:** *IET Radar, Sonar and Navigation*, v 11, n 9, p 1435-1443, September 1, 2017
**Database:** Compendex
Compilation and indexing terms, Copyright 2018 Elsevier Inc.
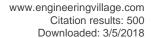**Data Provider:** Engineering Village

## 6. A Trellis Error Modeling Approach to Decoding Distributed Turbo Codes

Qian, Bin (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Mow, Wai Ho **Source:** *IEEE Transactions on Wireless Communications*, v 16, n 8, p 4894-4907, August 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 7. Production of high-angular-momentum electron beams in laser-plasma interactions

Ju, L.B. (Graduate School, China Academy of Engineering Physics, Beijing; 100088, China); Zhou, C.T.; Huang, T.W.; Jiang, K.; Zhang, H.; Wu, S.Z.; Qiao, B.; Ruan, S.C. **Source:** *Physical Review E*, v 95, n 5, May 9, 2017
**Database:** Compendex
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## 8. A Locality-Constrained and Label Embedding Dictionary Learning Algorithm for Image Classification

Li, Zhengming (Bio-Computing Research Center, Shenzhen Graduate School, Harbin Institute of Technology, Shenzhen; 518055, China); Lai, Zhihui; Xu, Yong; Yang, Jian; Zhang, David **Source:** *IEEE Transactions on Neural Networks and Learning Systems*, v 28, n 2, p 278-293, February 2017
**Database:** Compendex
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## 9. A Broadband Antenna Array Using Full-Wave Dipole

Sun, Guang-Hua (School of Electronic and Information Engineering, South China University of Technology, Guangzhou; 510640, China); Wong, Sai-Wai; Wong, Hang **Source:** *IEEE Access*, v 5, p 13054-13061, June 20, 2017
**Database:** Compendex
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## 10. Polarization multiplexing in large-mode-area waveguides and its application to signal enhancement in multiphoton microscopy

He, Jiexing (Key Laboratory of Optoelectronic Devices and Systems, Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Wang, Yuxin; Wen, Wenhui; Wang, Kai; Liu, Hongji; Qiu, Ping; Wang, Ke **Source:** *Applied Physics Letters*, v 110, n 4, January 23, 2017
**Database:** Compendex
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## 11. Transfer learning for behavior ranking

Pan, Weike (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Yang, Qiang; Duan, Yuchao; Tan, Ben; Ming, Zhong **Source:** *ACM Transactions on Intelligent Systems and Technology*, v 8, n 5, June 2017
**Database:** Compendex
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## 12. New insights into comparison between synthetic and practical municipal wastewater in cake layer characteristic analysis of membrane bioreactor

Zhou, Lijie (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Zhuang, Wei-Qin; Wang, Xin; Yu, Ke; Yang, Shufang; Xia, Siqing **Source:** *Bioresource Technology*, v 244, p 934-940, November 2017
**Database:** Compendex
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## 13. Ptrack: A RFID-based tracking algorithm for indoor randomly moving targets

Feng, Gang (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Li, Jian-Qiang; Luo, Chengwen; Ming, Zhong **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10135 LNCS, p 144-153, 2017, *Smart Computing and Communication - 1st International Conference, SmartCom 2016, Proceedings*
**Database:** Compendex
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## 14. Discovering hierarchical subgraphs of K-core-truss

Li, Zhen-jun (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Zhang, Wei-Peng; Li, Rong-Hua; Guo, Jun; Huang, Xin; Mao, Rui **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10569 LNCS, p 441-456, 2017, *Web Information Systems Engineering – WISE 2017 - 18th International Conference, Proceedings*
**Database:** Compendex
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## 15. Examining environmental management of e-waste: China's experience and lessons

Zeng, Xianlai (State Key Joint Laboratory of Environment Simulation and Pollution Control, School of Environment, Tsinghua University, Beijing; 100084, China); Duan, Huabo; Wang, Feng; Li, Jinhui **Source:** *Renewable and Sustainable Energy Reviews*, v 72, p 1076-1082, 2017
**Database:** Compendex
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## 16. Multi-Manifold Locality Graph Embedding Based on the Maximum Margin Criterion (MLGE/MMC) for Face Recognition

Wan, Minghua (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Lai, Zhihui **Source:** *IEEE Access*, v 5, p 9823-9830, 2017
**Database:** Compendex
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## 17. Early Detection and Assessment of Liver Fibrosis by using Ultrasound RF Time Series

Lin, Chun-Yi (School of Electronic and Information Engineering, South China University of Technology, Guangzhou; 510641, China); Yi, Ting; Gao, Yong-Zhen; Zhou, Jian-Hua; Huang, Qing-Hua **Source:** *Journal of Medical and Biological Engineering*, v 37, n 5, p 717-729, October 1, 2017
**Database:** Compendex
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## 18. Automated specification inference in a combined domain via user-defined predicates

Qin, Shengchao (School of Computing, Teesside University, Tees Valley, TS1 3BX, United Kingdom); He, Guanhua; Chin, Wei-Ngan; Craciun, Florin; He, Mengda; Ming, Zhong **Source:** *Science of Computer Programming*, v 148, p 189-212, November 15, 2017
**Database:** Compendex
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## 19. An empirical study of multifactorial PSO and multifactorial de

Feng, L. (College of Computer Science, Chongqing University, China); Zhou, W.; Zhou, L.; Jiang, S.W.; Zhong, J.H.; Da, B.S.; Zhu, Z.X.; Wang, Y. **Source:** *2017 IEEE Congress on Evolutionary Computation, CEC 2017 - Proceedings*, p 921-928, July 5, 2017, *2017 IEEE Congress on Evolutionary Computation, CEC 2017 - Proceedings*
**Database:** Compendex
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## 20. A novel uniplanar antenna with dual wideband characteristics for tablet/laptop applications

Sim, Chow-Yen-Desmond (Department of Electrical Engineering, Feng Chia University, Taichung, Taiwan); Chen, Chih-Chiang; Li, Che-Yu; Ge, Lei **Source:** *International Journal of RF and Microwave Computer-Aided Engineering*, v 27, n 9, November 2017
**Database:** Compendex
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## 21. Blind image quality evaluation using the conditional histogram patterns of divisive normalization transform coefficients

Chu, Ying (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, Guangdong; 518060, China); Mou, Xuanqin; Yu, Hengyong **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 10396, 2017, *Applications of Digital Image Processing XL*
**Database:** Compendex
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## 22. Spin switch in iron phthalocyanine on Au(111) surface by hydrogen adsorption

Wang, Yu (Institute for Advanced Study, Shenzhen University, Shenzhen; 518060, China); Li, Xiaoguang; Zheng, Xiao; Yang, Jinlong **Source:** *Journal of Chemical Physics*, v 147, n 13, October 7, 2017
**Database:** Compendex
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## 23. Two-photon excited fluorescence imaging of blood flow in live mouse dorsal skin window chamber model

Yang, Shaozhuang (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen, Guangdong Province; 518060, China); Peng, Xiao; Wang, Qi; Yan, Wei; Yu, Bin; Gao, Jian; Liu, Liwei; Chen, Bingling; Qu, Junle **Source:** *Optics InfoBase Conference Papers*, v Part F70-PIBM 2017, 2017, *International Conference on Photonics and Imaging in Biology and Medicine, PIBM 2017*
**Database:** Compendex
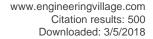Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 24. Improving land use/land cover classification by integrating pixel unmixing and decision tree methods

Yang, Chao (Key Lab. for Geo-Environmental Monitoring of Coastal Zone of the National Admin. of Surveying, Mapping and GeoInformation and Shenzhen Key Laboratory of Spatial Smart Sensing and Services, Shenzhen University, Shenzhen; 518060, China); Wu, Guofeng; Ding, Kai; Shi, Tiezhu; Li, Qingquan; Wang, Jinliang **Source:** *Remote Sensing*, v 9, n 12, December 1, 2017
**Database:** Compendex
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## 25. Incorporating Diversity and Informativeness in Multiple-Instance Active Learning

Wang, Ran (College of Mathematics and Statistics, Shenzhen University, Shenzhen; 518060, China); Wang, Xi-Zhao; Kwong, Sam; Xu, Chen **Source:** *IEEE Transactions on Fuzzy Systems*, v 25, n 6, p 1460-1475, December 2017
**Database:** Compendex
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## 26. A polarization reconfigurable magneto-electric dipole antenna

Ge, Lei (Shenzhen University, Shenzhen; 518000, China); Dong, Zheng; Zhang, Dengguo **Source:** *2017 International Applied Computational Electromagnetics Society Symposium in China, ACES-China 2017*, September 26, 2017, *2017 International Applied Computational Electromagnetics Society Symposium in China, ACES-China 2017*
**Database:** Compendex
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## 27. A Hybrid-Excited Vernier Permanent Magnet Machine Using Homopolar Topology

Li, Wenlong (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Ching, T.W.; Chau, K.T. **Source:** *IEEE Transactions on Magnetics*, v 53, n 11, November 2017
**Database:** Compendex
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## 28. Combining optical imaging and pharmacological methods to localize N-methyl-D-aspartate glutamate receptors in a stomach wall

Golovynska, Iuliia (College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Beregova, Tatiana V.; Falalyeyeva, Tatiana M.; Golovynskyi, Sergii; Qu, Junle; Ohulchanskyy, Tymish Y. **Source:** *Optics InfoBase Conference Papers*, v Part F70-PIBM 2017, 2017, *International Conference on Photonics and Imaging in Biology and Medicine, PIBM 2017*
**Database:** Compendex
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## 29. High-absorption recyclable photothermal membranes used in a bionic system for high-efficiency solar desalination: Via enhanced localized heating

Liu, Zhipeng (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen, China); Yang, Zhenjie; Huang, Xichong; Xuan, Chaoyan; Xie, Jiahui; Fu, Huide; Wu, Qixing; Zhang, Junmin; Zhou, Xuechang; Liu, Yizhen **Source:** *Journal of Materials Chemistry A*, v 5, n 37, p 20044-20052, 2017
**Database:** Compendex
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## 30. H-plane cross-shaped waveguide circulator in magneto-photonic crystals with five ferrite posts

Wang, Yong (College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Zhang, Dengguo; Xu, Shixiang; Xu, Biaogang; Dong, Zheng **Source:** *Chinese Optics Letters*, v 15, n 11, November 10, 2017
**Database:** Compendex
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## 31. Unequal error protected bitplanes improve the robustness of wireless holographic image communications

Huo, Yongkai (College of Computer Science and Software Engineering, Shenzhen University, China); Naughton, Thomas J.; Hanzo, Lajos **Source:** *Optics InfoBase Conference Papers*, v Part F47-DH 2017, 2017, *Digital Holography and Three-Dimensional Imaging, DH 2017*
**Database:** Compendex
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## 32. Learning Music Emotions via Quantum Convolutional Neural Network

Chen, Gong (Department of Computing, The Hong Kong Polytechnic University, Hong Kong); Liu, Yan; Cao, Jiannong; Zhong, Shenghua; Liu, Yang; Hou, Yuexian; Zhang, Peng **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10654 LNAI, p 49-58, 2017, *Brain Informatics - International Conference, BI 2017, Proceedings*
**Database:** Compendex
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## 33. The effect of different internet slang styles on brand personality and ad persuasion

Liu, Shixiong (Shenzhen University, China); Wang, Yao; Yu, Shubin **Source:** *Advances in Transdisciplinary Engineering*, v 5, p 197-204, 2017, *Transdisciplinary Engineering: A Paradigm Shift - Proceedings of the 24th ISPE Inc. International Conference on Transdisciplinary Engineering, TE 2017*
**Database:** Compendex
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## 34. A novel smoothness-based interpolation algorithm for division of focal plane Polarimeters

Zhang, Jieyun (College of Electronic Science and Technology, Shenzhen University, Shenzhen, China); Ye, Wenbin; Ahmed, Ashfaq; Qiu, Zhurui; Cao, Yuan; Zhao, Xiaojin **Source:** *Proceedings - IEEE International Symposium on Circuits and Systems*, September 25, 2017, *IEEE International Symposium on Circuits and Systems: From Dreams to Innovation, ISCAS 2017 - Conference Proceedings*
**Database:** Compendex
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## 35. Discriminative semi-supervised dictionary learning with entropy regularization for pattern classification

Yang, Meng (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Chen, Lin **Source:** *31st AAAI Conference on Artificial Intelligence, AAAI 2017*, p 1626-1632, 2017, *31st AAAI Conference on Artificial Intelligence, AAAI 2017*
**Database:** Compendex
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## 36. A new static web caching mechanism based on mutual dependency between result cache and posting list cache

Trinh, Thanh (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Wu, Dingming; Huang, Joshua Zhexue **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10570 LNCS, p 148-156, 2017, *Web Information Systems Engineering – WISE 2017 - 18th International Conference, Proceedings*
**Database:** Compendex
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## 37. Kernalised Multi-resolution Convnet for Visual Tracking

Wu, Di (Shenzhen University, China); Zou, Wenbin; Li, Xia; Zhao, Yong **Source:** *IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops*, v 2017-July, p 2241-2248, August 22, 2017, *Proceedings - 30th IEEE Conference on Computer Vision and Pattern Recognition Workshops, CVPRW 2017*
**Database:** Compendex
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## 38. A video recommendation algorithm based on the combination of video content and social network

Cui, Laizhong (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Dong, Linyong; Fu, Xianghua; Wen, Zhenkun; Lu, Nan; Zhang, Guanjing **Source:** *Concurrency Computation*, v 29, n 14, July 25, 2017
**Database:** Compendex
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## 39. Is the addition of an assisted driving Hamiltonian always useful for adiabatic evolution?

Sun, Jie (School of Computer Science and Technology, Huazhong University of Science and Technology, Wuhan; 430074, China); Lu, Songfeng; Li, Li **Source:** *Quantum Information Processing*, v 16, n 4, April 1, 2017
**Database:** Compendex
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## 40. Clustering symmetric positive definite matrices on the riemannian manifolds

Zheng, Ligang (Guangzhou University, Guangzhou, China); Qiu, Guoping; Huang, Jiwu **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10111 LNCS, p 400-415, 2017, *Computer Vision - ACCV 2016 - 13th Asian Conference on Computer Vision, Revised Selected Papers*
**Database:** Compendex
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## 41. Ternary PdNi-based nanocrystals supported on nitrogen-doped reduced graphene oxide as highly active electrocatalysts for the oxygen reduction reaction

Sun, Lingna (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Liao, Biyan; Ren, Xiangzhong; Li, Yongliang; Zhang, Peixin; Deng, Libo; Gao, Yuan **Source:** *Electrochimica Acta*, v 235, p 543-552, May 1, 2017
**Database:** Compendex
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## 42. Reconstruction of super-resolution STORM images using compressed sensing based on low-resolution raw images and interpolation

Cheng, Tao (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Chen, Danni; Yu, Bin; Niu, Hanben **Source:** *Biomedical Optics Express*, v 8, n 5, p 2445-2457, May 1, 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 43. Big Data Analytics for Physical Internet-based intelligent manufacturing shop floors

Zhong, Ray Y. (College of Information Engineering, Shenzhen University, Shenzhen, China); Xu, Chen; Chen, Chao; Huang, George Q. **Source:** *International Journal of Production Research*, v 55, n 9, p 2610-2621, May 3, 2017
**Database:** Compendex

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## 44. Order-of-magnitude multiphoton signal enhancement based on characterization of absorption spectra of immersion oils at the 1700-nm window

Wang, Ke (Key Laboratory of Optoelectronic Devices and Systems, Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Wen, Wenhui; Wang, Yuxin; Wang, Kai; He, Jiexing; Wang, Jiaqi; Zhai, Peng; Yang, Yanfu; Qiu, Ping **Source:** *Optics Express*, v 25, n 6, p 5909-5916, March 20, 2017
**Database:** Compendex

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## 45. Steganalysis via deep residual network

Wu, Songtao (College of Computer Science and Software Engineering, Shenzhen University, China); Zhong, Sheng-Hua; Liu, Yan **Source:** *Proceedings of the International Conference on Parallel and Distributed Systems - ICPADS*, p 1233-1236, January 18, 2017, *Proceedings - 22nd IEEE International Conference on Parallel and Distributed Systems, ICPADS 2016*
**Database:** Compendex

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## 46. Robust superhydrophobic candle soot and silica composite sponges for efficient oil/ water separation in corrosive and hot water

Li, Jian (Key Laboratory of Eco-Environment-Related Polymer Materials, Ministry of Education of China, Key Laboratory of Gansu Polymer Materials, College of Chemistry and Chemical Engineering, Northwest Normal University, Lanzhou; 730070, China); Zhao, Zhihong; Kang, Ruimei; Zhang, Yan; Lv, Weizhong; Li, Mouji; Jia, Runan; Luo, Liangjie **Source:** *Journal of Sol-Gel Science and Technology*, v 82, n 3, p 817-826, June 1, 2017
**Database:** Compendex

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## 47. Polarization-controlled gap-mode surface-enhanced Raman scattering with a single nanoparticle

Dou, Xiujie (Nanophotonics Research Centre, Shenzhen University, Shenzhen; 518060, China); Yang, Aiping; Min, Changjun; Du, Luping; Zhang, Yuquan; Weng, Xiaoyu; Yuan, Xiaocong **Source:** *Journal of Physics D: Applied Physics*, v 50, n 25, June 5, 2017
**Database:** Compendex

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## 48. DASS: A Web-Based Fine-Grained Data Access System for Smartphones

Dai, Wenyun (Department of Computer Science, Pace University, New York; NY, United States); Chen, Longbin; Qiu, Meikang; Wu, Ana; Liu, Meiqin **Source:** *Proceedings - 2nd IEEE International Conference on Smart Cloud, SmartCloud 2017*, p 238-243, November 22, 2017, *Proceedings - 2nd IEEE International Conference on Smart Cloud, SmartCloud 2017*
**Database:** Compendex

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## 49. Motion-Homogeneous-Based Fast Transcoding Method from H.264/AVC to HEVC

Yuan, Hui (School of Information Science and Engineering, Shandong University, Jinan; 250100, China); Guo, Chenglin; Liu, Ju; Wang, Xu; Kwong, Sam **Source:** *IEEE Transactions on Multimedia*, v 19, n 7, p 1416-1430, July 2017
**Database:** Compendex
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## 50. Synthesis and Recognition of Internet Celebrity Face Based on Deep Learning

Zhou, Jiancan (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Zeng, Guohang; He, Jia; Jia, Xi; Shen, Linlin **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10568 LNCS, p 145-153, 2017, *Biometric Recognition - 12th Chinese Conference, CCBR 2017, Proceedings*
**Database:** Compendex
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## 51. Fine grained, direct access file system support for storage class memory

Wang, Yi (Beijing Advanced Innovation Center for Imaging Technology, China); Wang, Tianzheng; Liu, Duo; Shao, Zili; Xue, Jingling **Source:** *Journal of Systems Architecture*, v 72, p 80-92, January 1, 2017
**Database:** Compendex
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## 52. 256 fs, 2 nJ soliton pulse generation from MoS2mode-locked fiber laser

Jiang, Zike (College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Chen, Hao; Li, Jiarong; Yin, Jinde; Wang, Jinzhang; Yan, Peiguang **Source:** *Applied Physics Express*, v 10, n 12, December 2017
**Database:** Compendex
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## 53. Joint Routing and Charging Scheduling Optimizations for Smart-Grid Enabled Electric Vehicle Networks

Tang, Wanrong (Dept. of Information Engineering, Chinese University of Hong Kong, Shatin, New Territory, Hong Kong); Bi, Suzhi; Zhang, Ying Jun; Yuan, Xiaojun **Source:** *IEEE Vehicular Technology Conference*, v 2017-June, November 14, 2017, *2017 IEEE 85th Vehicular Technology Conference, VTC Spring 2017 - Proceedings*
**Database:** Compendex
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## 54. PSPEL: In Silico Prediction of Self-Interacting Proteins from Amino Acids Sequences Using Ensemble Learning

Li, Jian-Qiang (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, Guangdong; 518060, China); You, Zhu-Hong; Li, Xiao; Ming, Zhong; Chen, Xing **Source:** *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, v 14, n 5, p 1165-1172, September-October 2017
**Database:** Compendex
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## 55. Recent progress in holographic display technology

Li, Ling (College of Optoelectronic Engineering, Shenzhen University, Shenzhen, China); Tao, Keyu **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 10452, 2017, *14th Conference on Education and Training in Optics and Photonics, ETOP 2017*
**Database:** Compendex
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## 56. Matching-Based Selection With Incomplete Lists for Decomposition Multiobjective Optimization

Wu, Mengyuan (Department of Computer Science, City University of Hong Kong, Hong Kong); Li, Ke; Kwong, Sam; Zhou, Yu; Zhang, Qingfu **Source:** *IEEE Transactions on Evolutionary Computation*, v 21, n 4, p 554-568, August 2017
**Database:** Compendex
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## 57. Survey of Spatio-Temporal Interest Point Detection Algorithms in Video

Li, Yanshan (ATR National Key Laboratory of Defense Technology, Shenzhen University, Shenzhen; 518060, China); Xia, Rongjie; Huang, Qinghua; Xie, Weixin; Li, Xuelong **Source:** *IEEE Access*, v 5, p 10323-10331, 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 58. Irreconcilable room temperature magnetotransport properties of polypyrrole nanoparticles and nanorods

Sagar, Rizwan Ur Rehman (Shenzhen Key Laboratory of Polymer Science and Technology, Nanshan District Key Lab for Biopolymers and Safety Evaluation, College of Materials Science and Engineering, Guangdong Research Center for Interfacial Engineering of Functional Materials, Shenzhen University, Shenzhen; 518060, China); Stadler, Florian J.; Navale, Sachin T; Mane, Rajaram S.; Nazir, Adnan; Nabi, Ghulam **Source:** *Journal of Physics D: Applied Physics*, v 50, n 36, August 17, 2017
**Database:** Compendex
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## 59. Dimension reduction using kernel collaborative representation based projection

Yin, Jun (College of Information Engineering, Shanghai Maritime University, Shanghai; 201306, China); Lai, Zhihui; Yan, Hui **Source:** *AEU - International Journal of Electronics and Communications*, v 81, p 23-30, November 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 60. A beam-switchable dipole antenna

Ge, Lei (Shenzhen University, Shenzhen; 518000, China); Dong, Zheng; Zhang, Dengguo **Source:** *2017 International Applied Computational Electromagnetics Society Symposium in China, ACES-China 2017*, September 26, 2017, *2017 International Applied Computational Electromagnetics Society Symposium in China, ACES-China 2017*
**Database:** Compendex
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## 61. Electrospun NiCo2S4with extraordinary electrocatalytic activity as counter electrodes for dye-sensitized solar cells

Zhang, Chenle (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Deng, Libo; Zhang, Peixin; Ren, Xiangzhong; Li, Yongliang; He, Tingshu **Source:** *Journal of Solid State Electrochemistry*, v 21, n 12, p 3579-3588, November 1, 2017
**Database:** Compendex
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## 62. Learning to predict part mobility from a single static snapshot

Hu, Ruizhen (Shenzhen University, China); Li, Wenchao; Van Kaick, Oliver; Shamir, Ariel; Zhang, Hao; Huang, Hui
**Source:** *ACM Transactions on Graphics*, v 36, n 6, November 20, 2017, *Proceedings of ACM SIGGRAPH Asia 2017*
**Database:** Compendex
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**Data Provider:** Engineering Village

## 63. Turn signal detection during nighttime by CNN detector and perceptual hashing tracking

Chen, Long (School of Data and Computer Science, Sun Yat-sen University, Guangzhou; 510006, China); Hu, Xuemin; Xu, Tong; Kuang, Hulin; Li, Qingquan **Source:** *IEEE Transactions on Intelligent Transportation Systems*, v 18, n 12, p 3303-3314, December 2017
**Database:** Compendex
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## 64. Facile and tailored synthesis of ultrahigh-surface-area clews of carbon nanobelts for high-rate lithium-sulfur batteries

Zeng, Shao-Zhong (Shenzhen Key Laboratory of Special Functional Materials, Shenzhen Engineering Laboratory for Advance Technology of Ceramics, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Zeng, Xierong; Tu, Wenxuan; Yao, Yuechao; Yu, Liang; Wu, Hongliang; Jin, Wenwu; Huang, Haitao; Zou, Jizhao **Source:** *Journal of Materials Chemistry A*, v 5, n 44, p 23209-23220, 2017
**Database:** Compendex
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## 65. Hyperspectral image classification using Fisher criterion-based Gabor cube selection and multi-task joint sparse representation

Jia, Sen (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Xie, Yao; Shen, Linlin; Deng, Lin **Source:** *Workshop on Hyperspectral Image and Signal Processing, Evolution in Remote Sensing*, v 2015-June, October 19, 2017, *2015 7th Workshop on Hyperspectral Image and Signal Processing: Evolution in Remote Sensing, WHISPERS 2015*
**Database:** Compendex
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## 66. Implementation of FLIM and SIFT for improved intraoperative delineation of glioblastoma margin

Lin, Danying (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Luo, Teng; Liu, Liwei; Lu, Yuan; Liu, Shaoxiong; Yuan, Zhen; Qu, Junle **Source:** *Chinese Optics Letters*, v 15, n 9, September 10, 2017
**Database:** Compendex
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## 67. Strong two-photon absorption of Mn-doped CsPbCl3perovskite nanocrystals

He, Tingchao (College of Physics and Energy, Shenzhen University, Shenzhen; 518060, China); Li, Junzi; Ren, Can; Xiao, Shuyu; Li, Yiwen; Chen, Rui; Lin, Xiaodong **Source:** *Applied Physics Letters*, v 111, n 21, November 20, 2017
**Database:** Compendex

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## 68. PUMA: An Improved Realization of MODE for DOA Estimation

Qian, Cheng (Department of Electronics and Information Engineering, Harbin Institute of Technology, Harbin; 150001, China); Huang, Lei; Cao, Mingyang; Xie, Junhao; So, Hing Cheung **Source:** *IEEE Transactions on Aerospace and Electronic Systems*, v 53, n 5, p 2128-2139, October 2017
**Database:** Compendex

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## 69. Controlling the Structure and Antimicrobial Function of N-Halamine-Based Polyurethane Semi-interpenetrating Polymer Networks

Xiu, Kemao (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen, Guangdong; 518060, China); Wen, Jianchuan; Liu, Jianhong; He, Chuanxin; Sun, Yuyu **Source:** *Industrial and Engineering Chemistry Research*, v 56, n 42, p 12032-12037, October 25, 2017
**Database:** Compendex

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## 70. Evaluation of no-reference models to assess image sharpness

Dai, Guangzhe (Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences, China); Wang, Zhaoyang; Li, Yaoqing; Chen, Qian; Yu, Shaode; Xie, Yaoqin **Source:** *2017 IEEE International Conference on Information and Automation, ICIA 2017*, p 683-687, October 20, 2017, *2017 IEEE International Conference on Information and Automation, ICIA 2017*
**Database:** Compendex

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## 71. Visual landmark sequence-based indoor localization

Li, Qing (School of Computer Science, University of Nottingham, Nottingham, United Kingdom); Zhu, Jiasong; Liu, Tao; Garibaldi, Jon; Li, Qingquan; Qiu, Guoping **Source:** *Proceedings of the 1st Workshop on GeoAI: AI and Deep Learning for Geographic Knowledge Discovery, GeoAI 2017*, p 14-23, November 7, 2017, *Proceedings of the 1st Workshop on GeoAI: AI and Deep Learning for Geographic Knowledge Discovery, GeoAI 2017*
**Database:** Compendex

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## 72. Heterogeneous trust-aware recommender systems in social network

Wang, Na (College of Information Engineering, Shenzhen University, Shenzhen, China); Chen, Zhaonan; Li, Xia **Source:** *2017 IEEE 2nd International Conference on Big Data Analysis, ICBDA 2017*, p 767-771, October 20, 2017, *2017 IEEE 2nd International Conference on Big Data Analysis, ICBDA 2017*
**Database:** Compendex

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## 73. GRASS: Generative recursive autoencoders for shape structures

Li, Jun (National University of Defense Technology, China); Xu, Kai; Chaudhuri, Siddhartha **Source:** *ACM Transactions on Graphics*, v 36, n 4, 2017
**Database:** Compendex
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## 74. Fano Resonance in a Metasurface Composed of Graphene Ribbon Superlattice

Deng, Zi-Lan (College of Electronic Science and Technology, Shenzhen University, Shenzhen, China); Li, Xiangping; Fu, Tao; Wang, Guo Ping **Source:** *IEEE Photonics Journal*, v 9, n 5, October 2017
**Database:** Compendex
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## 75. A passively compensated capacitive sensor readout with biased varactor temperature compensation and temperature coherent quantization

Wang, Yong (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen, China); Hong, Yan; Goh, Wang Ling; Chai, Kevin C. T.; Lou, Xin; Ye, Wenbin **Source:** *Proceedings - IEEE International Symposium on Circuits and Systems*, September 25, 2017, *IEEE International Symposium on Circuits and Systems: From Dreams to Innovation, ISCAS 2017 - Conference Proceedings*
**Database:** Compendex
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## 76. Fluorescence lifetime imaging and its applications in cellular microenvironment measurement and auxiliary diagnosis

Qu, Junle (College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China) **Source:** *Optics InfoBase Conference Papers*, v Part F70-PIBM 2017, 2017, *International Conference on Photonics and Imaging in Biology and Medicine, PIBM 2017*
**Database:** Compendex
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## 77. Nanotechnology for Multimodal Synergistic Cancer Therapy

Fan, Wenpei (Guangdong Key Laboratory for Biomedical Measurements and Ultrasound Imaging, School of Biomedical Engineering, Health Science Center, Shenzhen University, Shenzhen; 518060, China); Yung, Bryant; Huang, Peng; Chen, Xiaoyuan **Source:** *Chemical Reviews*, v 117, n 22, p 13566-13638, November 22, 2017
**Database:** Compendex
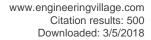Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 78. Recent progress in holographic display technology

Li, Ling (College of Optoelectronic Engineering, Shenzhen University, Shenzhen, China); Tao, Keyu **Source:** *Optics InfoBase Conference Papers*, v Part F60-ETOP 2017, 2017, *14th Conference on Education and Training in Optics and Photonics, ETOP 2017*
**Database:** Compendex
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## 79. Survey of Research on Program Verification via Separation Logic

Qin, Sheng-Chao (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Xu, Zhi-Wu; Ming, Zhong **Source:** *Ruan Jian Xue Bao/Journal of Software*, v 28, n 8, p 2010-2025, August 1, 2017 **Language:** Chinese
**Database:** Compendex
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## 80. Approach to detect arc extinction time of single-phase transient fault in transmission lines

Li, Na (College of Electrical and Information Engineering, Hunan University, Changsha; 410082, China); Jiang, Yaqun; Huang, Chun; Gao, Yunpeng; Jiang, Hui **Source:** *Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument*, v 38, n 7, p 1660-1667, July 1, 2017 **Language:** Chinese
**Database:** Compendex
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## 81. Steganographer detection via deep residual network

Zheng, Mingjie (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Zhang, Sheng-Hua; Wu, Songtao; Jiang, Jianmin **Source:** *Proceedings - IEEE International Conference on Multimedia and Expo*, p 235-240, August 28, 2017, *2017 IEEE International Conference on Multimedia and Expo, ICME 2017*
**Database:** Compendex
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## 82. Discriminative Elastic-Net Regularized Linear Regression

Zhang, Zheng (Bio-Computing Research Center, Shenzhen Graduate School, Harbin Institute of Technology, Shenzhen; 518055, China); Lai, Zhihui; Xu, Yong; Shao, Ling; Wu, Jian; Xie, Guo-Sen **Source:** *IEEE Transactions on Image Processing*, v 26, n 3, p 1466-1481, March 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 83. Remediation of Cr(VI)-Contaminated Acid Soil Using a Nanocomposite

Wang, Dongfang (Key Laboratory of Ion Beam Bioengineering, Hefei Institutes of Physical Science, Chinese Academy of Sciences, 350 Shushanhu Road, Hefei, Anhui; 230031, China); Guo, Wei; Zhang, Guilong; Zhou, Linglin; Wang, Min; Lu, Yujuan; Cai, Dongqing; Wu, Zhengyan **Source:** *ACS Sustainable Chemistry and Engineering*, v 5, n 3, p 2246-2254, March 6, 2017
**Database:** Compendex
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## 84. Experimental investigation on controllable loop thermosyphon with a reservoir

Cao, Jingyu (Department of Thermal Science and Energy Engineering, University of Science and Technology of China, Hefei; 230027, China); Pei, Gang; Jiao, Dongsheng; Zhao, Pinghui; Li, Jing; Wang, Yunyun **Source:** *Applied Thermal Engineering*, v 126, p 322-329, 2017
**Database:** Compendex
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## 85. Efficient interference-aware power control in wireless ad hoc networks

Yao, Junmei (College of Computer Science and Software Engineering, Shenzhen University, China); Lou, Wei; Yang, Chao; Wu, Kaishun **Source:** *IEEE International Conference on Communications*, July 28, 2017, *2017 IEEE International Conference on Communications, ICC 2017*
**Database:** Compendex
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## 86. Pattern Synthesis with Multipoint Accurate Array Response Control

Zhang, Xuejing (University of Electronic Science and Technology of China, Chengdu; 611731, China); He, Zishu; Liao, Bin; Zhang, Xuepan; Peng, Weilai **Source:** *IEEE Transactions on Antennas and Propagation*, v 65, n 8, p 4075-4088, August 2017
**Database:** Compendex
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## 87. Multi-antenna enabled cluster-based cooperation in wireless powered communication networks

Yuan, Lina (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Bi, Suzhi; Zhang, Shengli; Lin, Xiaohui; Wang, Hui **Source:** *IEEE Access*, v 5, p 13941-13950, July 13, 2017
**Database:** Compendex
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## 88. Quantification of carbon footprint of urban roads via life cycle assessment: Case study of a megacity-Shenzhen, China

Mao, Ruichang (College of Civil Engineering, Shenzhen University, Shenzhen; 518060, China); Duan, Huabo; Dong, Dan; Zuo, Jian; Song, Qingbin; Liu, Gang; Hu, Mingwei; Zhu, Jiasong; Dong, Biqin **Source:** *Journal of Cleaner Production*, v 166, p 40-48, November 10, 2017
**Database:** Compendex
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## 89. Sparse fast Clifford Fourier transform

Wang, Rui (School of Communication and Information Engineering, Shanghai University, Shanghai; 200444, China); Zhou, Yi-xuan; Jin, Yan-liang; Cao, Wen-ming **Source:** *Frontiers of Information Technology and Electronic Engineering*, v 18, n 8, p 1131-1141, August 1, 2017
**Database:** Compendex
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## 90. Wi-fire: Device-free fire detection using WiFi networks

Zhong, Shuxin (College of Computer Science and Software Engineering, Shenzhen University, China); Huang, Yongzhi; Ruby, Rukhsana; Wang, Lu; Qiu, Yu-Xuan; Wu, Kaishun **Source:** *IEEE International Conference on Communications*, July 28, 2017, *2017 IEEE International Conference on Communications, ICC 2017*
**Database:** Compendex
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## 91. Generation and application of optical vortices with arbitrary topological charges

Bu, Jing (College of Mathematics and Statistics, Shenzhen University, Shenzhen; 518060, China); Zhang, Lichao; Dou, Xiujie; Yang, Yong; Zhang, Yuquan; Min, Changjun **Source:** *Hongwai yu Jiguang Gongcheng/Infrared and Laser Engineering*, v 46, n 6, June 25, 2017 **Language:** Chinese
**Database:** Compendex
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**Data Provider:** Engineering Village

## 92. Reduction and prediction of N2O emission from an Anoxic/Oxic wastewater treatment plant upon DO control and model simulation

Sun, Shichang (College of Chemistry and Enviromental Engineering, Shenzhen University, Shenzhen; 518060, China); Bao, Zhiyuan; Li, Ruoyu; Sun, Dezhi; Geng, Haihong; Huang, Xiaofei; Lin, Junhao; Zhang, Peixin; Ma, Rui; Fang, Lin; Zhang, Xianghua; Zhao, Xuxin **Source:** *Bioresource Technology*, v 244, p 800-809, 2017
**Database:** Compendex
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## 93. Stochastic optimization with randomized smoothing for image registration

Sun, Wei (Biomedical Imaging Group Rotterdam, Departments of Radiology and Medical Informatics, Erasmus MC, Rotterdam, Netherlands); Poot, Dirk H.J.; Smal, Ihor; Yang, Xuan; Niessen, Wiro J.; Klein, Stefan **Source:** *Medical Image Analysis*, v 35, p 146-158, January 1, 2017
**Database:** Compendex
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## 94. All-fiber-optic vector magnetometer based on nano-magnetic fluids filled double-clad photonic crystal fiber

Yin, Jinde (Shenzhen Key Laboratory of Laser Engineering, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Ruan, Shuangchen; Liu, Tiegen; Jiang, Junfeng; Wang, Shuang; Wei, Huifeng; Yan, Peiguang **Source:** *Sensors and Actuators, B: Chemical*, v 238, p 518-524, January 1, 2017
**Database:** Compendex
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## 95. Compressive sensing based data quality improvement for crowd-sensing applications

Cheng, Long (State Key Lab of Virtual Reality Technology and Systems, Beihang University, China); Niu, Jianwei; Kong, Linghe; Luo, Chengwen; Gu, Yu; He, Wenbo; Das, Sajal K. **Source:** *Journal of Network and Computer Applications*, v 77, p 123-134, January 1, 2017
**Database:** Compendex
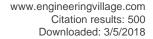Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 96. Interpretation of users' feedback via swarmed particles for content-based image retrieval

Zhu, Yingying (College of Computer Science and Software Engineering, Shenzhen University, 518060, China); Jiang, Jianmin; Han, Wenlong; Ding, Ying; Tian, Qi **Source:** *Information Sciences*, v 375, p 246-257, January 1, 2017
**Database:** Compendex
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## 97. Regenerative practice of using photovoltaic solar systems for residential dwellings: An empirical study in Australia

Tam, Vivian W.Y. (Western Sydney University, School of Computing, Engineering and Mathematics, Locked Bag 1797, Penrith; NSW; 2751, Australia); Le, Khoa N.; Zeng, S.X.; Wang, Xiangyu; Illankoon, I.M. Chethana S. **Source:** *Renewable and Sustainable Energy Reviews*, v 75, p 1-10, 2017
**Database:** Compendex
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## 98. Synchronization Maintenance of Synchronized Time-Lens Source in the Presence of Repetition Rate Drift of the Mode-Locked Laser for Coherent Raman Scattering Microscopy

Wang, Ke (Key Laboratory of Optoelectronic Devices and Systems, Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Wang, Jiaqi; Qiu, Ping **Source:** *IEEE Journal of Quantum Electronics*, v 53, n 1, January 2017
**Database:** Compendex
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## 99. Assessment and management of human health risk from toxic metals and polycyclic aromatic hydrocarbons in urban stormwater arising from anthropogenic activities and traffic congestion

Ma, Yukun (State Key Laboratory of Urban and Regional Ecology, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, 18 Shuangqing Road, Beijing; 100085, China); Liu, An; Egodawatta, Prasanna; McGree, James; Goonetilleke, Ashantha **Source:** *Science of the Total Environment*, v 579, p 202-211, February 1, 2017
**Database:** Compendex
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## 100. Evolution of phase structure and enhancement of piezoelectric properties in (K0.5Na0.5)0.94Li0.06NbO3–SrZrO3lead-free ceramics

Yan, Xiaobin (College of Materials Science and Engineering, Shenzhen Key Laboratory of Special Functional Materials, Shenzhen Engineering Laboratory for Advance Technology of Ceramics, Shenzhen University, Shenzhen; 518060, China); Peng, Biaolin; Zou, Jizhao; Zeng, Xierong **Source:** *Journal of Materials Science: Materials in Electronics*, v 28, n 4, p 3581-3584, February 1, 2017
**Database:** Compendex
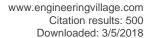Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 101. Coupled-fed tri-band MIMO mobile antenna for WWAN and LTE applications

Zhu, Jianfeng (Beijing Key Laboratory of Network System Architecture and Convergence, Beijing University of Posts and Telecommunications, Beijing; 100876, China); Feng, Botao; Deng, Li; Peng, Biao; Li, Shufang **Source:** *Microwave and Optical Technology Letters*, v 59, n 2, p 463-468, February 1, 2017
**Database:** Compendex
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## 102. Ultrafine Cobalt Sulfide Nanoparticles Encapsulated Hierarchical N-doped Carbon Nanotubes for High-performance Lithium Storage

Li, Xiaoyan (Shenzhen Key Laboratory of Special Functional Materials, Shenzhen Engineering Laboratory for Advanced Technology of Ceramics, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Fu, Nianqing; Zou, Jizhao; Zeng, Xierong; Chen, Yuming; Zhou, Limin; Lu, Wei; Huang, Haitao
**Source:** *Electrochimica Acta*, v 225, p 137-142, January 20, 2017
**Database:** Compendex
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## 103. Sparsity-Based Direct Data Domain Space-Time Adaptive Processing with Intrinsic Clutter Motion

Yang, Zhaocheng (College of Information Engineering, Shenzhen University, Shenzhen; Guangdong, China); Qin, Yuliang; de Lamare, Rodrigo C.; Wang, Hongqiang; Li, Xiang **Source:** *Circuits, Systems, and Signal Processing*, v 36, n 1, p 219-246, January 1, 2017
**Database:** Compendex
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## 104. Preface

Qiu, Meikang (Pace University, New York; NY, United States); Ming, Zhong; Xiang, Yang **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10135 LNCS, p vi, 2017, *Smart Computing and Communication - 1st International Conference, SmartCom 2016, Proceedings*
**Database:** Compendex
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## 105. Selection of F/number in lattice design for stitching inferferometry of aspheric surface

Peng, Junzheng (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Liu, Xiaoli; Peng, Xiang; Yu, Yingjie; Li, Xiaoge **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 10250, 2017, *International Conference on Optical and Photonics Engineering, icOPEN 2016*
**Database:** Compendex
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## 106. Visualization Recording and Storage of Pressure Distribution through a Smart Matrix Based on the Piezotronic Effect

Han, Xun (Beijing Institute of Nanoenergy and Nanosystems, Chinese Academy of Sciences CAS Center for Excellence in Nanoscience National Center for Nanoscience and Technology (NCNST), Beijing; 100083, China); Du, Weiming; Chen, Mengxiao; Wang, Xiandi; Zhang, Xiaojia; Li, Xiaoyi; Li, Jing; Peng, Zhengchun; Pan, Caofeng; Wang, Zhong Lin **Source:** *Advanced Materials*, v 29, n 26, July 12, 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 107. Deep residual learning for image steganalysis

Wu, Songtao (College of Computer Science and Software Engineering, Shenzhen University, Guangdong Sheng, China); Zhong, Shenghua; Liu, Yan **Source:** *Multimedia Tools and Applications*, p 1-17, February 15, 2017 Article in Press
**Database:** Compendex
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**Data Provider:** Engineering Village

## 108. Nutrients and COD removal of swine wastewater with an isolated microalgal strain Neochloris aquatica CL-M1 accumulating high carbohydrate content used for biobutanol production

Wang, Yue (Shenzhen Key Laboratory of Marine Bioresources and Ecology, Shenzhen University, Shenzhen; 518060, China); Ho, Shih-Hsin; Cheng, Chieh-Lun; Nagarajan, Dillirani; Guo, Wan-Qian; Lin, Chiayi; Li, Shuangfei; Ren, Nanqi; Chang, Jo-Shu **Source:** *Bioresource Technology*, v 242, p 7-14, 2017
**Database:** Compendex
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## 109. On partitions of graphs under degree constraints

Liu, Muhuo (Department of Mathematics, College of Mathematics and Informatics, South China Agricultural University, Guangzhou; 510642, China); Xu, Baogang **Source:** *Discrete Applied Mathematics*, v 226, p 87-93, July 31, 2017
**Database:** Compendex
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## 110. Vehicle recognition in acoustic sensor networks using multiple kernel sparse representation over learned dictionaries

Wang, Rui (School of Communication and Information Engineering, Shanghai University, Shanghai, China); Cao, Wenming; He, Zhihai **Source:** *International Journal of Distributed Sensor Networks*, v 13, n 4, 2017
**Database:** Compendex
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## 111. Predictive Offloading in Cloud-Driven Vehicles: Using Mobile-Edge Computing for a Promising Network Paradigm

Zhang, Ke (Univ of Electronic Science and Technology of China, Chengdu, China); Mao, Yuming; Leng, Supeng; He, Yejun; Zhang, Yan **Source:** *IEEE Vehicular Technology Magazine*, v 12, n 2, p 36-44, June 2017
**Database:** Compendex
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## 112. The graphics of the solutions by learning a RBM: Discussion on a special case

Zhang, Qian (College of Mathematics and Statistics, Shenzhen University, China); Yang, Zhijing; Huang, Chao; Yang, Zhihua; Yang, Lihua **Source:** *IEEE International Conference on Industrial Informatics (INDIN)*, p 1130-1133, January 13, 2017, *Proceedings - 2016 IEEE 14th International Conference on Industrial Informatics, INDIN 2016*
**Database:** Compendex
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## 113. Design of a Real-Time ECG Filter for Portable Mobile Medical Systems

Li, Jianqiang (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Deng, Genqiang; Wei, Wei; Wang, Huihui; Ming, Zhong **Source:** *IEEE Access*, v 5, p 696-704, 2017
**Database:** Compendex
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## 114. Smart Asymmetric Vesicles with Triggered Availability of Inner Cell-Penetrating Shells for Specific Intracellular Drug Delivery

Li, Junjie (CAS Key Laboratory of Soft Matter Chemistry, Department of Polymer Science and Engineering, University of Science and Technology of China, Hefei Anhui; 230026, China); Xiao, Shiyan; Xu, Yixuan; Zuo, Shuai; Zha, Zengshi; Ke, Wendong; He, Chuanxin; Ge, Zhishen **Source:** *ACS Applied Materials and Interfaces*, v 9, n 21, p 17727-17735, May 31, 2017
**Database:** Compendex
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## 115. Monocular SLAM plane discovery method enhanced by line segments matching

Meng, Shan (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Tang, Wenming
**Source:** *Beijing Hangkong Hangtian Daxue Xuebao/Journal of Beijing University of Aeronautics and Astronautics*, v 43, n 4, p 660-666, April 1, 2017 **Language:** Chinese
**Database:** Compendex
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## 116. Loudness Contour Can Influence Mandarin Tone Recognition: Vocoder Simulation and Cochlear Implants

Meng, Qinglin (Acoustic Lab, School of Physics and Optoelectronics, South China University of Technology (SCUT), Guangzhou; 510641, China); Zheng, Nengheng; Li, Xia **Source:** *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, v 25, n 6, p 641-649, June 2017
**Database:** Compendex
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## 117. Synchronization of linear dynamical networks under stochastic impulsive coupling protocols

Wang, Jingyi (College of Mathematics and Statistics, Shenzhen University, Shenzhen; 518060, China); Feng, Jianwen; Xu, Chen; Zhao, Yi; Chen, Michael Z.Q. **Source:** *Journal of the Franklin Institute*, v 354, n 12, p 4882-4895, August 2017
**Database:** Compendex
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## 118. Towards revocable fine-grained encryption of cloud data: Reducing trust upon cloud

Yang, Yanjiang (Shield Lab, Huawei Singapore Research Center, Singapore, Singapore); Liu, Joseph; Wei, Zhuo; Huang, Xinyi **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10342 LNCS, p 127-144, 2017, *Information Security and Privacy - 22nd Australasian Conference, ACISP 2017, Proceedings*
**Database:** Compendex
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## 119. Interfacial instabilities in two immiscible flows in an annular duct: Shear-thinning fluids surrounded with Newtonian fluids

Ding, Zijing (School of Mechanical and Electrical Engineering, Guilin University of Electronic Technology, Gui Lin, China); Liu, Rong; Liu, Zhou **Source:** *Physics of Fluids*, v 29, n 5, May 1, 2017
**Database:** Compendex
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## 120. RAMI comparison of two China test blanket modules

Jin, Xingbo (College of Computer Science and Technology, Jilin University, Changchun; Jilin; 130012, China); Yin, Yuan **Source:** *Annals of Nuclear Energy*, v 110, p 438-442, December 2017
**Database:** Compendex
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## 121. Composition design, optical gap and stability investigations of lead-free halide double perovskite Cs2AgInCl6

Zhou, Jun (Beijing Municipal Key Laboratory of New Energy Materials and Technologies, School of Materials Sciences and Engineering, University of Science and Technology Beijing, Beijing; 100083, China); Xia, Zhiguo; Molokeev, Maxim S.; Zhang, Xiuwen; Peng, Dongsheng; Liu, Quanlin **Source:** *Journal of Materials Chemistry A*, v 5, n 29, p 15031-15037, 2017
**Database:** Compendex
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## 122. Present Perspectives of Advanced Characterization Techniques in TiO2-Based Photocatalysts

Luo, Chengzhi (School of Physics and Technology, MOE, Key Laboratory of Artificial Micro- and Nanostructures, Wuhan University, Wuhan; 430072, China); Ren, Xiaohui; Dai, Zhigao; Zhang, Yupeng; Qi, Xiang; Pan, Chunxu
**Source:** *ACS Applied Materials and Interfaces*, v 9, n 28, p 23265-23286, July 19, 2017
**Database:** Compendex
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## 123. Nuclear norm regularized coding with local position-patch and nonlocal similarity for face hallucination

Gao, Guangwei (Institute of Advanced Technology, Nanjing University of Posts and Telecommunications, Nanjing; 210023, China); Yang, Jian; Lai, Zhihui; Huang, Pu; Jiang, Jielin; Gao, Hao; Yue, Dong **Source:** *Digital Signal Processing: A Review Journal*, v 64, p 107-120, May 1, 2017
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## 124. Influence of initial trust on control from client perspective: Construction industry in China

Jiang, Weiping (Shenzhen University, Shenzhen, China); Lu, Yujie **Source:** *Engineering, Construction and Architectural Management*, v 24, n 2, p 326-345, 2017
**Database:** Compendex
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## 125. Propagation dynamics of a circular Airy beam in a uniaxial crystal

Zheng, Guoliang (College of Electronic Science and Technology, Shenzhen University, Shenzhen; 518060, China); Deng, Xiangquan; Xu, Shixiang; Wu, Qingyang **Source:** *Applied Optics*, v 56, n 9, p 2444-2448, March 20, 2017
**Database:** Compendex
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## 126. Feasibility study: highly integrated chipset design for compact synthetic aperture radar payload on micro-satellite

Wang, Yong (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen, China); Ye, Wenbin; Hong, Yan; Cao, Yuan; Zheng, Yuanjin **Source:** *Journal of Electromagnetic Waves and Applications*, v 31, n 6, p 594-603, April 13, 2017
**Database:** Compendex
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## 127. Low temperature transfer of well-tailored TiO2nanotube array membrane for efficient plastic dye-sensitized solar cells

Fu, Nianqing (School of Materials Science and Engineering, South China University of Technology, Guangzhou; 510640, China); Li, Xiaoyan; Liu, Yan; Liu, Yanchun; Guo, Min; Li, Wenfang; Huang, Haitao **Source:** *Journal of Power Sources*, v 343, p 47-53, 2017
**Database:** Compendex
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## 128. A Method for Achieving Super Resolution Vibrational Sum-Frequency Generation Microscopy by Structured Illumination

Li, Ya-Hui (State Key Laboratory of Transient Optics and Photonics, Xi'an Institute of Optics and Precision Mechanics, Xi'an; 710119, China); Chen, Dan-Ni; Niu, Han-Ben **Source:** *IEEE Photonics Journal*, v 9, n 3, June 2017
**Database:** Compendex
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## 129. A Parallel Map-Matching Approach for Large Volume Floating Car Stream Data

Xie, Jinyun (Shenzhen Key Laboratory of Spatial Smart Sensing and Services, College of Civil Engineering, Shenzhen University, Shenzhen; 518060, China); Tu, Wei; Li, Qingquan; Cahng, Xiaomeng; Ma, Chenglin; Li, Zhuiri; Huang, Lian **Source:** *Wuhan Daxue Xuebao (Xinxi Kexue Ban)/Geomatics and Information Science of Wuhan University*, v 42, n 5, p 697-703, May 5, 2017 **Language:** Chinese
**Database:** Compendex
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## 130. Wireless Holographic Image Communications Relying on Unequal Error Protected Bitplanes

Huo, Yongkai (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Kovács, Péter Tamás; Naughton, Thomas J.; Hanzo, Lajos **Source:** *IEEE Transactions on Vehicular Technology*, v 66, n 8, p 7136-7148, August 2017
**Database:** Compendex
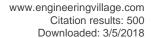Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 131. A new higherature superconducting vernier permanent-magnet machine for wind turbines

Li, Wenlong (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Ching, T.W.; Chau, K.T. **Source:** *IEEE Transactions on Applied Superconductivity*, v 27, n 4, June 2017
**Database:** Compendex
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## 132. Characterizing the transboundary movements of UEEE/WEEE: Is Macau a regional transfer center?

Song, Qingbin (Macau Environmental Research Institute, Macau University of Science and Technology, Macau, China); Wang, Zhishi; Li, Jinhui; Duan, Huabo; Yu, Danfeng; Zeng, Xianlai **Source:** *Journal of Cleaner Production*, v 157, p 243-253, July 20, 2017
**Database:** Compendex
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## 133. Direction Finding in MIMO Radar with Unknown Mutual Coupling

Zhang, Ce (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Huang, Huiping; Liao, Bin **Source:** *IEEE Access*, v 5, p 4439-4447, 2017
**Database:** Compendex
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## 134. High dynamic range imaging for fringe projection profilometry with single-shot raw data of the color camera

Yin, Yongkai (Shandong Provincial Key Laboratory of Laser Technology and Application, Department of Optics, School of Information Science and Engineering, Shandong University, Jinan; 250100, China); Cai, Zewei; Jiang, Hao; Meng, Xiangfeng; Xi, Jiangtao; Peng, Xiang **Source:** *Optics and Lasers in Engineering*, v 89, p 138-144, January 26, 2016
**Database:** Compendex
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## 135. An eigendecomposition-based approach to blind beamforming in a multipath environment

Zhang, Liang (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Liao, Bin; Huang, Lei; Guo, Chongtao **Source:** *IEEE Communications Letters*, v 21, n 2, p 322-325, February 2017
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## 136. ABAid: Navigation Aid for Blind People Using Acoustic Signal

Zheng, Zehui (College of Computer Science and Software Engineering, Shenzhen University, China); Liu, Weifeng; Ruby, Rukhsana; Zou, Yongpan; Wu, Kaishun **Source:** *Proceedings - 14th IEEE International Conference on Mobile Ad Hoc and Sensor Systems, MASS 2017*, p 333-337, November 14, 2017, *Proceedings - 14th IEEE International Conference on Mobile Ad Hoc and Sensor Systems, MASS 2017*
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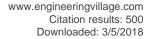
## 137. Finding influential communities in massive networks

Li, Rong-Hua (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Qin, Lu; Yu, Jeffrey Xu; Mao, Rui **Source:** *VLDB Journal*, v 26, n 6, p 751-776, December 1, 2017
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## 138. Joint Machine Learning and Game Theory for Rate Control in High Efficiency Video Coding

Gao, Wei (National Engineering Laboratory for Big Data System Computing Technology, Shenzhen University, Shenzhen; 518060, China); Kwong, Sam; Jia, Yuheng **Source:** *IEEE Transactions on Image Processing*, v 26, n 12, p 6074-6089, December 2017
**Database:** Compendex
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## 139. Breath Level Acetone Discrimination Through Temperature Modulation of a Hierarchical ZnO Gas Sensor

Chen, Jiaqi (Department of Electronic and Computer Engineering, Hong Kong University of Science and Technology, Hong Kong, Hong Kong); Pan, Xiaofang; Boussaid, Farid; McKinley, Allan; Fan, Zhiyong; Bermak, Amine **Source:** *IEEE Sensors Letters*, v 1, n 5, October 2017
**Database:** Compendex
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## 140. Side-Chain Effects on the Thermoelectric Properties of Fluorene-Based Copolymers

Liang, Ansheng (Shenzhen Key Laboratory of Polymer Science and Technology, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Zhou, Xiaoyan; Zhou, Wenqiao; Wan, Tao; Wang, Luhai; Pan, Chengjun; Wang, Lei **Source:** *Macromolecular Rapid Communications*, v 38, n 18, September 2017
**Database:** Compendex
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## 141. Binary and multi-class learning based low complexity optimization for HEVC encoding

Zhu, Linwei (Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, Shenzhen; 518055, China); Zhang, Yun; Pan, Zhaoqing; Wang, Ran; Kwong, Sam; Peng, Zongju **Source:** *IEEE Transactions on Broadcasting*, v 63, n 3, p 547-561, September 2017
**Database:** Compendex
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## 142. Anisotropic and Multiscale Constitutive Framework for the Reliability of Microscale Interconnects Based on Damage Mechanics

Qian, Zhengfang (College of Electronic Science and Technology, Shenzhen University, Shenzhen; 518060, China); Chen, Hongtao **Source:** *Proceedings - Electronic Components and Technology Conference*, p 1051-1057, August 1, 2017, *Proceedings - IEEE 67th Electronic Components and Technology Conference, ECTC 2017*
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## 143. Anonymous anti-sybil attack protocol for mobile healthcare networks analytics

Zhang, Peng (ATR Key Laboratory of National Defense Technology, College of Information Engineering, Shenzhen University, Shenzhen, China); Zhang, Xiafei; Sun, Xiaoqiang; Liu, Joseph K.; Yu, Jianping; Jiang, Zoe L. **Source:** *Proceedings - 16th IEEE International Conference on Trust, Security and Privacy in Computing and Communications, 11th IEEE International Conference on Big Data Science and Engineering and 14th IEEE International Conference on Embedded Software and Systems, Trustcom/BigDataSE/ICESS 2017*, p 668-674, September 7, 2017, *Proceedings - 16th IEEE International Conference on Trust, Security and Privacy in Computing and Communications, 11th IEEE International Conference on Big Data Science and Engineering and 14th IEEE International Conference on Embedded Software and Systems, Trustcom/BigDataSE/ICESS 2017*
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## 144. Alcohol-Induced Differential Variable Genes

Liang, Siyuan (School of Software Engineering, Beijing University of Technology, Beijing, China); Li, Jianqiang; Li, Juan; Yang, Caiyun; Qiu, Weiliang; Yang, Ji-Jiang; Sun, Zhihua; Mao, Rui **Source:** *Proceedings - International Computer Software and Applications Conference*, v 2, p 215-220, September 7, 2017, *Proceedings - 2017 IEEE 41st Annual Computer Software and Applications Conference Workshops, COMPSAC 2017*
**Database:** Compendex
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## 145. All-Optical Switching of Two Continuous Waves in Few Layer Bismuthene Based on Spatial Cross-Phase Modulation

Lu, Lu (Shenzhen Engineering Laboratory of Phosphorene and Optoelectronics, Collaborative Innovation Center for Optoelectronic Science and Technology, Shenzhen; 518060, China); Wang, Wenhui; Wu, Leiming; Jiang, Xiantao; Xiang, Yuanjiang; Li, Jianqing; Fan, Dianyuan; Zhang, Han **Source:** *ACS Photonics*, v 4, n 11, p 2852-2861, November 15, 2017
**Database:** Compendex
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## 146. Large-area highly crystalline WSe2 atomic layers for ultrafast pulsed lasers

Jinde, Y.I.N. (Shenzhen Key Laboratory of Laser Engineering, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Jiarong, L.I.; Chen, Hao; Wang, Jintao; Peiguang, Y.A.N.; Mengli, L.I.U.; Wenjun, L.I.U.; Wei, L.U.; Zihan, X.U.; Zhang, Wenfei; Wang, Jinzhang; Zhipei, S.U.N.; Ruan, Shuangchen **Source:** *Optics Express*, v 25, n 24, p 30020-30031, November 27, 2017
**Database:** Compendex
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## 147. Large-Scale Trajectory Prediction Model Based on Prefix Projection Technique

Qiao, Shao-Jie (School of Cybersecurity, Chengdu University of Information Technology, Chengdu; 610225, China); Han, Nan; Li, Tian-Rui; Li, Rong-Hua; Li, Bin-Yong; Wang, Xiao-Teng; Gutierrez, Louis Alberto **Source:** *Ruan Jian Xue Bao/Journal of Software*, v 28, n 11, p 3043-3057, November 1, 2017 **Language:** Chinese
**Database:** Compendex
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## 148. Nonlinear Photoacoustic Imaging by in Situ Multiphoton Upconversion and Energy Transfer

Wang, Depeng (Department of Biomedical Engineering, University at Buffalo, State University of New York, Buffalo; NY; 14260, United States); Wei, Wei; Singh, Ajay; He, Guang S.; Kannan, Ramamurthi; Tan, Loon-Seng; Chen, Guanying; Prasad, Paras N.; Xia, Jun **Source:** *ACS Photonics*, v 4, n 11, p 2699-2705, November 15, 2017
**Database:** Compendex
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## 149. Efficient process mapping in Geo-Distributed cloud data centers

Zhou, Amelie Chi (Shenzhen University, China); Gong, Yifan; He, Bingsheng; Zhai, Jidong **Source:** *Proceedings of the International Conference for High Performance Computing, Networking, Storage and Analysis, SC 2017*, November 12, 2017, *Proceedings of the International Conference for High Performance Computing, Networking, Storage and Analysis, SC 2017*
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## 150. Thermal stability assessment of $4,4'$_azo-bis(1,2,4-triazolone) (ZTO) and its salts by accelerating rate calorimeter (ARC)

Zhu, Jiaping (Guangdong Research Center for Interfacial Engineering of Functional Materials; Shenzhen Key Laboratory of Polymer Science and Technology, Shenzhen Key Laboratory of Special Functional Materials, Nanshan District Key Lab for Biopolymers and Safety Evaluation, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Jin, Shaohua; Cheng, Bin; Li, Keyao; Zeng, Xierong; Chen, Shaojun **Source:** *Journal of Thermal Analysis and Calorimetry*, p 1-7, December 22, 2017 Article in Press
**Database:** Compendex

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## 151. Simulation of effect of bottom heat source on natural convective heat transfer characteristics in a porous cavity by lattice Boltzmann method

He, Zong-Xu (College of Metrology and Measurement Engineering, China Jiliang University, Hangzhou; 310018, China); Yan, Wei-Wei; Zhang, Kai; Yang, Xiang-Long; Wei, Yi-Kun **Source:** *Wuli Xuebao/Acta Physica Sinica*, v 66, n 20, October 20, 2017 **Language:** Chinese
**Database:** Compendex

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## 152. Automatic Steganographic Distortion Learning Using a Generative Adversarial Network

Tang, Weixuan (School of Information Science and Technology, Sun Yat-sen University, Guangzhou; 510275, China); Tan, Shunquan; Li, Bin; Huang, Jiwu **Source:** *IEEE Signal Processing Letters*, v 24, n 10, p 1547-1551, October 2017
**Database:** Compendex

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## 153. Experimental investigation of aluminum square and rectangular beams with circular perforations

Feng, Ran (School of Civil Engineering, Hefei University of Technology, Hefei; 230009, China); Sun, Wen; Shen, Chengdong; Zhu, Jihua **Source:** *Engineering Structures*, v 151, p 613-632, 15 November 2017
**Database:** Compendex

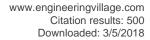Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 154. Organoiridium Photosensitizers Induce Specific Oxidative Attack on Proteins within Cancer Cells

Zhang, Pingyu (Department of Chemistry, University of Warwick, Coventry; CV4 7AL, United Kingdom); Chiu, Cookson K. C.; Huang, Huaiyi; Lam, Yuko P. Y.; Habtemariam, Abraha; Malcomson, Thomas; Paterson, Martin J.; Clarkson, Guy J.; O'Connor, Peter B.; Chao, Hui; Sadler, Peter J. **Source:** *Angewandte Chemie - International Edition*, v 56, n 47, p 14898-14902, November 20, 2017
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## 155. SLC25A36 and ZFAND5 Expression Levels Altered by the Interaction of EtOH Dosage and Exposure Time in Human Dental Pulp Stem Cells

Wang, Zhirui (School of Software Engineering, Beijing University of Technology, Beijing, China); Li, Jianqiang; Qiu, Weiliang; Yang, Ji-Jiang; Mao, Rui; Chen, Shi **Source:** *Proceedings - International Computer Software and Applications Conference*, v 2, p 210-214, September 7, 2017, *Proceedings - 2017 IEEE 41st Annual Computer Software and Applications Conference Workshops, COMPSAC 2017*
**Database:** Compendex
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## 156. Assessing membrane biofouling and its gel layer of anoxic/oxic membrane bioreactor for megacity municipal wastewater treatment during plum rain season in Yangtze River Delta, China

Zhou, Lijie (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Ye, Biao; Xia, Siqing **Source:** *Water Research*, v 127, p 22-31, 2017
**Database:** Compendex
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## 157. Feature extraction via sparse difference embedding (SDE)

Wan, Minghua (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Lai, Zhihui **Source:** *KSII Transactions on Internet and Information Systems*, v 11, n 7, p 3594-3607, July 31, 2017
**Database:** Compendex
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## 158. Solvent Effect Inside the Nanocage of Zeolite Catalysts: A Combined Solid-State NMR Approach and Multiscale Simulation

Li, Guangchao (State Key Laboratory of Magnetic Resonance and Atomic and Molecular Physics, National Center for Magnetic Resonance in Wuhan, Wuhan Institute of Physics and Mathematics, Chinese Academy of Sciences, Wuhan; 430071, China); Yi, Xianfeng; Huang, Ling; Jiang, Jizhou; Yu, Zhiwu; Liu, Zhiqiang; Zheng, Anmin **Source:** *Journal of Physical Chemistry C*, v 121, n 31, p 16921-16931, August 10, 2017
**Database:** Compendex
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## 159. Industrial Internet: A Survey on the Enabling Technologies, Applications, and Challenges

Li, Jian-Qiang (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518000, China); Yu, F. Richard; Deng, Genqiang; Luo, Chengwen; Ming, Zhong; Yan, Qiao **Source:** *IEEE Communications Surveys and Tutorials*, v 19, n 3, p 1504-1526, Third Quarter 2017
**Database:** Compendex
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## 160. Optimized linear physical-layer network coding of full-rate full-diversity in MIMO two-way relay networks

Shi, Long (College of Electronic and Information Engineering, Nanjing University of Aeronautics and Astronautics, China); Yang, Tao; Xia, Xiang-Gen **Source:** *IEEE International Conference on Communications*, July 28, 2017, *2017 IEEE International Conference on Communications, ICC 2017*
**Database:** Compendex
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## 161. Object proposal on RGB-D images via elastic edge boxes

Liu, Jing (State Key Laboratory for Novel Software Technology, Nanjing University, China); Ren, Tongwei; Wang, Yuantian; Zhong, Sheng-Hua; Bei, Jia; Chen, Shengchao **Source:** *Neurocomputing*, v 236, p 134-146, May 2, 2017
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## 162. Facile synthesis of PdSnCo/nitrogen-doped reduced graphene as a highly active catalyst for lithium-air batteries

Ren, Xiangzhong (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Liao, Biyan; Li, Yongliang; Zhang, Peixin; Deng, Libo; Gao, Yuan **Source:** *Electrochimica Acta*, v 228, p 36-44, February 20, 2017
**Database:** Compendex

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## 163. Local well-posedness to inhomogeneous Ericksen–Leslie system with general Leslie stress tensor

Gong, Huajun (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Li, Jinkai; Xu, Chen **Source:** *Zeitschrift fur Angewandte Mathematik und Physik*, v 68, n 1, February 1, 2017
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## 164. Eliminating the influence of source spectrum of white light scanning interferometry through time-delay estimation algorithm

Zhou, Yunfei (Guangdong Provincial Key Laboratory of Nanophotonic Functional Materials and Devices, South China Normal University, Guangzhou; 510006, China); Cai, Hongzhi; Zhong, Liyun; Qiu, Xiang; Tian, Jindong; Lu, Xiaoxu **Source:** *Optics Communications*, v 391, p 1-8, May 15, 2017
**Database:** Compendex

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## 165. Mechanical properties and in vivo study of modified-hydroxyapatite/polyetheretherketone biocomposites

Ma, Rui (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Li, Qiankuan; Wang, Lin; Zhang, Xianghua; Fang, Lin; Luo, Zhongkuan; Xue, Bai; Ma, Lei **Source:** *Materials Science and Engineering C*, v 73, p 429-439, April 1, 2017
**Database:** Compendex

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## 166. Experimental realization of D-shaped photonic crystal fiber SPR sensor

Chen, Yuzhi (College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Xie, Qingli; Li, Xuejin; Zhou, Huasheng; Hong, Xueming; Geng, Youfu **Source:** *Journal of Physics D: Applied Physics*, v 50, n 2, January 18, 2017
**Database:** Compendex

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## 167. Objective reduction for many-objective optimization problems using objective subspace extraction

Luo, Naili (College of Information Engineering, Shenzhen University, Nanhai Ave 3688, Shenzhen; Guangdong; 518060, China); Li, Xia; Lin, Qiuzhen **Source:** *Soft Computing*, p 1-15, February 9, 2017 Article in Press
**Database:** Compendex
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## 168. User cooperation for enhanced throughput fairness in wireless powered communication networks

Zhong, Mingquan (College of Information Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Bi, Suzhi; Lin, Xiao-Hui **Source:** *Wireless Networks*, v 23, n 4, p 1315-1330, May 1, 2017
**Database:** Compendex
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## 169. Graph-based cyber security analysis of state estimation in smart power grid

Bi, Suzhi (Shenzhen University, China); Zhang, Ying Jun Angela **Source:** *IEEE Communications Magazine*, v 55, n 4, p 176-183, 2017
**Database:** Compendex
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## 170. Preparation and optical properties of infrared transparent 3Y-TZP ceramics

Wang, Chuanfeng (State Key Laboratory of Advanced Special Steel, Shanghai Key Laboratory of Advanced Ferrometallurgy, School of Materials Science and Engineering, Shanghai University, Shanghai; 200444, China); Mao, Xiaojian; Peng, Ya-Pei; Jiang, Benxue; Fan, Jintai; Xu, Yangyang; Zhang, Long; Zhao, Jingtai **Source:** *Materials*, v 10, n 4, April 7, 2017
**Database:** Compendex
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## 171. Virtual duplication and mapping prefetching for emerging storage primitives in NAND flash memory storage systems

Wang, Yi (Beijing Advanced Innovation Center for Imaging Technology, China); Dong, Lisha; Ming, Zhong; Guan, Yong; Shao, Zili **Source:** *Microprocessors and Microsystems*, v 50, p 54-65, May 1, 2017
**Database:** Compendex
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## 172. An exponential time-aware recommendation model for mobile notification services

Zeng, Chenglin (Shenzhen Key Laboratory of Information Science and Technology, Graduate School at Shenzhen, Tsinghua University, Shenzhen, China); Cui, Laizhong; Wang, Zhi **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10235 LNAI, p 592-603, 2017, *Advances in Knowledge Discovery and Data Mining - 21st Pacific-Asia Conference, PAKDD 2017, Proceedings*
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## 173. Automatic Arc Discharge-Induced Helical Long Period Fiber Gratings and Its Sensing Applications

Sun, Bing (School of Optoelectronic Engineering, Nanjing University of Posts and Telecommunications, Nanjing; 210023, China); Wei, Wei; Liao, Changrui; Zhang, Lin; Zhang, Zuxing; Chen, Ming-Yang; Wang, Yiping **Source:** *IEEE Photonics Technology Letters*, v 29, n 11, p 873-876, June 1, 2017
**Database:** Compendex
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## 174. Preparation, crystal structure, thermal behaviors and DFT studies of $4,4',5,5'-$ tetraacetamine-3,3#-bi(1,2,4-triazole)

Zhu, Jiaping (Guangdong Research Center for Interfacial Engineering of Functional Materials, Shenzhen Key Laboratory of Polymer Science and Technology, Nanshan District Key Lab for Biopolymers and Safety Evaluation, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Li, Keyao; Zhang, Chunyuan; Wang, Junfeng; Chen, Shaojun **Source:** *Journal of Molecular Structure*, v 1145, p 285-291, October 5, 2017
**Database:** Compendex
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## 175. Robust minimum dispersion distortionless response beamforming against fast-moving interferences

Zhang, Liang (College of Information Engineering, Shenzhen University, Shenzhen, China); Li, Bo; Huang, Lei; Kirubarajan, Thiagalingam; So, Hing Cheung **Source:** *Signal Processing*, v 140, p 190-197, November 2017
**Database:** Compendex
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## 176. The air quality evaluation based on gas sensor array

Chiu, Chang-Yong (College Of Optoelectronic Engineering, Shenzhen University, 518060, China); Zhang, Zhun **Source:** *China Semiconductor Technology International Conference 2017, CSTIC 2017*, May 4, 2017, *China Semiconductor Technology International Conference 2017, CSTIC 2017*
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## 177. Multi-wavelength time-lens source and its application to nonresonant background suppression for coherent anti-Stokes Raman scattering microscopy

Li, Bo (School of Applied and Engineering Physics, Cornell University, Ithaca; NY; 14853, United States); Charan, Kriti; Wang, Ke; Sinefeld, David; Xu, Chris **Source:** *Progress in Biomedical Optics and Imaging - Proceedings of SPIE*, v 10069, 2017, *Multiphoton Microscopy in the Biomedical Sciences XVII*
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## 178. Evolution of the Reactor Antineutrino Flux and Spectrum at Daya Bay

An, F.P. (Institute of Modern Physics, East China University of Science and Technology, China); Balantekin, A.B.; Band, H.R.; Bishai, M.; Blyth, S.; Cao, D.; Cao, G.F.; Cao, J.; Chan, Y.L.; Chang, J.F.; Chang, Y.; Chen, H.S.; Chen, Q.Y.; Chen, S.M.; Chen, Y.X.; Chen, Y.; Cheng, J.; Cheng, Z.K.; Cherwinka, J.J.; Chu, M.C.; Chukanov, A.; Cummings, J.P.; Ding, Y.Y.; Diwan, M.V.; Dolgareva, M.; Dove, J.; Dwyer, D.A.; Edwards, W.R.; Gill, R.; Gonchar, M.; Gong, G.H.; Gong, H.; Grassi, M.; Gu, W.Q.; Guo, L.; Guo, X.H.; Guo, Y.H.; Guo, Z.; Hackenburg, R.W.; Hans, S.; He, M.; Heeger, K.M.; Heng, Y.K.; Higuera, A.; Hsiung, Y.B.; Hu, B.Z.; Hu, T.; Huang, E.C.; Huang, H.X.; Huang, X.T.; Huang, Y.B.; Huber, P.; Huo, W.; Hussain, G.; Jaffe, D.E.; Jen, K.L.; Ji, X.P.; Ji, X.L.; Jiao, J.B.; Johnson, R.A.; Jones, D.; Kang, L.; Kettell, S.H.; Khan, A.; Kohn, S.; Kramer, M.; Kwan, K.K.; Kwok, M.W.; Langford, T.J.; Lau, K.; Lebanowski, L.; Lee, J.; Lee, J.H.C.; Lei, R.T.; Leitner, R.; Leung, J.K.C.; Li, C.; Li, D.J.; Li, F.; Li, G.S.; Li, Q.J.; Li, S.; Li, S.C.; Li, W.D.; Li, X.N.; Li, X.Q.; Li, Y.F.; Li, Z.B.; Liang, H.; Lin, C.J.; Lin, G.L.; Lin, S.; Lin, S.K.; Lin, Y.-C.; Ling, J.J.; Link, J.M.; Littenberg, L.; Littlejohn, B.R.; Liu, J.L.; Liu, J.C.; Loh, C.W.; Lu, C.; Lu, H.Q.; Lu, J.S.; Luk, K.B.; Ma, X.Y.; Ma, X.B.; Ma, Y.Q.; Malyshkin, Y.; Martinez Caicedo, D.A.; McDonald, K.T.; McKeown, R.D.; Mitchell, I.; Nakajima, Y.; Napolitano, J.; Naumov, D.; Naumova, E.; Ngai, H.Y.; Ochoa-Ricoux, J.P.; Olshevskiy, A.; Pan, H.-R.; Park, J.; Patton, S.; Pec, V.; Peng, J.C.; Pinsky, L.; Pun, C.S.J.; Qi, F.Z.; Qi, M.; Qian, X.; Qiu, R.M.; Raper, N.; Ren, J.; Rosero, R.; Roskovec, B.; Ruan, X.C.; Steiner, H.; Stoler, P.; Sun, J.L.; Tang, W.; Taychenachev, D.; Treskov, K.; Tsang, K.V.; Tull, C.E.; Viaux, N.; Viren, B.; Vorobel, V.; Wang, C.H.; Wang, M.; Wang, N.Y.; Wang, R.G.; Wang, W.; Wang, X.; Wang, Y.F.; Wang, Z.; Wang, Z.; Wang, Z.M.; Wei, H.Y.; Wen, L.J.; Whisnant, K.; White, C.G.; Whitehead, L.; Wise, T.; Wong, H.L.H.; Wong, S.C.F.; Worcester, E.; Wu, C.-H.; Wu, Q.; Wu, W.J.; Xia, D.M.; Xia, J.K.; Xing, Z.Z.; Xu, J.L.; Xu, Y.; Xue, T.; Yang, C.G.; Yang, H.; Yang, L.; Yang, M.S.; Yang, M.T.; Yang, Y.Z.; Ye, M.; Ye, Z.; Yeh, M.; Young, B.L. **Source:** *Physical Review Letters*, v 118, n 25, June 19, 2017
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## 179. A robust iteratively reweighted l2approach for spectral compressed sensing in impulsive noise

He, Zhen-Qing (National Key Laboratory of Science and Technology on Communications, University of Electronic Science and Technology of China, Chengdu; 611731, China); Li, Hongbin; Shi, Zhi-Ping; Fang, Jun; Huang, Lei
**Source:** *IEEE Signal Processing Letters*, v 24, n 7, p 938-942, July 2017
**Database:** Compendex
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## 180. Combined solvent and vapor treatment to prepare high quality perovskite films under high relative humidity

Cheng, Nian (School of Physics and Technology, Key Laboratory of Artificial Micro/Nano Structures of Ministry of Education, Wuhan University, Wuhan; 430072, China); Li, Weiwei; Yu, Zhenhua; Wang, Changlei; Qi, Fei; Liu, Pei; Xiao, Yuqing; Zhao, Xing-Zhong **Source:** *Electrochimica Acta*, v 246, p 990-996, August 20, 2017
**Database:** Compendex
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## 181. Experimental Study of Carbon Buildup on Target under Beam Injection

Qiao, Lü-Hua (Institute of Physical Science and Engineering, Zhengzhou University, Zhengzhou; 450001, China); Li, Yun-Ju; Li, Zhi-Hong; Su, Jun; Li, Er-Tao; Shen, Yang-Ping; Zhao, Wei-Juan; Wang, You-Bao; Guo, Bing; Zeng, Sheng; Lian, Gang; Yan, Sheng-Quan; Gan, Lin; Pei, Chang-Jin; Han, Zhi-Yu; Li, Xin-Yue; Zhou, Yong; Liu, Wei-Ping
**Source:** *Yuanzineng Kexue Jishu/Atomic Energy Science and Technology*, v 51, n 2, p 349-353, February 20, 2017
**Language:** Chinese
**Database:** Compendex
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## 182. Computing urban traffic congestions by incorporating sparse GPS probe data and social media data

Wang, Senzhang (College of Computer Science and Technology, Nanjing University of Aeronautics and Astronautics, China); Zhang, Xiaoming; Cao, Jianping; He, Lifang; Stenneth, Leon; Yu, Philip S.; Li, Zhoujun; Huang, Zhiqiu **Source:** *ACM Transactions on Information Systems*, v 35, n 4, July 2017
**Database:** Compendex
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## 183. HEp-2 cell classification based on a Deep Autoencoding-Classification convolutional neural network

Liu, Jingxin (Universiy of Nottingham Ningbo China, China); Xu, Bolei; Shen, Linlin; Garibaldi, Jon; Qiu, Guoping **Source:** *Proceedings - International Symposium on Biomedical Imaging*, p 1019-1023, June 15, 2017, *2017 IEEE 14th International Symposium on Biomedical Imaging, ISBI 2017*
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## 184. Joint estimation of model parameters and SOC for lithium-ion batteries in wireless charging systems

Tian, Yong (College of Optoelectronic Engineering, Shenzhen University, Shenzhen, China); Zeng, Zhibing; Tian, Jindong; Zhou, Shijie; Hu, Chao **Source:** *2017 IEEE PELS Workshop on Emerging Technologies: Wireless Power Transfer, WoW 2017*, p 263-267, June 26, 2017, *2017 IEEE PELS Workshop on Emerging Technologies: Wireless Power Transfer, WoW 2017*
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## 185. Re-expression of face images with help of samples from other face datasets

Zhao, Dongning (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Wang, Ting **Source:** *Journal of Information Hiding and Multimedia Signal Processing*, v 8, n 4, p 818-822, 2017
**Database:** Compendex
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## 186. Algorithm for bound constrained total variation image restoration from random projections

Hao, Binbin (College of Science, China University of Petroleum, Qingdao; 266580, China); Wu, Yanan; Zhu, Jianguang; Qiao, Tiantian; Li, Min **Source:** *Xi Tong Gong Cheng Yu Dian Zi Ji Shu/Systems Engineering and Electronics*, v 39, n 8, p 1885-1890, August 1, 2017 **Language:** Chinese
**Database:** Compendex
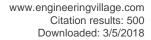Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 187. Control plane innovations to realize dynamic formulation of multicast sessions in inter-DC software-defined elastic optical networks

Zeng, Menglu (University of Science and Technology of China, Hefei; Anhui; 230027, China); Li, Yan; Fang, Wenjian; Lu, Wei; Liu, Xiahe; Yu, Hang; Zhu, Zuqing **Source:** *Optical Switching and Networking*, v 23, p 259-269, January 1, 2017
**Database:** Compendex
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## 188. Experimental evidence of photonic crystal waveguides with wide bandwidth in two-dimensional Al2O3rods array

Wang, Yong (College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Zhang, Dengguo; Xu, Shixiang; Xu, Biaogang; Dong, Zheng; Huang, Tan **Source:** *Chinese Optics Letters*, v 15, n 6, June 10, 2017
**Database:** Compendex
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## 189. All-fiber polarization manipulation for high-order LP modes with mode profile maintenance

Cui, Jingxian (Wuhan National Laboratory for Optoelectronics, and School of Optical and Electronic Information, Huazhong University of Science and Technology, Wuhan; 430074, China); Hong, Zhikun; Fu, Songnian; Chen, Bin; Tang, Ming; Liu, Deming **Source:** *Optics Express*, v 25, n 15, p 18197-18204, July 24, 2017
**Database:** Compendex
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## 190. Experimental study on two-photon fluorescence and coherent anti-Stokes Raman scattering microscopy

Hou, Guo-Hui (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Luo, Teng; Chen, Bing-Ling; Liu, Jie; Lin, Zi-Yang; Chen, Dan-Ni; Qu, Jun-Le **Source:** *Wuli Xuebao/Acta Physica Sinica*, v 66, n 10, May 20, 2017 **Language:** Chinese
**Database:** Compendex
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## 191. Design of embedded tri-color shift device

Xu, Ping (Institute of Micro-Nano Optoelectronic Technology, Shenzhen University, Shenzhen; 518060, China); Yuan, Xia; Yang, Tuo; Huang, Hai-Xuan; Tang, Shao-Tuo; Huang, Yan-Yan; Xiao, Yu-Fei; Peng, Wen-Da **Source:** *Wuli Xuebao/Acta Physica Sinica*, v 66, n 12, June 20, 2017 **Language:** Chinese
**Database:** Compendex
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## 192. Direction finding in MIMO radar with unknown transmitter and/or receiver gains and phases

Liao, Bin (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Chan, Shing-Chow **Source:** *Multidimensional Systems and Signal Processing*, v 28, n 2, p 691-707, April 1, 2017
**Database:** Compendex
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## 193. Ultrathin conductive coating effects on the magnetic and electric resonances of silicon nanoparticles

Feng, Tianhua (JNU-IREE Joint Laboratory of Fractal Method and Signal Processing, Department of Electronic Engineering, College of Information Science and Technology, Jinan University, Guangzhou; 510632, China); Xiang, Jin; Zhang, Chengyun; Liang, Zixian; Xu, Yi **Source:** *Journal of the Optical Society of America B: Optical Physics*, v 34, n 3, p 653-657, March 1, 2017
**Database:** Compendex
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## 194. Joint and collaborative representation with local adaptive convolution feature for face recognition with single sample per person

Yang, Meng (School of Data and Computer Science, Sun Yat-Sen University, Guangzhou, China); Wang, Xing; Zeng, Guohang; Shen, Linlin **Source:** *Pattern Recognition*, v 66, p 117-128, June 1, 2017
**Database:** Compendex

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## 195. Finite-Time Synchronization of Coupled Markovian Discontinuous Neural Networks with Mixed Delays

Yang, Xinsong (Department of Mathematics, Chongqing Normal University, Chongqing; 401331, China); Cao, Jinde; Song, Qiang; Xu, Chen; Feng, Jianwen **Source:** *Circuits, Systems, and Signal Processing*, v 36, n 5, p 1860-1889, May 1, 2017
**Database:** Compendex

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## 196. Evaluation of compressive behavior of ultra-lightweight cement composite after elevated temperature exposure

Huang, Zhenyu (Guangdong Provincial Key Laboratory of Durability for Marine Civil Engineering, Shenzhen University, Shenzhen; 518060, China); Liew, J.Y. Richard; Li, Wei **Source:** *Construction and Building Materials*, v 148, p 579-589, September 1, 2017
**Database:** Compendex

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## 197. TPGS-Functionalized Polydopamine-Modified Mesoporous Silica as Drug Nanocarriers for Enhanced Lung Cancer Chemotherapy against Multidrug Resistance

Cheng, Wei (Division of Life and Health Sciences, Graduate School at Shenzhen, Tsinghua University, Shenzhen; 518055, China); Liang, Chaoyu; Xu, Lv; Liu, Gan; Gao, Nansha; Tao, Wei; Luo, Lingyan; Zuo, Yixiong; Wang, Xusheng; Zhang, Xudong; Zeng, Xiaowei; Mei, Lin **Source:** *Small*, v 13, n 29, August 4, 2017
**Database:** Compendex

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## 198. Deep stochastic weight assignment network of Chinese chess machine game

Wang, Zhi (College of Computer Science and Technology, Hebei University, Baoding; 071002, China); Zhai, Junhai; Wang, Xizhao **Source:** *Proceedings - International Conference on Machine Learning and Cybernetics*, v 2, p 1072-1077, March 6, 2017, *Proceedings of 2016 International Conference on Machine Learning and Cybernetics, ICMLC 2016*
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## 199. Inorganic characteristics of cake layer in A/O MBR for anaerobically digested leachate from municipal solid waste incineration plant with MAP pretreatment

Zhou, Lijie (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Zhuang, Wei-Qin; Ye, Biao; De Costa, Yashika Gregory; Wang, Xin; Yu, Ke; Yi, Shan; Yang, Shufang; Xia, Siqing **Source:** *Chemical Engineering Journal*, v 327, p 71-78, 2017
**Database:** Compendex

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## 200. Object specific deep feature and its application to face detection

Hou, Xianxu (University of Nottingham, Ningbo, China); Zhu, Jiasong; Sun, Ke; Shen, Linlin; Qiu, Guoping **Source:** *Proceedings of the 15th IAPR International Conference on Machine Vision Applications, MVA 2017*, p 173-176, July 19, 2017, *Proceedings of the 15th IAPR International Conference on Machine Vision Applications, MVA 2017*
**Database:** Compendex
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## 201. Accurate signal detection for BPSK-OFDM systems in time-varying channels

Huang, Min (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Huang, Lei; Sun, Weize; Zhang, Jihong; So, Hing Cheung **Source:** *Digital Signal Processing: A Review Journal*, v 60, p 370-379, January 1, 2017
**Database:** Compendex
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## 202. Attribute-based and keywords vector searchable public key encryption

Wang, Huiwen (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Li, Jianqiang; Yang, Yanli; Ming, Zhong **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10135 LNCS, p 317-326, 2017, *Smart Computing and Communication - 1st International Conference, SmartCom 2016, Proceedings*
**Database:** Compendex
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## 203. Wideband spectrum adaptation without coordination

Wang, Wei (School of Electronic Information and Communications, Huazhong University of Science and Technology, Guangzhou Fok Ying Tung Research Institute, Hong Kong University of Science and Technology, Hong Kong, Hong Kong); Chen, Yinejie; Wang, Zeyu; Zhang, Jin; Wu, Kaishun; Zhang, Qian **Source:** *IEEE Transactions on Mobile Computing*, v 16, n 1, p 243-256, January 1, 2017
**Database:** Compendex
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## 204. A novel organic electrochemical transistor-based platform for monitoring the senescent green vegetative phase of Haematococcus pluvialis cells

Wei, Weiwei (Shenzhen Key Laboratory of Special Functional Materials & Guangdong Research Center for Interfacial Engineering of Functional Materials, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Xiao, Kang; Tao, Ming; Nie, Lifu; Liu, Dan; Ke, Shanming; Zeng, Xierong; Hu, Zhangli; Lin, Peng; Zhang, Yu **Source:** *Sensors (Switzerland)*, v 17, n 9, September 2017
**Database:** Compendex
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## 205. Linear convergence of CQ algorithms and applications in gene regulatory network inference

Wang, Jinhua (Department of Mathematics, Zhejiang University of Technology, Hangzhou; 310032, China); Hu, Yaohua; Li, Chong; Yao, Jen-Chih **Source:** *Inverse Problems*, v 33, n 5, April 5, 2017
**Database:** Compendex
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## 206. Three-Dimensional Reconstruction and Visualization of Human Enamel Ex Vivo Using High-Frequency Ultrasound

Du, Juan (School of Electronic and Information Engineering, South China University of Technology, 381 Wushan Road, Tianhe District, Guangzhou; 510641, China); Mao, Xue-Li; Ye, Peng-Fei; Huang, Qing-Hua **Source:** *Journal of Medical and Biological Engineering*, v 37, n 1, p 112-122, February 1, 2017
**Database:** Compendex
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## 207. Multi-target Bayes filter with the target detection

Liu, Zong-xiang (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Zou, Yan-ni; Xie, Wei-xin; Li, Liang-qun **Source:** *Signal Processing*, v 140, p 69-76, November 1, 2017
**Database:** Compendex
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## 208. Deteriorating neural connectivity of the hippocampal episodic memory network in mTBI patients: A cohort study

Yan, Hao (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Sun, Chuanzhu; Wang, Xiaocui; Bai, Lijun **Source:** *Proceedings of the International Joint Conference on Neural Networks*, v 2017-May, p 2979-2986, June 30, 2017, *2017 International Joint Conference on Neural Networks, IJCNN 2017 - Proceedings*
**Database:** Compendex
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## 209. On-Off Analog Beamforming with Per-Antenna Power Constraint

Zhang, Shengli (College of Information Engineering, Shenzhen University, Shenzhen, China); Guo, Chongtao; Wang, Taotao; Zhang, Wei **Source:** *IEEE Vehicular Technology Conference*, v 2017-June, November 14, 2017, *2017 IEEE 85th Vehicular Technology Conference, VTC Spring 2017 - Proceedings*
**Database:** Compendex
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## 210. High-Throughput Network Coding Aware Routing in Time-Varying Multihop Networks

Hai, Long (College of Information Engineering, Shenzhen University, Shenzhen, China); Wang, Jie; Wang, Ping; Wang, Hongyu; Yang, Tingting **Source:** *IEEE Transactions on Vehicular Technology*, v 66, n 7, p 6299-6309, July 2017
**Database:** Compendex
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## 211. Sulfur-impregnated N-doped hollow carbon nanofibers as cathode for lithium-sulfur batteries

Li, Xiaoyan (Shenzhen Key Laboratory of Special Functional Materials, Shenzhen Engineering Laboratory for Advanced Technology of Ceramics, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Fu, Nianqing; Zou, Jizhao; Zeng, Xierong; Chen, Yuming; Zhou, Limin; Huang, Haitao **Source:** *Materials Letters*, v 209, p 505-508, December 15, 2017
**Database:** Compendex
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## 212. Preparation, properties, and Li-ion battery application of EC + PC-modified PVdF-HFP gel polymer electrolyte films

Song, Shenhua (Shenzhen Key Laboratory of Advanced Materials, Department of Materials Science and Engineering, Shenzhen Graduate School, Harbin Institute of Technology, Shenzhen; 518055, China); Wang, Jingwei; Tang, Jiwu; Muchakayala, Ravi; Ma, Rui **Source:** *Ionics*, v 23, n 12, p 3365-3375, December 1, 2017
**Database:** Compendex
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## 213. Modeling Buffer Starvations of Video Streaming in Cellular Networks with Large-Scale Measurement of User Behavior

Xu, Yuedong (Research Center of Smart Networks and Systems, School of Information Science and Engineering, Fudan University, Shanghai; 200433, China); Xiao, Zhujun; Feng, Hui; Yang, Tao; Hu, Bo; Zhou, Yipeng **Source:** *IEEE Transactions on Mobile Computing*, v 16, n 8, p 2228-2245, August 1, 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 214. Balancing Interference and Delay in Heterogeneous Ad Hoc Networks with MIMO

Cui, Haixia (School of Physics and Telecommunication Engineering, South China Normal University, Guangzhou; 510006, China); Feng, Wanmei; Wang, Yide; He, Yejun **Source:** *IEEE Access*, v 5, p 19225-19232, August 30, 2017
**Database:** Compendex
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## 215. 3D Printing of Free-Standing Stretchable Electrodes with Tunable Structure and Stretchability

Wei, Hong (School of Advanced Materials Shenzhen Graduate School, Peking University, Shenzhen; 518005, China); Li, Kai; Liu, Wen Guang; Meng, Hong; Zhang, Pei Xin; Yan, Chao Yi **Source:** *Advanced Engineering Materials*, v 19, n 11, November 2017
**Database:** Compendex
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## 216. Energy Device Applications of Synthesized 1D Polymer Nanomaterials

Huang, Long-Biao (Department of Applied Physics, The Hong Kong Polytechnic University, Hong Kong); Xu, Wei; Hao, Jianhua **Source:** *Small*, v 13, n 43, November 20, 2017
**Database:** Compendex
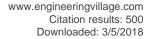Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 217. Facile processing of free-standing polyaniline/SWCNT film as an integrated electrode for flexible supercapacitor application

Liu, Fuwei (Shenzhen Key Laboratory of Polymer Science and Technology, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Luo, Shaojuan; Liu, Dong; Chen, Wei; Huang, Yang; Dong, Lei; Wang, Lei **Source:** *ACS Applied Materials and Interfaces*, v 9, n 39, p 33791-33801, 2017
**Database:** Compendex
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## 218. Online Estimation of Model Parameters of Lithium-Ion Battery Using the Cubature Kalman Filter

Tian, Yong (College of Optoelectronic Engineering, Shenzhen University, Shenzhen, China); Yan, Rusheng; Tian, Jindong; Zhou, Shijie; Hu, Chao **Source:** *IOP Conference Series: Earth and Environmental Science*, v 94, n 1, November 28, 2017, *2017 3rd International Conference on Energy, Environment and Materials Science, EEMS 2017*
**Database:** Compendex
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## 219. Two Decades of MIMO Design Tradeoffs and Reduced-Complexity MIMO Detection in Near-Capacity Systems

Xu, Chao (School of Electronics and Computer Science, University of Southampton, Southampton; SO17 1BJ, United Kingdom); Sugiura, Shinya; Ng, Soon Xin; Zhang, Peichang; Wang, Li; Hanzo, Lajos **Source:** *IEEE Access*, v 5, p 18564-18632, 2017
**Database:** Compendex
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## 220. Ranked searchable symmetric encryption supporting conjunctive queries

Shen, Yanjun (Faculty of Information Technology, Monash University, Melbourne; VIC; 3800, Australia); Zhang, Peng **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10701 LNCS, p 350-360, 2017, *Information Security Practice and Experience - 13th International Conference, ISPEC 2017, Proceedings*
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## 221. Incremental structural clustering for dynamic networks

Chen, Yazhong (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Li, Rong-Hua; Dai, Qiangqiang; Li, Zhenjun; Qiao, Shaojie; Mao, Rui **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10569 LNCS, p 123-134, 2017, *Web Information Systems Engineering – WISE 2017 - 18th International Conference, Proceedings*
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## 222. A Multifunctional Nanoplatform against Multidrug Resistant Cancer: Merging the Best of Targeted Chemo/Gene/Photothermal Therapy

Cheng, Wei (Division of Life and Health Sciences, Graduate School at Shenzhen, Tsinghua University, Shenzhen; 518055, China); Nie, Junpeng; Gao, Nansha; Liu, Gan; Tao, Wei; Xiao, Xiaojun; Jiang, Lijuan; Liu, Zhigang; Zeng, Xiaowei; Mei, Lin **Source:** *Advanced Functional Materials*, v 27, n 45, December 1, 2017
**Database:** Compendex
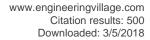Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 223. Carrier Frequency Offset Estimation in Uplink OFDMA Systems: An Approach Relying on Sparse Recovery

Huang, Min (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Huang, Lei; Guo, Chongtao; Zhang, Peichang; Zhang, Jihong; Yang, Lie-Liang **Source:** *IEEE Transactions on Vehicular Technology*, v 66, n 10, p 9592-9597, October 2017
**Database:** Compendex
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## 224. Highly Tunable Electronic Structures of Phosphorene/Carbon Nanotube Heterostructures through External Electric Field and Atomic Intercalation

Tian, Xiao-Qing (College of Physics and Energy, Shenzhen University, Shenzhen, Guangdong; 518060, China); Wang, Xiang-Rong; Wei, Ya-Dong; Liu, Lin; Gong, Zhi-Rui; Gu, Juan; Du, Yu; Yakobson, Boris I. **Source:** *Nano Letters*, v 17, n 12, p 7995-8004, December 13, 2017
**Database:** Compendex
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## 225. Sparsity-Based STAP Using Alternating Direction Method with Gain/Phase Errors

Zhaocheng, Yang (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); De Lamare, Rodrigo C.; Liu, Weijian **Source:** *IEEE Transactions on Aerospace and Electronic Systems*, v 53, n 6, p 2756-2768, December 2017
**Database:** Compendex
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## 226. NiFe2O4porous nanorods/graphene composites as high-performance anode materials for lithium-ion batteries

Fu, Min (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Qiu, Zhaozheng; Chen, Wei; Lin, Yemao; Xin, Hailin; Yang, Bo; Fan, Haosen; Zhu, Caizhen; Xu, Jian **Source:** *Electrochimica Acta*, v 248, p 292-298, September 10, 2017
**Database:** Compendex
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## 227. Fast Drying Boosted Performance Improvement of Low-Temperature Paintable Carbon-Based Perovskite Solar Cell

Chu, Qian-Qian (State Key Laboratory for Mechanical Behavior of Materials, School of Materials Science and Engineering, Xi'An Jiaotong University, 28 West Xianning Road, Xi'an, Shaanxi; 710049, China); Ding, Bin; Li, Yan; Gao, Li-Li; Qiu, Qi; Li, Cheng-Xin; Li, Chang-Jiu; Yang, Guan-Jun; Fang, Baizeng **Source:** *ACS Sustainable Chemistry and Engineering*, v 5, n 11, p 9758-9765, November 6, 2017
**Database:** Compendex
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## 228. Learning non-local image diffusion for image denoising

Qiao, Peng (National Laboratory for Parallel and Distributed Processing, National University of Defense Technology, Changsha, China); Dou, Yong; Feng, Wensen; Li, Rongchun; Chen, Yunjin **Source:** *MM 2017 - Proceedings of the 2017 ACM Multimedia Conference*, p 1847-1855, October 23, 2017, *MM 2017 - Proceedings of the 2017 ACM Multimedia Conference*
**Database:** Compendex
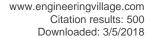Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 229. Efficient neighborhood covering reduction with submodular function optimization

Chen, Qiang (School of Computer Engineering and Science, Shanghai University, Shanghai; 200444, China); Yue, Xiaodong; Zhou, Jie; Chen, Yufei **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10634 LNCS, p 505-514, 2017, *Neural Information Processing - 24th International Conference, ICONIP 2017, Proceedings*
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## 230. Classification of data from electronic nose using gradient tree boosting algorithm

Luo, Yuan (School of Electronic Science and Technology, Shenzhen University, Shenzhen; 518060, China); Ye, Wenbin; Zhao, Xiaojin; Pan, Xiaofang; Cao, Yuan **Source:** *Sensors (Switzerland)*, v 17, n 10, October 18, 2017
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## 231. Joint Collaborative Representation with Deep Feature for Image-Set Face Recognition

Li, Hui (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Yang, Meng
**Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10568 LNCS, p 172-182, 2017, *Biometric Recognition - 12th Chinese Conference, CCBR 2017, Proceedings*
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## 232. Surface plasmon polariton interference in gold nanoplates

Beane, Gary (Department of Chemistry and Biochemistry, University of Notre Dame, Notre Dame; IN; 46556, United States); Yu, Kuai; Devkota, Tuphan; Johns, Paul; Brown, Brendan; Wang, Guo Ping; Hartland, Gregory **Source:** *Journal of Physical Chemistry Letters*, v 8, n 19, p 4935-4941, 2017
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## 233. The Enabling Electronic Motif for Topological Insulation in ABO3Perovskites

Zhang, Xiuwen (Renewable and Sustainable Energy Institute, University of Colorado, Boulder; CO; 80309, United States); Abdalla, Leonardo B.; Liu, Qihang; Zunger, Alex **Source:** *Advanced Functional Materials*, v 27, n 37, October 5, 2017
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## 234. A 35-dBm OIP3 CMOS Constant Bandwidth PGA with Extended Input Range and Improved Common-Mode Rejection

Bai, Chunfeng (National ASIC System Engineering Research Center, Southeast University, Nanjing; 210096, China); Wu, Jianhui; Chen, Chao; Deng, Xiaoying **Source:** *IEEE Transactions on Circuits and Systems II: Express Briefs*, v 64, n 8, p 922-926, August 2017
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## 235. Exploit concurrent transmissions through discernible interference cancellation

Yao, Junmei (College of Computer Science and Software Engineering, Shenzhen University, China); Lou, Wei; Wu, Kaishun **Source:** *IEEE International Conference on Communications*, July 28, 2017, *2017 IEEE International Conference on Communications, ICC 2017*
**Database:** Compendex
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## 236. A novel blemish detection algorithm for camera quality testing

Wang, Kun (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; Guangdong Province, China); Hung, Kwok-Wai; Jiang, Jianmin **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10412 LNAI, p 224-236, 2017, *Knowledge Science, Engineering and Management - 10th International Conference, KSEM 2017, Proceedings*
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## 237. RSCM: Region Selection and Concurrency Model for Multi-Class Weather Recognition

Lin, Di (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Lu, Cewu; Huang, Hui; Jia, Jiaya **Source:** *IEEE Transactions on Image Processing*, v 26, n 9, p 4154-4167, September 2017
**Database:** Compendex
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## 238. The Design of Scanning Laser Optical Tomography Imaging System and Its Applications

Xue, Cheng-Zhi (Shenzhen Key Laboratory of Laser Engineering, Shenzhen; Guangdong; 518060, China); Li, Ya-Min; Li, Gui-Ye; Li, Ying-Chao; Hu, Xue-Juan; Chen, Ling-Ling **Source:** *Guangzi Xuebao/Acta Photonica Sinica*, v 46, n 7, July 1, 2017 **Language:** Chinese
**Database:** Compendex
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## 239. A Coherent Integration Method via Radon-NUFrFT for Random PRI Radar

Tian, Jing (Beijing Institute of Technology, Beijing; 100081, China); Xia, Xiang-Gen; Cui, Wei; Yang, Gang; Wu, Si-Liang **Source:** *IEEE Transactions on Aerospace and Electronic Systems*, v 53, n 4, p 2101-2109, August 2017
**Database:** Compendex
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## 240. A simple wet-chemical synthesis, reaction mechanism, and charge storage application of cobalt oxide electrodes of different morphologies

Gaikar, P.S. (Department of Physics, Institute of Science, Nagpur; MS; 440008, India); Navale, S.T.; Jadhav, V.V.; Shinde, P.V.; Dubal, D.P.; Arjunwadkar, P.R.; Stadler, F.J.; Naushad, Mu.; Ghfar, Ayman A.; Mane, Rajaram S. **Source:** *Electrochimica Acta*, v 253, p 151-162, November 1, 2017
**Database:** Compendex
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## 241. Design, fabrication and performance study of rugate narrow band minus filters

Zhang, Ying (College of Optoelectronic Engineering, Shenzhen University, Shenzhen, Guang Dong, China); Zheng, Jilin; Wang, Yanzhi; Zhao, Jiaolin; Qi, Hongji; Yi, Kui; He, Hongbo; Shao, Jianda; Ruan, Shuangchen **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 10339, 2017, *Pacific Rim Laser Damage 2017: Optical Materials for High-Power Lasers*
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## 242. Synchronization of delayed complex networks with hybrid coupling via pinning impulsive control

Yi, Chengbo (College of Mathematics and Statistics, Shenzhen University, Shenzhen; 518060, China); Feng, Jianwen; Zhao, Yi **Source:** *Proceedings of the 29th Chinese Control and Decision Conference, CCDC 2017*, p 1461-1466, July 12, 2017, *Proceedings of the 29th Chinese Control and Decision Conference, CCDC 2017*
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## 243. Comments on "Local coupled extreme learning machine"

Yu, Wan-guo (College of Mathematics and Computer Science, Hebei Normal University for Nationalities, Chengde; 067000, China); Zhou, Xu; He, Yu-lin; Ashfaq, Rana Aamir Raza **Source:** *Neural Computing and Applications*, v 28, n 3, p 631-634, March 1, 2017
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## 244. Estimation of temperature rise at the focus of objective lens at the 1700 nm window

Qiu, Ping (College of Physics and Energy, Shenzhen University, 518060, China); Liang, Runfu; He, Jiexing; Wang, Ke **Source:** *Journal of Innovative Optical Health Sciences*, v 10, n 2, March 1, 2017
**Database:** Compendex
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## 245. State of charge estimation of lithium-ion batteries using an optimal adaptive gain nonlinear observer

Tian, Yong (College of Optoelectronic Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Li, Dong; Tian, Jindong; Xia, Bizhong **Source:** *Electrochimica Acta*, v 225, p 225-234, January 20, 2017
**Database:** Compendex
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## 246. An improved ciphertext-policy attribute-based encryption scheme

Zheng, Hua (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Zhang, Xi; Yang, Qi **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10135 LNCS, p 400-411, 2017, *Smart Computing and Communication - 1st International Conference, SmartCom 2016, Proceedings*
**Database:** Compendex
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## 247. Modified Gbest-guided artificial bee colony algorithm with new probability model

Cui, Laizhong (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Zhang, Kai; Li, Genghui; Fu, Xianghua; Wen, Zhenkun; Lu, Nan; Lu, Jian **Source:** *Soft Computing*, p 1-27, January 17, 2017 Article in Press
**Database:** Compendex
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## 248. An artificial bee colony algorithm for multi-objective optimisation

Luo, Jianping (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Liu, Qiqi; Yang, Yun; Li, Xia; Chen, Min-rong; Cao, Wenming **Source:** *Applied Soft Computing Journal*, v 50, p 235-251, January 1, 2017
**Database:** Compendex
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## 249. Sparsity-based space-time adaptive processing in random pulse repetition frequency and random arrays radar

Quan, Guihua (College of Information Engineering, ShenZhen University, Shenzhen; 518000, China); Yang, Zhaocheng; Huang, Jianjun; Huang, Jinxiong **Source:** *International Conference on Signal Processing Proceedings, ICSP*, p 1642-1646, March 13, 2017, *ICSP 2016 - 2016 IEEE 13th International Conference on Signal Processing, Proceedings*
**Database:** Compendex
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## 250. Efficient shock drift acceleration in the collision of two asymmetric pair plasma shells

Li, R. (HEDPS, Center for Applied Physics and Technology, School of Physics, Peking University, Beijing; 100871, China); Zhou, C.T.; Huang, T.W.; Qiao, B.; He, X.T. **Source:** *Physics of Plasmas*, v 24, n 4, April 1, 2017
**Database:** Compendex
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## 251. Enhancing the colloidal stability of detonation synthesized diamond particles in aqueous solutions by adsorbing organic mono-, bi- and tridentate molecules

Wang, Tao (Functional Thin Films Research Center, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, Shenzhen; 518055, China); Handschuh-Wang, Stephan; Qin, Panpan; Yang, Yang; Zhou, Xuechang; Tang, Yongbing **Source:** *Journal of Colloid and Interface Science*, v 499, p 102-109, August 1, 2017
**Database:** Compendex
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## 252. Characteristics of D-shaped photonic crystal fiber surface plasmon resonance sensors with different side-polished lengths

Xie, Qingli (College of Electronic Science and Technology, Shenzhen University, Shenzhen; 518060, China); Chen, Yuzhi; Li, Xuejin; Yin, Zhen; Wang, Lele; Geng, Youfu; Hong, Xueming **Source:** *Applied Optics*, v 56, n 5, p 1550-1555, February 10, 2017
**Database:** Compendex
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## 253. Using river microalgae as indicators for freshwater biomonitoring: Review of published research and future directions

Wu, Naicheng (Aarhus Institute of Advanced Studies, Aarhus University, Høegh-Guldbergs Gade 6B, Aarhus C; 8000, Denmark); Dong, Xuhui; Liu, Yang; Wang, Chao; Baattrup-Pedersen, Annette; Riis, Tenna **Source:** *Ecological Indicators*, v 81, p 124-131, October 2017
**Database:** Compendex
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## 254. Robust sound event classification with bilinear multi-column ELM-AE and two-stage ensemble learning

Zhang, Junjie (Key Laboratory of Specialty Fiber Optics and Optical Access Networks, School of Communication and Information Engineering, Shanghai University, Shanghai, China); Yin, Jie; Zhang, Qi; Shi, Jun; Li, Yan **Source:** *Eurasip Journal on Audio, Speech, and Music Processing*, v 2017, n 1, December 1, 2017
**Database:** Compendex
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## 255. Multi-party quantum key agreement protocol secure against collusion attacks

Wang, Ping (College of Information Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Sun, Zhiwei; Sun, Xiaoqiang **Source:** *Quantum Information Processing*, v 16, n 7, July 1, 2017
**Database:** Compendex
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## 256. A high-sensitive pressure sensor using a single-mode fiber embedded microbubble with thin film characteristics

Wang, Guanjun (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Liu, Xinglin; Gui, Zhiguo; An, Yongquan; Gu, Jinyu; Zhang, Meiqin; Yan, Lu; Wang, Gao; Wang, Zhibin **Source:** *Sensors (Switzerland)*, v 17, n 6, June 2017
**Database:** Compendex
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## 257. Wide-angle broadband terahertz metamaterial absorber with a multilayered heterostructure

Fan, Junxing (THz Technical Research Center, Shenzhen University, Shenzhen Key Laboratory of Micro-Nano Photonic Information Technology, Shenzhen; 518060, China); Xiao, Dong; Wang, Qiong; Liu, Qiang; Ouyang, Zhengbiao **Source:** *Applied Optics*, v 56, n 15, p 4388-4391, May 20, 2017
**Database:** Compendex
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## 258. Performance Analysis of an Integrated Solar-assisted Heat Pump System with Heat Pipe PV/T Collectors Operating under Different Weather Conditions

Huide, Fu (College of Chemistry and Environmental Engineering, Shenzhen University, Nanhai Ave 3688, Shenzhen City, Guangdong Province, China); Tao, Zhang **Source:** *Energy Procedia*, v 105, p 1143-1148, 2017, *8th International Conference on Applied Energy, ICAE 2016*
**Database:** Compendex
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## 259. Monitoring of a mixed land use catchment for pollutant source characterisation

Liu, An (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Carroll, Steven; Dawes, Les; Goonetilleke, Ashantha **Source:** *Environmental Monitoring and Assessment*, v 189, n 7, July 1, 2017
**Database:** Compendex
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## 260. Nonnegative Discriminant Matrix Factorization

Lu, Yuwu (Tsinghua-Chinese University of Hong Kong, Joint Research Center for Media Sciences Technologies and Systems, Graduate School at Shenzhen, Tsinghua University, Shenzhen; 518055, China); Lai, Zhihui; Xu, Yong; Li, Xuelong; Zhang, David; Yuan, Chun **Source:** *IEEE Transactions on Circuits and Systems for Video Technology*, v 27, n 7, p 1392-1405, July 2017
**Database:** Compendex
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## 261. Influence of land use configurations on river sediment pollution

Liu, An (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Duodu, Godfred O.; Goonetilleke, Ashantha; Ayoko, Godwin A. **Source:** *Environmental Pollution*, v 229, p 639-646, 2017
**Database:** Compendex
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## 262. Defect-free, high resolution patterning of liquid metals using reversibly sealed, reusable polydimethylsiloxane microchannels for flexible electronic applications

Yang, Jinbin (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Zhou, Tingjiao; Zhang, Liyun; Zhu, Deyong; Handschuh-Wang, Stephan; Liu, Zhou; Kong, Tiantian; Liu, Yizhen; Zhang, Junmin; Zhou, Xuechang **Source:** *Journal of Materials Chemistry C*, v 5, n 27, p 6790-6797, 2017
**Database:** Compendex
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## 263. Improved bidirectional extreme learning machine based on enhanced random search

Cao, Weipeng (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Ming, Zhong; Wang, Xizhao; Cai, Shubin **Source:** *Memetic Computing*, p 1-8, July 27, 2017 Article in Press
**Database:** Compendex
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## 264. Orderly Roulette Selection Based Ant Colony Algorithm for Hierarchical Multilabel Protein Function Prediction

Liang, Zhengping (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Guo, Rui; Sun, Jiangtao; Ming, Zhong; Zhu, Zexuan **Source:** *Mathematical Problems in Engineering*, v 2017, 2017
**Database:** Compendex
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## 265. "freezing", morphing, and folding of stretchy tough hydrogels

Li, Tianzhen (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Wang, Jiahui; Zhang, Liyun; Yang, Jinbin; Yang, Mengyan; Zhu, Deyong; Zhou, Xiaohu; Handschuh-Wang, Stephan; Liu, Yizhen; Zhou, Xuechang **Source:** *Journal of Materials Chemistry B*, v 5, n 29, p 5726-5732, 2017
**Database:** Compendex
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## 266. Energy Efficiency Optimization for MIMO Distributed Antenna Systems

Ren, Hong (National Mobile Communications Research Laboratory, Southeast University, Nanjing; 210096, China); Liu, Nan; Pan, Cunhua; He, Chunlong **Source:** *IEEE Transactions on Vehicular Technology*, v 66, n 3, p 2276-2288, March 2017
**Database:** Compendex
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## 267. Range space super spherical cap discriminant analysis

Pei, Jihong (College of Information Engineering, Shenzhen University, Shenzhen, 518060, China); Fan, Hongguang; Pu, Lijuan **Source:** *Neurocomputing*, v 244, p 112-122, June 28, 2017
**Database:** Compendex
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## 268. Integrating RFID and BIM technologies for mitigating risks and improving schedule performance of prefabricated house construction

Li, Clyde Zhengdao (College of Civil Engineering, Shenzhen University, China); Zhong, Ray Y.; Xue, Fan; Xu, Gangyan; Chen, Ke; Huang, George Guoquan; Shen, Geoffrey Qiping **Source:** *Journal of Cleaner Production*, v 165, p 1048-1062, November 1, 2017
**Database:** Compendex
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## 269. Personalized recommendation based on time perception and users' feedback

Chen, Zhaonan (College of Information Engineering, Shenzhen University, Shenzhen, China); Wang, Na; Li, Xia; Chen, Piao **Source:** *Proceedings of the 2017 IEEE 21st International Conference on Computer Supported Cooperative Work in Design, CSCWD 2017*, p 578-583, October 12, 2017, *Proceedings of the 2017 IEEE 21st International Conference on Computer Supported Cooperative Work in Design, CSCWD 2017*
**Database:** Compendex
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## 270. Performance Improvement of Deception Jamming Against SAR Based on Minimum Condition Number

Zhao, Bo (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Huang, Lei; Zhou, Feng; Zhang, Jihong **Source:** *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, v 10, n 3, p 1039-1055, March 2017
**Database:** Compendex
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## 271. Low-rank embedding for robust image feature extraction

Wong, Wai Keung (Institute of Textiles and Clothing, Hong Kong Polytechnic University, Hong Kong, Hong Kong); Lai, Zhihui; Wen, Jiajun; Fang, Xiaozhao; Lu, Yuwu **Source:** *IEEE Transactions on Image Processing*, v 26, n 6, p 2905-2917, June 2017
**Database:** Compendex
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## 272. Assouad-minimality of moran sets under quasi-lipschitz mappings

Xi, Lifeng (Department of Mathematics, Ningbo University, Ningbo; 315211, China); Deng, Juan; Wen, Zhiying **Source:** *Fractals*, v 25, n 3, May 1, 2017
**Database:** Compendex
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## 273. Evolutionary algorithms for knapsack problems

Wang, Xi-Zhao (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); He, Yi-Chao **Source:** *Ruan Jian Xue Bao/Journal of Software*, v 28, n 1, p 1-16, January 1, 2017 **Language:** Chinese
**Database:** Compendex
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## 274. Spatial smoothing based methods for direction-of-arrival estimation of coherent signals in nonuniform noise

Wen, Jun (School of Computer and Electrical Information, Guangxi University, Nanning, China); Liao, Bin; Guo, Chongtao **Source:** *Digital Signal Processing: A Review Journal*, v 67, p 116-122, August 1, 2017
**Database:** Compendex
Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 275. Meta-gratings with near-unitary transmission or diffraction

Deng, Zi-Lan (Guangdong Provincial Key Laboratory of Optical Fiber Sensing and Communications, Institute of Photonics Technology, Jinan University, Guangzhou; 510632, China); Cao, Yaoyu; Li, Xiangping; Wang, Guo Ping **Source:** *Optics InfoBase Conference Papers*, v Part F83-ACPC 2017, 2017, *Asia Communications and Photonics Conference, ACPC 2017*
**Database:** Compendex
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## 276. Unsupervised feature selection based on Markov blanket and particle swarm optimization

Wang, Yintong (College of Computer Science and Technology, Nanjing University of Aeronautics and Astronautics, Nanjing; 210016, China); Wang, Jiandong; Liao, Hao; Chen, Haiyan **Source:** *Journal of Systems Engineering and Electronics*, v 28, n 1, p 151-161, February 2017
**Database:** Compendex
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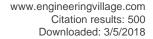**Data Provider:** Engineering Village

## 277. Hybrid-Phase Microstructural ITO-Stabilized ZnO TFTs with Self-Aligned Coplanar Architecture

Deng, Sunbin (State Key Laboratory on Advanced Displays and Optoelectronics Technologies, Department of Electronic and Computer Engineering, Hong Kong University of Science and Technology, Hong Kong); Chen, Rongsheng; Li, Guijun; Xia, Zhihe; Zhang, Meng; Zhou, Wei; Wong, Man; Kwok, Hoi-Sing **Source:** *IEEE Electron Device Letters*, v 38, n 12, p 1676-1679, December 2017
**Database:** Compendex
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## 278. Language Inclusion Checking of Timed Automata with Non-Zenoness

Wang, Xinyu (College of Computer Science, Zhejiang University, Hangzhou; 310027, China); Sun, Jun; Wang, Ting; Qin, Shengchao **Source:** *IEEE Transactions on Software Engineering*, v 43, n 11, p 995-1008, November 1, 2017
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## 279. Neural Networks for the Output Tracking-Control Problem of Nonlinear Strict-Feedback System

Chen, Yuhuan (Gannan Normal University, Ganzhou; 41000, China); Ren, Jihua; Yi, Chengfu **Source:** *IEEE Access*, v 5, p 26257-26266, 2017
**Database:** Compendex
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## 280. Influence of polymorphism and the new trigonal modification on the mechanical response of isotactic poly(propylene-co-1-pentene-co-1-hexene) terpolymers

García-Peñas, Alberto (Instituto de Ciencia y Tecnología de Polímeros (ICTP-CSIC), Juan de la Cierva 3, Madrid; 28006, Spain); Gómez-Elvira, José M.; Lorenzo, Vicente; Pérez, Ernesto; Cerrada, María L. **Source:** *European Polymer Journal*, v 97, p 366-377, December 2017
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## 281. An incentive-based mixed QoE framework for content delivery to smart homes

Guo, Suiming (Department of Information Engineering, Chinese University of Hong Kong, Hong Kong); Chen, Liang; Chiu, Dah Ming **Source:** *2017 26th International Conference on Computer Communications and Networks, ICCCN 2017*, September 14, 2017, *2017 26th International Conference on Computer Communications and Networks, ICCCN 2017*
**Database:** Compendex
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## 282. Design of distributed protograph LDPC codes for multi-relay coded-cooperative networks

Fang, Yi (School of Information Engineering, Guangdong University of Technology, Guangzhou; 510006, China); Liew, Soung Chang; Wang, Taotao **Source:** *IEEE Transactions on Wireless Communications*, v 16, n 11, p 7235-7251, November 2017
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## 283. Tracking multiple moving objects in video based on multi-channel adaptive mixture background model

Zhao, Dong-Ning (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Guo, Da-Jie; Lu, Zhe-Ming; Luo, Hao **Source:** *Journal of Information Hiding and Multimedia Signal Processing*, v 8, n 5, p 987-995, 2017
**Database:** Compendex
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## 284. Growth kinetics and mechanisms of multinary copper-based metal sulfide nanocrystals

Chen, Keqiang (State Key Laboratory of Silicate Materials for Architectures, School of Materials Science and Engineering, Wuhan University of Technology, Wuhan; 430070, China); Zhou, Jing; Chen, Wen; Zhong, Qiaohui; Yang, Tingqiang; Yang, Xue; Deng, Chunyu; Liu, Yueli **Source:** *Nanoscale*, v 9, n 34, p 12470-12478, September 14, 2017
**Database:** Compendex
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## 285. Long Period Fiber Grating Inscribed in Hollow-Core Photonic Bandgap Fiber for Gas Pressure Sensing

Tang, Jian (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Zhang, Zhe; Yin, Guolu; Liu, Shen; Bai, Zhiyong; Li, Zhengyong; Deng, Mi; Wang, Ying; Liao, Changrui; He, Jun; Jin, Wei; Peng, Gang-Ding; Wang, Yiping **Source:** *IEEE Photonics Journal*, v 9, n 5, October 2017
**Database:** Compendex
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## 286. Firefly algorithm with adaptive control parameters

Wang, Hui (School of Computer and Software, Nanjing University of Information Science and Technology, Nanjing; 210044, China); Zhou, Xinyu; Sun, Hui; Yu, Xiang; Zhao, Jia; Zhang, Hai; Cui, Laizhong **Source:** *Soft Computing*, v 21, n 17, p 5091-5102, September 1, 2017
**Database:** Compendex
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## 287. Recent progress on super-resolution imaging and correlative super-resolution microscopy

Lin, Dan-Ying (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Qu, Jun-Le **Source:** *Wuli Xuebao/Acta Physica Sinica*, v 66, n 14, July 20, 2017 **Language:** Chinese
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## 288. Switched linear multi-robot navigation using hierarchical model predictive control

Huang, Chao (State Key Laboratory for Novel Software Technology, Nanjing University, Nanjing, China); Chen, Xin; Zhang, Yifan; Qin, Shengchao; Zeng, Yifeng; Li, Xuandong **Source:** *IJCAI International Joint Conference on Artificial Intelligence*, p 4331-4337, 2017, *26th International Joint Conference on Artificial Intelligence, IJCAI 2017*
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## 289. A regular expression grouping algorithm based on artificial fish school algorithm

Cai, Liangwei (College of Information Engineering, Shenzhen University, Shenzhen, Guangdong Province, China); Sun, Qi **Source:** *Proceedings of 2017 IEEE 7th International Conference on Electronics Information and Emergency Communication, ICEIEC 2017*, p 556-559, October 19, 2017, *Proceedings of 2017 IEEE 7th International Conference on Electronics Information and Emergency Communication, ICEIEC 2017*
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## 290. Harvesting a 3D N-doped carbon network from waste bean dregs by ionothermal carbonization as an electrocatalyst for an oxygen reduction reaction

Chen, Yimai (College of Biological, Chemical Science and Chemical Engineering, Jiaxing University, Jiaxing; 314001, China); Wang, Hui; Ji, Shan; Lv, Weizhong; Wang, Rongfang **Source:** *Materials*, v 10, n 12, November 28, 2017
**Database:** Compendex

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## 291. An elite archive-based MOEA/D algorithm

Zhu, Qingling (Shenzhen University, Shenzhen; 518060, China); Lin, Qiuzhen; Chen, Jianyong **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10593 LNCS, p 236-247, 2017, *Simulated Evolution and Learning - 11th International Conference, SEAL 2017, Proceedings*
**Database:** Compendex

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## 292. Tunable Near-Infrared Organic Nanowire Nanolasers

Wang, Xuedong (Jiangsu Key Laboratory for Carbon-Based Functional Materials and Devices, Institute of Functional Nano and Soft Materials (FUNSOM), Soochow University, Suzhou; Jiangsu; 215123, China); Li, Zhi-Zhou; Zhuo, Ming-Peng; Wu, Yishi; Chen, Shuo; Yao, Jiannian; Fu, Hongbing **Source:** *Advanced Functional Materials*, v 27, n 45, December 1, 2017
**Database:** Compendex

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## 293. Towards optical bioimaging in near and short-wave infrared regions: Contrast agents and optical properties of biological tissue

Ohulchanskyy, Tymish Y. (College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China) **Source:** *Optics InfoBase Conference Papers*, v Part F70-PIBM 2017, 2017, *International Conference on Photonics and Imaging in Biology and Medicine, PIBM 2017*
**Database:** Compendex

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## 294. An Adaptive Point Sampler on a Regular Latice

Ahmed, Abdalla G.M. (University of Konstanz, Germany); Niese, Till; Huang, Hui; Deussen, Oliver **Source:** *ACM Transactions on Graphics*, v 36, n 4, 2017
**Database:** Compendex

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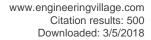**Data Provider:** Engineering Village

## 295. Current advances on fermentative biobutanol production using third generation feedstock

Wang, Yue (College of Life Sciences and Oceanography, Shenzhen University, Shenzhen, China); Ho, Shih-Hsin; Yen, Hong-Wei; Nagarajan, Dillirani; Ren, Nan-Qi; Li, Shuangfei; Hu, Zhangli; Lee, Duu-Jong; Kondo, Akihiko; Chang, Jo-Shu **Source:** *Biotechnology Advances*, v 35, n 8, p 1049-1059, December 2017
**Database:** Compendex

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## 296. Convolutional neural network for classification of solar radio spectrum

Chen, Sisi (Key Laboratory of Solar Activity, National Astronomical Observatories, Chinese Academy of Sciences, Beijing, China); Xu, Long; Ma, Lin; Zhang, Weiqiang; Chen, Zhuo; Yan, Yihua **Source:** *2017 IEEE International Conference on Multimedia and Expo Workshops, ICMEW 2017*, p 198-201, September 5, 2017, *2017 IEEE International Conference on Multimedia and Expo Workshops, ICMEW 2017*
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## 297. Passively Q-Switched Nd:YVO4 Laser Using WS2 Saturable Absorber Fabricated by Radio Frequency Magnetron Sputtering Deposition

Tang, Chun Yin (Department of Applied Physics and Shenzhen Research Institute, Hong Kong Polytechnic University, Hong Kong); Cheng, Ping Kwong; Tao, Lili; Long, Hui; Zeng, Long Hui; Wen, Qiao; Tsang, Yuen Hong **Source:** *Journal of Lightwave Technology*, v 35, n 19, p 4120-4124, October 1, 2017
**Database:** Compendex
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## 298. Design of new photovoltaic systems based on two-dimensional group-IV monochalcogenides for high performance solar cells

Zhao, Pei (School of Physics, State Key Laboratory of Crystal Materials, Shandong University, Jinan; 250100, China); Yang, Hongchao; Li, Jianwei; Jin, Hao; Wei, Wei; Yu, Lin; Huang, Baibiao; Dai, Ying **Source:** *Journal of Materials Chemistry A*, v 5, n 46, p 24145-24152, 2017
**Database:** Compendex
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## 299. Infrared Nanoimaging Reveals the Surface Metallic Plasmons in Topological Insulator

Yuan, Jian (Institute of Functional Nano and Soft Materials, Jiangsu Key Laboratory for Carbon-Based Functional Materials and Devices, Soochow University, Suzhou; 215123, China); Ma, Weiliang; Zhang, Lei; Lu, Yao; Zhao, Meng; Guo, Hongli; Zhao, Jin; Yu, Wenzhi; Zhang, Yupeng; Zhang, Kai; Hoh, Hui Ying; Li, Xiaofeng; Loh, Kian Ping; Li, Shaojuan; Qiu, Cheng-Wei; Bao, Qiaoliang **Source:** *ACS Photonics*, v 4, n 12, p 3055-3062, December 20, 2017
**Database:** Compendex
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## 300. Atomic layer deposition of TiO2on nitrogen-doped carbon nanofibers supported Ru nanoparticles for flexible Li-O2battery: A combined DFT and experimental study

Yang, Jingbo (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Mi, Hongwei; Luo, Shan; Li, Yongliang; Zhang, Peixin; Deng, Libo; Sun, Lingna; Ren, Xiangzhong **Source:** *Journal of Power Sources*, v 368, p 88-96, 2017
**Database:** Compendex
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## 301. Gabor phase feature-based hyperspectral imagery classification

Jia, Sen (College of Computer Science and Software Engineering, Shenzhen University, China); Xie, Huimin; Deng, Lin; Shen, Linlin **Source:** *Proceedings - IEEE International Conference on Multimedia and Expo*, p 1291-1296, August 28, 2017, *2017 IEEE International Conference on Multimedia and Expo, ICME 2017*
**Database:** Compendex
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## 302. Autonomous reconstruction of unknown indoor scenes guided by time-varying tensor fields

Xu, Kai (Shenzhen University, National University of Defense Technology, China); Zheng, Lintao; Yan, Zihao; Yan, Guohang; Zhang, Eugene; Niessner, Matthias; Deussen, Oliver; Cohen-Or, Daniel; Huang, Hui **Source:** *ACM Transactions on Graphics*, v 36, n 6, November 20, 2017, *Proceedings of ACM SIGGRAPH Asia 2017*
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## 303. An efficient superpixel-based sparse representation framework for hyperspectral image classification

Jia, Sen (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Deng, Bin; Huang, Qiang **Source:** *International Journal of Wavelets, Multiresolution and Information Processing*, v 15, n 6, November 1, 2017
**Database:** Compendex
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## 304. Nanocrystals generated under tensile stress in metallic glasses with phase selectivity

Feng, Yancong (School of Advanced Materials, Peking University, Shenzhen Graduate School, Shenzhen; 518055, China); Liao, Wei-Bing; Zheng, Jiaxin; Wang, Lin-Wang; Zhang, Yong; Sun, Jianfei; Pan, Feng **Source:** *Nanoscale*, v 9, n 40, p 15542-15549, October 28, 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 305. Understanding viewing engagement and video quality in a large-scale mobile video system

Chen, Zitao (Graduate School at ShenZhen, Tsinghua University, 518060, China); Cui, Laizhong; Jiang, Yong; Wang, Zhi **Source:** *Proceedings - IEEE Symposium on Computers and Communications*, p 1271-1277, September 1, 2017, *2017 IEEE Symposium on Computers and Communications, ISCC 2017*
**Database:** Compendex
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## 306. DOA and phase error estimation using one calibrated sensor in ULA

Zhang, Xuejing (Department of Electronic Engineering, University of Electronic Science and Technology of China, Chengdu, China); He, Zishu; Liao, Bin; Zhang, Xuepan; Xie, Julan **Source:** *Multidimensional Systems and Signal Processing*, p 1-13, March 17, 2017 Article in Press
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## 307. Integer programming-based method for observability of singleton attractors in Boolean networks

Cheng, Xiaoqing (School of Mathematics and Statistics, Xian Jiaotong Univeristy, Xian, China); Qiu, Yushan; Hou, Wenpin; Ching, Wai-Ki **Source:** *IET Systems Biology*, v 11, n 1, p 30-35, February 1, 2017
**Database:** Compendex
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## 308. Spectrum-Aware Anypath Routing in Multi-Hop Cognitive Radio Networks

Wang, Jie (Faculty of Electronic Information and Electrical Engineering, Dalian University of Technology, Dalian; 116024, China); Yue, Hao; Hai, Long; Fang, Yuguang **Source:** *IEEE Transactions on Mobile Computing*, v 16, n 4, p 1176-1187, April 1, 2017

**Database:** Compendex

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## 309. Facile synthesis of porous NiCoO2nanosheets as ultra-high rate redox-capacitive materials

Jiang, Shu (Nanshan District Key Lab for Biopolymers and Safety Evaluation, Shenzhen Key Laboratory of Polymer Science and Technology, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Sun, Yujing; Li, Zhuang; Zeng, Xierong; Yang, Haipeng **Source:** *Journal of the Electrochemical Society*, v 164, n 6, p A1158-A1164, 2017

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## 310. DFT study on the ionic cyclization mechanism of copolymers of acrylonitrile-itaconic acid: Direct or autocatalytic?

Luo, Qiuhan (College of Chemistry and Environmental Engineering, Shenzhen University, Guangdong; 518060, China); Shi, Zhijun; Li, Dingxiong; Zhu, Caizhen; Wang, Mingliang **Source:** *Chemical Physics Letters*, v 687, p 158-162, 2017

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## 311. Ethanol gas sensing properties of hydrothermally grown $\alpha$-MnO2nanorods

Liu, Chenshitao (College of Materials Science and Engineering, Shenzhen Key Laboratory of Polymer Science and Technology, Guangdong Research Center for Interfacial Engineering of Functional Materials, Nanshan District Key Laboratory for Biopolymers and Safety Evaluation, Shenzhen University, Shenzhen; 518060, China); Navale, S.T.; Yang, Z.B.; Galluzzi, M.; Patil, V.B.; Cao, P.J.; Mane, R.S.; Stadler, F.J. **Source:** *Journal of Alloys and Compounds*, v 727, p 362-369, 2017

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## 312. Integer Pixel Correlation Searching for Three-Dimensional Digital Speckle Based on Gray Constraint

He, Jinying (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Liu, Xiaoli; Peng, Xiang; Li, A'meng; Cai, Zewei **Source:** *Zhongguo Jiguang/Chinese Journal of Lasers*, v 44, n 4, April 10, 2017 **Language:** Chinese

**Database:** Compendex

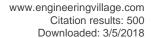Compilation and indexing terms, Copyright 2018 Elsevier Inc.

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## 313. Research on the Hash Function Structures and its Application

Yang, Yijun (College of Computer and Software Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); chen, Fei; Zhang, Xiaomei; Yu, Jianping; Zhang, Peng **Source:** *Wireless Personal Communications*, v 94, n 4, p 2969-2985, June 1, 2017

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## 314. Durable Address Translation in PCM-Based Flash Storage Systems

Liu, Duo (Key Laboratory of Dependable Service Computing in Cyber Physical Society, Chongqing University, Ministry of Education, Chongqing; 404000, China); Zhong, Kan; Wang, Tianzheng; Wang, Yi; Shao, Zili; Sha, Edwin Hsing-Mean; Xue, Jingling **Source:** *IEEE Transactions on Parallel and Distributed Systems*, v 28, n 2, p 475-490, February 1, 2017
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## 315. Characterization of heavy metal desorption from road-deposited sediment under acid rain scenarios

Zhao, Bo (Graduate School at Shenzhen, Tsinghua University, Shenzhen; 518055, China); Liu, An; Wu, Guangxue; Li, Dunzhu; Guan, Yuntao **Source:** *Journal of Environmental Sciences (China)*, v 51, p 284-293, January 1, 2017
**Database:** Compendex
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## 316. Marginal patch alignment for dimensionality reduction

Xu, Jie (Faculty of Automation, Guangdong University of Technology, Guangzhou; 510006, China); Xie, Shengli; Zhu, Wenkang **Source:** *Soft Computing*, v 21, n 9, p 2347-2356, May 1, 2017
**Database:** Compendex
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## 317. WiFall: Device-Free Fall Detection by Wireless Networks

Wang, Yuxi (College of Computer Science and Software Engineering, Shenzhen University, China); Wu, Kaishun; Ni, Lionel M. **Source:** *IEEE Transactions on Mobile Computing*, v 16, n 2, p 581-594, February 1, 2017
**Database:** Compendex
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## 318. Human activity recognition based on smart phone's 3-axis acceleration sensor

Cai, Shubin (Shenzhen University, Shenzhen; Guangdong Province, China); Shan, Zhiguang; Zeng, Tian; Yin, Jianfei; Ming, Zhong **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10135 LNCS, p 163-172, 2017, *Smart Computing and Communication - 1st International Conference, SmartCom 2016, Proceedings*
**Database:** Compendex
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## 319. Pallas: Self-Bootstrapping Fine-Grained Passive Indoor Localization Using WiFi Monitors

Luo, Chengwen (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, Guangdong; 518060, China); Cheng, Long; Chan, Mun Choon; Gu, Yu; Li, Jianqiang; Ming, Zhong **Source:** *IEEE Transactions on Mobile Computing*, v 16, n 2, p 466-481, February 1, 2017
**Database:** Compendex
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## 320. Test methods to determine durability of concrete under combined environmental actions and mechanical load: final report of RILEM TC 246-TDC

Yao, Yan (State Key Laboratory of Green Building Materials, China Building Materials Academy, Beijing; 100024, China); Wang, Ling; Wittmann, Folker H.; De Belie, Nele; Schlangen, Erik; Eguez Alava, Hugo; Wang, Zhendi; Kessler, Sylvia; Gehlen, Christoph; Yunus, Balqis Md.; Li, Juan; Li, Weihong; Setzer, Max. J.; Xing, Feng; Cao, Yin **Source:** *Materials and Structures/Materiaux et Constructions*, v 50, n 2, April 1, 2017
**Database:** Compendex
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## 321. Effective alternating direction optimization methods for sparsity-constrained blind image deblurring

Xiong, Naixue (Hubei Key Laboratory of Inland Shipping Technology, School of Navigation, Wuhan University of Technology, Wuhan; 430063, China); Liu, Ryan Wen; Liang, Maohan; Wu, Di; Liu, Zhao; Wu, Huisi **Source:** *Sensors (Switzerland)*, v 17, n 1, January 18, 2017
**Database:** Compendex
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## 322. Collimated gamma photon emission driven by PW laser pulse in a plasma density channel

Huang, T.W. (College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Zhou, C.T.; Zhang, H.; Wu, S.Z.; Qiao, B.; He, X.T.; Ruan, S.C. **Source:** *Applied Physics Letters*, v 110, n 2, January 9, 2017
**Database:** Compendex
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## 323. Preparation and characterization of gellan gum microspheres containing a cold-adapted $\beta$-galactosidase from Rahnella sp. R3

Fan, Yuting (State Key Laboratory of Food Science and Technology, School of Food Science and Technology, Jiangnan University, Wuxi; 214122, China); Yi, Jiang; Hua, Xiao; Zhang, Yuzhu; Yang, Ruijin **Source:** *Carbohydrate Polymers*, v 162, p 10-15, April 15, 2017
**Database:** Compendex
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## 324. Projection matrix design using prior information in compressive sensing

Li, Bo (Department of Electrical and Computer Engineering, McMaster University, Hamilton, Canada); Zhang, Liang; Kirubarajan, Thia; Rajan, Sreeraman **Source:** *Signal Processing*, v 135, p 36-47, June 1, 2017
**Database:** Compendex
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## 325. Sampleless Wi-Fi: Bringing low power to Wi-Fi communications

Wang, Wei (School of Electronic Information and Communications, Huazhong University of Science and Technology, Wuhan; 430074, China); Chen, Yingjie; Wang, Lu; Zhang, Qian **Source:** *IEEE/ACM Transactions on Networking*, v 25, n 3, p 1663-1672, June 2017
**Database:** Compendex
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## 326. Performance of a building-integrated photovoltaic/thermal system under frame shadows

Wang, Yunyun (College of Materials Science and Engineering and Shenzhen Key Laboratory of Special Functional Materials, Shenzhen University, Shenzhen; 518060, China); Ke, Shanming; Liu, Fengshou; Li, Junfei; Pei, Gang
**Source:** *Energy and Buildings*, v 134, p 71-79, January 1, 2017
**Database:** Compendex
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## 327. Sufficient conditions on the zeroth-order general Randi index for maximally edge-connected graphs

Chen, Zhibing (College of Mathematics and Statistics, Shenzhen University, Guangdong; 518060, China); Su, Guifu; Volkmann, Lutz **Source:** *Discrete Applied Mathematics*, v 218, p 64-70, February 19, 2017
**Database:** Compendex
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## 328. Heating Dispersal for Self-Healing NAND Flash Memory

Chen, Renhai (Tianjin Key Laboratory of Cognitive Computing and Application, School of Computer Science and Technology, Tianjin University, Tianjin; 300072, China); Wang, Yi; Liu, Duo; Shao, Zili; Jiang, Song **Source:** *IEEE Transactions on Computers*, v 66, n 2, p 361-367, February 1, 2017
**Database:** Compendex
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## 329. Concurrent On-the-Fly SCC Detection for Automata-Based Model Checking with Fairness Assumption

Wu, Zhimin (Nanyang Technological University, Singapore); Xu, Yi; Gunay, Akin; Liu, Yang; Qin, Shengchao **Source:** *Proceedings of the IEEE International Conference on Engineering of Complex Computer Systems, ICECCS*, p 135-144, January 12, 2017, *Proceedings - 2016 21st International Conference on Engineering of Complex Computer Systems, ICECCS 2016*
**Database:** Compendex
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## 330. Electrochemical analysis graphite/electrolyte interface in lithium-ion batteries: p-Toluenesulfonyl isocyanate as electrolyte additive

Wang, Renheng (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Li, Xinhai; Wang, Zhixing; Zhang, Han **Source:** *Nano Energy*, v 34, p 131-140, April 1, 2017
**Database:** Compendex
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## 331. Liquid metal sponges for mechanically durable, all-soft, electrical conductors

Liang, Suqing (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen, China); Li, Yaoyao; Chen, Yuzhen; Yang, Jinbin; Zhu, Taipeng; Zhu, Deyong; He, Chuanxin; Liu, Yizhen; Handschuh-Wang, Stephan; Zhou, Xuechang **Source:** *Journal of Materials Chemistry C*, v 5, n 7, p 1586-1590, 2017
**Database:** Compendex
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## 332. Finite-time synchronization analysis for general complex dynamical networks with hybrid couplings and time-varying delays

Feng, Jianwen (College of Mathematics and Statistics, Shenzhen University, Shenzhen; 518060, China); Li, Na; Zhao, Yi; Xu, Chen; Wang, Jingyi **Source:** *Nonlinear Dynamics*, v 88, n 4, p 2723-2733, June 1, 2017
**Database:** Compendex
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## 333. Mesoporous NiCo2O4networks with enhanced performance as counter electrodes for dye-sensitized solar cells

Zhang, Chenle (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Deng, Libo; Zhang, Peixin; Ren, Xiangzhong; Li, Yongliang; He, Tingshu **Source:** *Dalton Transactions*, v 46, n 13, p 4403-4411, 2017
**Database:** Compendex
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## 334. Femtosecond laser processing of polycrystalline diamond micro-structure array

Huang, Jianheng (Key Laboratory of Optoelectronic Devices and Systems, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Liang, Guowen; Li, Ji; Guo, Baoping **Source:** *Zhongguo Jiguang/Chinese Journal of Lasers*, v 44, n 3, March 10, 2017 **Language:** Chinese
**Database:** Compendex
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## 335. Dibenzothiophene-S,S-dioxide and Bispyridinium-Based Cationic Polyfluorene Derivative as an Efficient Cathode Modifier for Polymer Solar Cells

Chen, Guiting (Institute of Polymer Optoelectronic Materials and Devices, State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou; 510640, China); Liu, Sha; Xu, Jin; He, Ruifeng; He, Zhicai; Wu, Hong-Bin; Yang, Wei; Zhang, Bin; Cao, Yong **Source:** *ACS Applied Materials and Interfaces*, v 9, n 5, p 4778-4787, February 8, 2017
**Database:** Compendex
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## 336. A composite of hollow carbon nanospheres and sulfur-rich polymers for lithium-sulfur batteries

Zeng, Shao-Zhong (Shenzhen Key Laboratory of Special Functional Materials & Shenzhen Engineering Laboratory for Advance Technology of Ceramics, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Yao, Yuechao; Zeng, Xierong; He, Qianjun; Zheng, Xianfeng; Chen, Shuangshuang; Tu, Wenxuan; Zou, Jizhao **Source:** *Journal of Power Sources*, v 357, p 11-18, 2017
**Database:** Compendex
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## 337. Near-infrared waveguide in gallium nitride single crystal produced by carbon ion implantation

Xiang, Bingxi (Shenzhen Key Laboratory of Laser Engineering, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Wang, Lei **Source:** *Japanese Journal of Applied Physics*, v 56, n 5, May 2017
**Database:** Compendex
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## 338. Advanced Perceptive Forwarding in Content-Centric Networks

Li, Bing (Shenzhen University, Shenzhen; 518060, China); Ma, Maode; Yang, Xinbin **Source:** *IEEE Access*, v 5, p 4595-4605, 2017
**Database:** Compendex
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## 339. Pixel-Decimation-Assisted Steganalysis of Synchronize-Embedding-Changes Steganography

Tan, Shunquan (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Zhang, Haojie; Li, Bin; Huang, Jiwu **Source:** *IEEE Transactions on Information Forensics and Security*, v 12, n 7, p 1658-1670, July 2017
**Database:** Compendex
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## 340. Damping and frequency of a sag cable attached with a pre-tensioned shape memory alloy wire

Zhou, H.J. (Shenzhen University, Shenzhen; Guangdong, China); Wu, Y.H.; Yao, G.Z.; Zhou, L.B.; Xing, F.; Sun, L.M. **Source:** *Life-Cycle of Engineering Systems: Emphasis on Sustainable Civil Infrastructure - 5th International Symposium on Life-Cycle Engineering, IALCCE 2016*, p 721-728, 2017, *Life-Cycle of Engineering Systems: Emphasis on Sustainable Civil Infrastructure - 5th International Symposium on Life-Cycle Engineering, IALCCE 2016*
**Database:** Compendex
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## 341. Effects of inflow conditions on mountainous/urban wind environment simulation

Li, Chao (Harbin Institute of Technology Shenzhen Graduate School, Shenzhen, China); Zhou, Shengtao; Xiao, Yiqing; Huang, Qin; Li, Lixiao; Chan, P.W. **Source:** *Building Simulation*, v 10, n 4, p 573-588, August 1, 2017
**Database:** Compendex
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## 342. Widely tunable and anisotropic charge carrier mobility in monolayer tin(ii) selenide using biaxial strain: a first-principles study

Zhou, Mei (Institute of Applied Physics and Computational Mathematics, No. 6 Garden Road, Haidian District, Beijing; 100088, China); Chen, Xiaobin; Li, Menglei; Du, Aijun **Source:** *Journal of Materials Chemistry C*, v 5, n 5, p 1247-1254, 2017
**Database:** Compendex
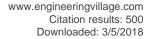Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 343. Node-based differential network analysis in genomics

Zhang, Xiao-Fei (School of Mathematics and Statistics & Hubei Key Laboratory of Mathematical Sciences, Central China Normal University, Wuhan, China); Ou-Yang, Le; Yan, Hong **Source:** *Computational Biology and Chemistry*, v 69, p 194-201, August 2017
**Database:** Compendex
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## 344. TagFree: Passive object differentiation via physical layer radiometric signatures

Zou, Yongpan (Department of Computer Science and Engineering, Hong Kong University of Science and Technology, Hong Kong); Wang, Yuxi; Ye, Shufeng; Wu, Kaishun; Ni, Lionel M. **Source:** *2017 IEEE International Conference on Pervasive Computing and Communications, PerCom 2017*, p 237-246, May 2, 2017, *2017 IEEE International Conference on Pervasive Computing and Communications, PerCom 2017*
**Database:** Compendex
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## 345. Removing the effect of blooming from potential energy measurement by employing total internal reflection microscopy integrated with video microscopy

Cao, Feng (Department of Chemistry, The Chinese University of Hong Kong, Shatin; N.T., Hong Kong); Gong, Xiangjun; He, Chuanxin; Ngai, To **Source:** *Journal of Colloid and Interface Science*, v 503, p 142-149, October 1, 2017
**Database:** Compendex
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## 346. Quantitative Calculation of Fringe Visibility in Bismuth Grating-Based X-Ray Phase-Contrast Imaging

Huang, Jianheng (Key Laboratory of Optoelectronic Devices and Systems, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Lei, Yaohu; Du, Yang; Liu, Xin; Guo, Jinchuan; Li, Ji; Guo, Baoping **Source:** *Guangxue Xuebao/Acta Optica Sinica*, v 37, n 4, April 10, 2017 **Language:** Chinese
**Database:** Compendex
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## 347. Layered spongy-like O-doped g-C3N4: An efficient non-metal oxygen reduction catalyst for alkaline fuel cells

Mei, Riguo (Shenzhen Key Laboratory of New Lithium-ion Batteries and Mesoporous Materials, College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Ma, Lei; An, Liang; Wang, Fang; Xi, Jingjing; Sun, Hongyuan; Luo, Zhongkuan; Wu, Qixing **Source:** *Journal of the Electrochemical Society*, v 164, n 4, p F354-F363, 2017
**Database:** Compendex
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## 348. An experimental comparison between ELM and C4.5 for classification problems with symbolic attributes

Fan-Zhang (College of Mathematics and Information Science, Hebei University, Baoding; 071002, China); Zhai, Jun-Hai; Wang, Xi-Zho **Source:** *Proceedings - International Conference on Machine Learning and Cybernetics*, v 2, p 1078-1083, March 6, 2017, *Proceedings of 2016 International Conference on Machine Learning and Cybernetics, ICMLC 2016*
**Database:** Compendex
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## 349. Trans-Polydatin protects the mouse heart against ischemia/reperfusion injury via inhibition of the renin-angiotensin system (RAS) and Rho kinase (ROCK) activity

Ming, Dong (Medical College, Shenzhen University, Shenzhen, Guangdong; 518000, China); Songyan, Liao; Yawen, Chen; Na, Zheng; Jing, Ma; Zhaowen, Xiao; Ye, Liu; Wa, Ding; Jie, Liu **Source:** *Food and Function*, v 8, n 6, p 2309-2321, June 2017
**Database:** Compendex
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## 350. Nitrogen-enriched hierarchically porous carbon nanofiber network as a binder-free electrode for high-performance supercapacitors

Yao, Yuechao (Shenzhen Key Laboratory of Special Functional Materials &amp; Shenzhen Engineering Laboratory for Advance Technology of ceramics, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Wu, Hongliang; Huang, Lin; Li, Xiaoyan; Yu, Liang; Zeng, Shaozhong; Zeng, Xierong; Yang, Jianwei; Zou, Jizhao **Source:** *Electrochimica Acta*, v 246, p 606-614, August 20, 2017
**Database:** Compendex
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## 351. Preparation and supercooling modification of salt hydrate phase change materials based on CaCl2·2H2O/CaCl2

Xu, Xiaoxiao (College of Civil Engineering, Shenzhen University, Shenzhen; 518060, China); Dong, Zhijun; Memon, Shazim Ali; Bao, Xiaohua; Cui, Hongzhi **Source:** *Materials*, v 10, n 7, June 23, 2017
**Database:** Compendex
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## 352. Extreme learning machine based on cross entropy

Cui, Yixin (College of Mathematics and Information Science, Hebei University, Baoding, Hebei Province; 071002, China); Zhai, Junhai; Wang, Xizhao **Source:** *Proceedings - International Conference on Machine Learning and Cybernetics*, v 2, p 1066-1071, March 6, 2017, *Proceedings of 2016 International Conference on Machine Learning and Cybernetics, ICMLC 2016*
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## 353. Precise Two-Photon Photodynamic Therapy using an Efficient Photosensitizer with Aggregation-Induced Emission Characteristics

Gu, Bobo (School of Electrical and Electronic Engineering, Nanyang Technological University, 50 Nanyang Avenue, 639798, Singapore); Wu, Wenbo; Xu, Gaixia; Feng, Guangxue; Yin, Feng; Chong, Peter Han Joo; Qu, Junle; Yong, Ken-Tye; Liu, Bin **Source:** *Advanced Materials*, v 29, n 28, July 26, 2017
**Database:** Compendex
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## 354. A ranking-based adaptive artificial bee colony algorithm for global numerical optimization

Cui, Laizhong (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Li, Genghui; Wang, Xizhao; Lin, Qiuzhen; Chen, Jianyong; Lu, Nan; Lu, Jian **Source:** *Information Sciences*, v 417, p 169-185, November 2017
**Database:** Compendex
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## 355. Water- and alcohol-soluble cationic phenanthroline derivatives as efficient cathode interfacial layers for bulk-heterojunction polymer solar cells

Zhang, Bin (Key Laboratory of Optoelectronic Devices and Systems, Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Yi, Shuwang; Chen, Guiting; He, Zhicai; Wu, Hong-Bin; Yang, Wei; Niu, Fangfang; Qu, Junle; Zeng, Pengju; Cao, Yong **Source:** *Journal of Materials Chemistry C*, v 5, n 20, p 4858-4866, 2017
**Database:** Compendex
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## 356. Pose-based composition improvement for portrait photographs

Zhang, Xiaoyan (College of Computer Science and Software Engineering, Shenzhen University, 518060, China); Chan, Kap Luk; Constable, Martin **Source:** *ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings*, p 1962-1966, June 16, 2017, *2017 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2017 - Proceedings*
**Database:** Compendex
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## 357. A general iterative approach for the system-level joint optimization of pavement maintenance, rehabilitation, and reconstruction planning

Zhang, Le (Department of Electrical Engineering, The Hong Kong Polytechnic University, Hong Kong); Fu, Liangliang; Gu, Weihua; Ouyang, Yanfeng; Hu, Yaohua **Source:** *Transportation Research Part B: Methodological*, v 105, p 378-400, November 2017
**Database:** Compendex
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## 358. Stabilisation of stochastic coupled systems via feedback control based on discrete-time state observations

Wu, Yongbao (Department of Mathematics, Harbin Institute of Technology, Weihai, China); Li, Wenxue; Feng, Jiqiang **Source:** *International Journal of Systems Science*, v 48, n 13, p 2850-2859, October 3, 2017
**Database:** Compendex
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## 359. The effect of liquid crystal fillers on structure and properties of liquid crystalline shape memory polyurethane composites II: 4-hexadecyloxybenzoic acid

Ban, Jianfeng (Guangdong Research Center for Interfacial Engineering of Functional Materials, Shenzhen Key Laboratory of Polymer Science and Technology, Nanshan District Key Lab for Biopolymers and Safety Evaluation, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Zhu, Linjiang; Chen, Shaojun; Wang, Yiping **Source:** *Journal of Materials Science*, v 52, n 5, p 2628-2641, March 1, 2017
**Database:** Compendex
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## 360. Sparse Blind Speech Deconvolution with Dynamic Range Regularization and Indicator Function

Guan, Jian (Harbin Institute of Technology Shenzhen Graduate School, Shenzhen; 518055, China); Wang, Xuan; Wang, Wenwu; Huang, Lei **Source:** *Circuits, Systems, and Signal Processing*, v 36, n 10, p 4145-4160, October 1, 2017
**Database:** Compendex
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## 361. Twinning and defect formation mechanism in He+/H+-implanted KTiOPO4

Ma, Yu-Jie (Shenzhen Key Laboratory of Laser Engineering, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Lu, Fei; Xiang, Bing-Xi; Zhao, Jin-Lai; Ruan, Shuang-Chen **Source:** *Optical Materials Express*, v 7, n 9, p 3204-3213, 2017
**Database:** Compendex
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## 362. From mapping to indoor semantic queries: Enabling zero-effort indoor environmental sensing

Luo, Chengwen (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Cheng, Long; Hong, Hande; Sankaran, Kartik; Chan, Mun Choon; Li, Jianqiang; Ming, Zhong **Source:** *Journal of Network and Computer Applications*, v 80, p 141-151, February 15, 2017
**Database:** Compendex
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## 363. Investigation on the relationship between solubility of artemisinin and polyvinylpyrroli done addition by using DAOSD approach

Zhang, Jin (Beijing National Laboratory for Molecular Sciences, State Key Laboratory for Rare Earth Materials Chemistry and Applications, College of Chemistry and Molecular Engineering, Peking University, Beijing; 100871, China); Guo, Ran; He, Anqi; Weng, Shifu; Gao, Xiuxiang; Xu, Yizhuang; Noda, Isao; Wu, Jinguang **Source:** *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, v 182, p 136-142, July 5, 2017
**Database:** Compendex
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## 364. Macromolecular Profiling of Organelles in Normal Diploid and Cancer Cells

Levchenko, Svitlana M. (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Kuzmin, Andrey N.; Pliss, Artem; Qu, Junle; Prasad, Paras N. **Source:** *Analytical Chemistry*, v 89, n 20, p 10985-10990, October 17, 2017
**Database:** Compendex
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## 365. Graphene-Bi2Te3heterostructure as broadband saturable absorber for ultra-short pulse generation in Er-doped and Yb-doped fiber lasers

Wang, Zhiteng (Department of Physics and Electronic Information, Hengyang Normal University, Hengyang; 421008, China); Mu, Haoran; Yuan, Jian; Zhao, Chujun; Bao, Qiaoliang; Zhang, Han **Source:** *IEEE Journal on Selected Topics in Quantum Electronics*, v 23, n 1, January-February 2017
**Database:** Compendex
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## 366. A Greedy Approach for Caching in Distributed Data Stores

Chen, Longbin (Department of Computer Science, Pace University, New York; NY, United States); Dai, Wenyun; Qiu, Meikang **Source:** *Proceedings - 2nd IEEE International Conference on Smart Cloud, SmartCloud 2017*, p 244-249, November 22, 2017, *Proceedings - 2nd IEEE International Conference on Smart Cloud, SmartCloud 2017*
**Database:** Compendex
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## 367. Exponential synchronization of complex-valued complex networks with time-varying delays and stochastic perturbations via time-delayed impulsive control

Zhang, Lan (Department of Mathematics, Chongqing Normal University, Chongqing; 401331, China); Yang, Xinsong; Xu, Chen; Feng, Jianwen **Source:** *Applied Mathematics and Computation*, v 306, p 22-30, August 1, 2017
**Database:** Compendex
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## 368. Single Channel SAR Deception Jamming Suppression via Dynamic Aperture Processing

Zhao, Bo (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Huang, Lei; Zhang, Jihong **Source:** *IEEE Sensors Journal*, v 17, n 13, p 4225-4230, July 1, 2017
**Database:** Compendex
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## 369. Utopian point based decomposition for multi-objective optimization problems with complicated Pareto fronts

Qi, Yutao (School of Computer Science and Technology, Xidian University, Xi'an, China); Zhang, Qingsai; Ma, Xiaoliang; Quan, Yining; Miao, Qiguang **Source:** *Applied Soft Computing Journal*, v 61, p 844-859, December 2017
**Database:** Compendex
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## 370. Toward an efficient fuzziness based instance selection methodology for intrusion detection system

Ashfaq, Rana Aamir Raza (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); He, Yu-lin; Chen, De-gang **Source:** *International Journal of Machine Learning and Cybernetics*, v 8, n 6, p 1767-1776, December 1, 2017
**Database:** Compendex
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## 371. An All-Fiber Fan-Out Device for Varying Twin-Core Fiber Types

Guo, Kuikui (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Zhou, Jiangtao; He, Jun; Liao, Changrui; Wang, Ying; Li, Zhengyong; Yang, Kaiming; Liu, Shen; Wang, Yiping **Source:** *Journal of Lightwave Technology*, v 35, n 23, p 5121-5126, December 1, 2017
**Database:** Compendex
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## 372. Compact Model for Double-Gate Tunnel FETs with Gate-Drain Underlap

Xu, Peng (Shenzhen Key Laboratory of Advanced Electron Device and Integration, School of Electronic and Computer Engineering, Peking University Shenzhen Graduate School, Shenzhen; 518055, China); Lou, Haijun; Zhang, Lining; Yu, Zhonghua; Lin, Xinnan **Source:** *IEEE Transactions on Electron Devices*, v 64, n 12, p 5242-5248, December 2017
**Database:** Compendex
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## 373. A simple third-moment reliability index

Wang, Jiao (Department of Architecture, Kanagawa University, Japan); Lu, Zhao-Hui; Saito, Takasuke; Zhang, Xiao-Gang; Zhao, Yan-Gang **Source:** *Journal of Asian Architecture and Building Engineering*, v 16, n 1, p 171-178, 2017
**Database:** Compendex
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## 374. Directional Gaussian Model for Automatic Speeding Event Detection

Wen, Jiajun (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Lai, Zhihui; Ming, Zhong; Wong, Wai Keung; Zhong, Zuofeng **Source:** *IEEE Transactions on Information Forensics and Security*, v 12, n 10, p 2292-2307, October 2017
**Database:** Compendex
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## 375. Multiphoton absorption of three chiral diketopyrrolopyrrole derivatives in near-infrared window I and II

Ye, Chuan-Xiang (College of Physics Science and Technology, Shenzhen University, Shenzhen; 518060, China); Zhang, Jun-Min; Lin, Xiao-Dong; Zhang, Teng; Wang, Bin; He, Ting-Chao **Source:** *Optical Materials Express*, v 7, n 10, p 3529-3537, 2017
**Database:** Compendex
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## 376. Highly Conductive PEDOT:PSS Transparent Hole Transporting Layer with Solvent Treatment for High Performance Silicon/Organic Hybrid Solar Cells

Li, Qingduan (Shenzhen Key Laboratory of Special Functional Materials and Shenzhen Engineering Laboratory for Advance Technology of Ceramics, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Yang, Jianwei; Chen, Shuangshuang; Zou, Jizhao; Xie, Weiguang; Zeng, Xierong **Source:** *Nanoscale Research Letters*, v 12, 2017
**Database:** Compendex
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## 377. The 1st workshop on intelligent recommender systems by knowledge transfer & learning (RecSysKTL)

Zheng, Yong (School of Applied Technology, Illinois Institute of Technology, Chicago; IL; 60616, United States); Sahebi, Shaghayegh Sherry; Pan, Weike; Fernández, Ignacio **Source:** *CEUR Workshop Proceedings*, v 1887, 2017, *RecSysKTL 2017 - Proceedings of the 1st Workshop on Intelligent Recommender Systems by Knowledge Transfer and Learning, co-located with ACM Conference on Recommender Systems, RecSys 2017*
**Database:** Compendex
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## 378. Efficient Design of Truly Random Seed Generator Based on SRAM Physical Unclonable Functions

Li, Bing (School of Integrated Circuit, Southeast University, Nanjing; 210000, China); Tu, Yunjing; Chen, Shuai; Ji, Jianhua **Source:** *Dianzi Yu Xinxi Xuebao/Journal of Electronics and Information Technology*, v 39, n 6, p 1458-1463, June 1, 2017 **Language:** Chinese
**Database:** Compendex
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## 379. Lightweight Perforated Waveguide Structure Realized by 3-D Printing for RF Applications

Huang, Guan-Long (ATR National Key Laboratory of Defense Technology, College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Zhou, Shi-Gang; Sim, Chow-Yen-Desmond; Chio, Tan-Huat; Yuan, Tao **Source:** *IEEE Transactions on Antennas and Propagation*, v 65, n 8, p 3897-3904, August 2017
**Database:** Compendex
Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 380. Joint power allocation and splitting (JoPAS) for SWIPT in doubly selective vehicular channels

Wang, Dexin (Department of Electrical and Computer Engineering, Colorado State University, Fort Collins; CO; 80523, United States); Zhang, Rongqing; Cheng, Xiang; Quan, Zhi; Yang, Liuqing **Source:** *IEEE Transactions on Green Communications and Networking*, v 1, n 4, p 494-502, December 2017
**Database:** Compendex
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## 381. Super DOF element of RC beam-column joint

Fang, Zihu (College of Civil Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Li, Xiangpeng; Jian, Xuyang; Hong, Bokai **Source:** *Harbin Gongye Daxue Xuebao/Journal of Harbin Institute of Technology*, v 49, n 6, p 53-57, June 30, 2017 **Language:** Chinese
**Database:** Compendex
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## 382. Rational Solvent Annealing for Perovskite Film Formation in Air Condition (July 2017)

Zhang, Linxing (Key Laboratory of Optoelectronic Devices and Systems, Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Tian, Sen; Yu, Zhenhua; Zhang, Fan; Niu, Fangfang; Li, Xiaocong; Song, Jun; Zeng, Pengju; Lian, Jiarong **Source:** *IEEE Journal of Photovoltaics*, v 7, n 5, p 1338-1341, September 2017
**Database:** Compendex
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## 383. Windowed DMD for Gait Recognition Under Clothing and Carrying Condition Variations

Wang, Jiawei (College of Physics and Energy, Shenzhen University, Shenzhen, China); Garcia, Edel B.; Yu, Shiqi; Zhang, Dexin **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10568 LNCS, p 484-492, 2017, *Biometric Recognition - 12th Chinese Conference, CCBR 2017, Proceedings*
**Database:** Compendex
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## 384. The Android-Based Acquisition and CNN-Based Analysis for Gaze Estimation in Eye Tracking

Wen, Wei (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518000, China); Chen, Tong; Yang, Meng **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10568 LNCS, p 562-571, 2017, *Biometric Recognition - 12th Chinese Conference, CCBR 2017, Proceedings*
**Database:** Compendex
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## 385. Ensemble subspace clustering of text data using two-level features

Zhao, He (Shenzhen College of Advanced Technology, University of Chinese Academy of Sciences, Shenzhen, China); Salloum, Salman; Cai, Yeshou; Huang, Joshua Zhexue **Source:** *International Journal of Machine Learning and Cybernetics*, v 8, n 6, p 1751-1766, December 1, 2017
**Database:** Compendex
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## 386. Novel Intersymbol Interference Cancellation Scheme to Enable Parallel Computational and High-Performance Faster-Than-Nyquist Signaling

Qian, Bin (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Wang, Xiaokang; Wen, Jinming; Zhang, Shengli; Chen, Changsheng **Source:** *IEEE Access*, v 5, p 24758-24765, November 8, 2017
**Database:** Compendex
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## 387. Study on the Springback Accuracy of Tailor-Welded Front Rail Inner Panel Based on Variable Blank Holder Force

Wang, Jinlun (Shenzhen University, China); Ma, Zhengwei **Source:** *SAE Technical Papers*, v 2017-August, August 25, 2017
**Database:** Compendex
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## 388. Fixed-time synchronization of four-dimensional energy resource systems with mismatched parameters

Tang, Rongqiang (School of Mathematical Sciences, Chongqing Normal University, Chongqing; 401331, China); Yang, Xinsong; Xu, Chen; Feng, Jianwen; Alsaadi, Fuad E.; Hayat, Tasawar **Source:** *Journal of Applied Mathematics and Computing*, p 1-16, October 29, 2017 Article in Press
**Database:** Compendex
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## 389. Fall detection based on depth image sequence

Liao, Liangcan (MOE Research Center for Software/Hardware Co-Design Engineering, East China Normal University, Shanghai; 200062, China); Cao, Guitao; Cao, Wenming **Source:** *WMSCI 2017 - 21st World Multi-Conference on Systemics, Cybernetics and Informatics, Proceedings*, v 2, p 319-324, 2017, *WMSCI 2017 - 21st World Multi-Conference on Systemics, Cybernetics and Informatics, Proceedings*
**Database:** Compendex
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## 390. Portfolio prediction of online advertisement keywords' biding via role-based collaboration

Liu, Dong-Ning (School of Computer, Guangdong University of Technology, Guangzhou, China); Wu, Xiao-Liang; Lu, Ming-Jian; Teng, Shao-Hua; Liang, Lu; Hou, Yan **Source:** *ACM International Conference Proceeding Series*, v Part F131195, p 237-238, September 22, 2017, *Proceedings - 12th Chinese Conference on Computer Supported Cooperative Work and Social Computing, ChineseCSCW 2017* **Language:** Chinese
**Database:** Compendex
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## 391. In situ nitrogen doping of TiO2by plasma enhanced atomic layer deposition for enhanced sodium storage performance

Lin, Jinhuan (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen Guangdong; 518060, China); Ma, Dingtao; Li, Yongliang; Zhang, Peixin; Mi, Hongwei; Deng, Libo; Sun, Lingna; Ren, Xiangzhong
**Source:** *Dalton Transactions*, v 46, n 38, p 13101-13107, 2017
**Database:** Compendex
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## 392. Equally sloped tomography applied to X-ray free electron lasers single-particle coherent diffraction imaging

Cheng, Guanxiao (College of Electronic Science and Technology, Shenzhen University, Shenzhen, Guangdong; 518061, China)  **Source:** *Optics InfoBase Conference Papers*, v Part F44-3D 2017, 2017, *3D Image Acquisition and Display: Technology, Perception and Applications, 3D 2017*
**Database:** Compendex
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## 393. Optical transparence windows for head tissues in near and short-wave infrared regions

Golovynskyi, Sergii (College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Golovynska, Iuliia; Stepanova, Ludmila; Datsenko, Oleksandr; Qu, Junle; Ohulchanskyy, Tymish Y. **Source:** *Optics InfoBase Conference Papers*, v Part F70-PIBM 2017, 2017, *International Conference on Photonics and Imaging in Biology and Medicine, PIBM 2017*
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## 394. Modelling heavy metals build-up on urban road surfaces for effective stormwater reuse strategy implementation

Hong, Nian (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Zhu, Panfeng; Liu, An **Source:** *Environmental Pollution*, v 231, p 821-828, 2017
**Database:** Compendex
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## 395. FLoc: Device-free passive indoor localization in complex environments

Chen, Wenqiang (College of Computer Science and Software Engineering, Shenzhen University, China); Guan, Maoning; Wang, Lu; Ruby, Rukhsana; Wu, Kaishun **Source:** *IEEE International Conference on Communications*, July 28, 2017, *2017 IEEE International Conference on Communications, ICC 2017*
**Database:** Compendex
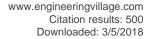Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 396. Edge-riched graphene nanoribbon for high capacity electrode materials

Ping, Yunjie (School of Physics and Technology, MOE Key Laboratory of Artificial Micro- and Nano-structures, Wuhan University, Wuhan; 430072, China); Zhang, Yupeng; Gong, Youning; Cao, Bing; Fu, Qiang; Pan, Chunxu **Source:** *Electrochimica Acta*, v 250, p 84-90, October 1, 2017
**Database:** Compendex
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## 397. Recent progress in fabrication and application of polydimethylsiloxane sponges

Zhu, Deyong (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Handschuh-Wang, Stephan; Zhou, Xuechang **Source:** *Journal of Materials Chemistry A*, v 5, n 32, p 16467-16497, 2017
**Database:** Compendex
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## 398. Optimizing Task Assignment with Minimum Cost on Heterogeneous Embedded Multicore Systems Considering Time Constraint

Zheng, Hua (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Zhang, Xi **Source:** *Proceedings - 3rd IEEE International Conference on Big Data Security on Cloud, BigDataSecurity 2017, 3rd IEEE International Conference on High Performance and Smart Computing, HPSC 2017 and 2nd IEEE International Conference on Intelligent Data and Security, IDS 2017*, p 225-230, July 13, 2017, *Proceedings - 3rd IEEE International Conference on Big Data Security on Cloud, BigDataSecurity 2017, 3rd IEEE International Conference on High Performance and Smart Computing, HPSC 2017 and 2nd IEEE International Conference on Intelligent Data and Security, IDS 2017*
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## 399. Enhanced knowledge-aided space–time adaptive processing exploiting inaccurate prior knowledge of the array manifold

Yang, Zhaocheng (College of Information Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); de Lamare, Rodrigo C. **Source:** *Digital Signal Processing: A Review Journal*, v 60, p 262-276, January 1, 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 400. Almost sure cluster synchronization of Markovian switching complex networks with stochastic noise via decentralized adaptive pinning control

Dong, Hailing (College of Mathematics and Statistics, Shenzhen University, Shenzhen; 518060, China); Ye, Danfeng; Feng, Jianwen; Wang, Jingyi **Source:** *Nonlinear Dynamics*, v 87, n 2, p 727-739, January 1, 2017
**Database:** Compendex
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## 401. Schedule risk modeling in prefabrication housing production

Li, Clyde Zhengdao (Department of Building and Real Estate, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong); Shen, Geoffrey Qiping; Xue, Fan; Luo, Lizi; Xu, Xiaoxiao; Sommer, Lucila **Source:** *Journal of Cleaner Production*, v 153, p 692-706, June 1, 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 402. Correcting bias in the rational polynomial coefficients of satellite imagery using thin-plate smoothing splines

Shen, Xiang (Key Laboratory for Geo-Environmental Monitoring of Coastal Zone of the National Administration of Surveying, Mapping and Geo-Information & Shenzhen Key Laboratory of Spatial-temporal Smart Sensing and Services, Shenzhen University, Nanhai Road 3688, Shenzhen; 518060, China); Liu, Bin; Li, Qing-Quan **Source:** *ISPRS Journal of Photogrammetry and Remote Sensing*, v 125, p 125-131, March 1, 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 403. The formation mechanisms of porous silicon prepared from dense silicon monoxide

Zeng, Shao-zhong (Shenzhen Key Laboratory of Special Functional Materials, Shenzhen Engineering Laboratory for Advance Technology of Ceramics, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Zeng, Xierong; Huang, Lin; Wu, Hongliang; Yao, Yuechao; Zheng, Xianfeng; Zou, Jizhao **Source:** *RSC Advances*, v 7, n 13, p 7990-7995, 2017

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## 404. A Thresholdless Tunable Raman Nanolaser using a ZnO–Graphene Superlattice

Zhu, Haiou (College of Optoelectronic Engineering, Shenzhen University, Shenzhen; GuangDong, China); Xu, Xintong; Tian, Xiaoqing; Tang, Jiaoning; Liang, Huawei; Chen, Lingling; Xie, Yi; Zhang, Xiaodong; Xiao, Chong; Li, Ran; Gu, Qiao; Hua, Ping; Ruan, Shuangchen **Source:** *Advanced Materials*, v 29, n 2, 2017

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## 405. Small Photoblinking Semiconductor Polymer Dots for Fluorescence Nanoscopy

Chen, Xuanze (State Key Laboratory of Membrane Biology, Biodynamic Optical Imaging Center (BIOPIC), College of Engineering, Peking University, School of Life Sciences, and Department of Biomedical Engineering, Beijing; 100871, China); Li, Rongqin; Liu, Zhihe; Sun, Kai; Sun, Zezhou; Chen, Danni; Xu, Gaixia; Xi, Peng; Wu, Changfeng; Sun, Yujie **Source:** *Advanced Materials*, v 29, n 5, 2017

**Database:** Compendex

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## 406. Local graph embedding based on maximum margin criterion via fuzzy set

Wan, Minghua (School of Technology, Nanjing Audit University, Nanjing; 211815, China); Lai, Zhihui; Yang, Guowei; Yang, Zhangjing; Zhang, Fanlong; Zheng, Hao **Source:** *Fuzzy Sets and Systems*, v 318, p 120-131, July 1, 2017

**Database:** Compendex

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## 407. WiHumidity: A novel CSI-based humidity measurement system

Zhang, Xiang (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Ruby, Rukhsana; Long, Jinfeng; Wang, Lu; Ming, Zhong; Wu, Kaishun **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10135 LNCS, p 537-547, 2017, *Smart Computing and Communication - 1st International Conference, SmartCom 2016, Proceedings*

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## 408. A genetic-ant-colony hybrid algorithm for task scheduling in cloud system

Wu, Zhilong (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Xing, Sheng; Cai, Shubin; Xiao, Zhijiao; Ming, Zhong **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10135 LNCS, p 183-193, 2017, *Smart Computing and Communication - 1st International Conference, SmartCom 2016, Proceedings*

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## 409. Automatic monitoring refractive index variations of transient solution during electrochemical reactions

Yuan, Boyu (Jiangsu Key Laboratory of Advanced Laser Materials and Devices, School of Physics and Electronic Engineering, Jiangsu Normal University, Xuzhou; Jiangsu; 221116, China); Tong, Shen; Zhang, Xiaoyan; Li, Liang; Wang, Chao **Source:** *Measurement: Journal of the International Measurement Confederation*, v 98, p 10-16, February 1, 2017

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## 410. Bank card and ID card number recognition in android financial APP

Cai, Shubin (Shenzhen University, Shenzhen; Guangdong Province, China); Wen, Jinchun; Xu, Honglong; Chen, Siming; Ming, Zhong **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10135 LNCS, p 205-213, 2017, *Smart Computing and Communication - 1st International Conference, SmartCom 2016, Proceedings*

**Database:** Compendex

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## 411. Orthogonal self-guided similarity preserving projection for classification and clustering

Fang, Xiaozhao (School of Computer Science and Technology, Guangdong University of Technology, Guangzhou; 510006, China); Xu, Yong; Li, Xuelong; Lai, Zhihui; Teng, Shaohua; Fei, Lunke **Source:** *Neural Networks*, v 88, p 1-8, April 1, 2017

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## 412. Experimental evidence of the large photonic band gap in two-dimensional square-lattice Al2O3rods array

Wang, Yong (College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Zhang, Dengguo; Xu, Shixiang; Xu, Biaogang; Dong, Zheng; Huang, Tan **Source:** *Microwave and Optical Technology Letters*, v 59, n 6, p 1347-1350, June 1, 2017

**Database:** Compendex

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## 413. Facile preparation of nitrogen/sulfur co-doped and hierarchical porous graphene hydrogel for high-performance electrochemical capacitor

Li, Jinhui (Shenzhen Institutes of Advanced Technology, University of Chinese Academy of Sciences, Shenzhen; 518055, China); Zhang, Guoping; Fu, Chaopeng; Deng, Libo; Sun, Rong; Wong, Ching-Ping **Source:** *Journal of Power Sources*, v 345, p 146-155, 2017

**Database:** Compendex

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## 414. Thermoelectric properties of composite films prepared with benzodithiophene derivatives and carbon nanotubes

Zhou, Xiaoyan (Shenzhen Key Laboratory of Polymer Science and Technology, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Pan, Chengjun; Liang, Ansheng; Wang, Lei; Wong, Wai-Yeung **Source:** *Composites Science and Technology*, v 145, p 40-45, June 16, 2017

**Database:** Compendex

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## 415. Kryptein: A compressive-sensing-based encryption scheme for the Internet of Things

Xue, Wanli (UNSW, Australia); Luo, Chengwen; Lan, Guohao; Rana, Rajib; Hu, Wen; Seneviratne, Aruna **Source:** *Proceedings - 2017 16th ACM/IEEE International Conference on Information Processing in Sensor Networks, IPSN 2017*, p 169-180, April 18, 2017, *Proceedings - 2017 16th ACM/IEEE International Conference on Information Processing in Sensor Networks, IPSN 2017*
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## 416. Inhibiting the concentration polarization of FO membranes based on the wettable microporous supporting layer and the enhanced dense skin layer

Zhao, Xinzhen (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Liu, Changkun **Source:** *Journal of Applied Polymer Science*, v 134, n 30, August 10, 2017
**Database:** Compendex
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## 417. Influence of Side-Polished Fiber Surface Topography on Surface Plasmon Resonance Wavelengths and the Full Width at Half-Maximum

Bai, Zhiyong (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen, China); Li, Mingquan; Zhao, Jing; Cao, Shaoqing; Wang, Ying; Liao, Changrui; Wang, Yiping **Source:** *IEEE Photonics Journal*, v 9, n 2, April 2017
**Database:** Compendex
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## 418. Energy shift between two relativistic laser pulses copropagating in plasmas

Yang, S.L. (HEDPS, Center for Applied Physics and Technology, School of Physics, Peking University, Beijing; 100871, China); Zhou, C.T.; Huang, T.W.; Ju, L.B.; He, X.T. **Source:** *Physical Review A*, v 95, n 5, May 3, 2017
**Database:** Compendex
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## 419. Relativistic laser hosing instability suppression and electron acceleration in a preformed plasma channel

Huang, T.W. (College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Zhou, C.T.; Zhang, H.; Wu, S.Z.; Qiao, B.; He, X.T.; Ruan, S.C. **Source:** *Physical Review E*, v 95, n 4, April 17, 2017
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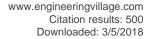Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 420. Tensor Voting Guided Mesh Denoising

Wei, Mingqiang (University of Technology, Hefei; 230009, China); Liang, Luming; Pang, Wai-Man; Wang, Jun; Li, Weishi; Wu, Huisi **Source:** *IEEE Transactions on Automation Science and Engineering*, v 14, n 2, p 931-945, April 2017
**Database:** Compendex
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## 421. CoO-Co3O4heterostructure nanoribbon/RGO sandwich-like composites as anode materials for high performance lithium-ion batteries

Sun, Lingna (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Deng, Qingwei; Li, Yongliang; Mi, Hongwei; Wang, Suhang; Deng, Libo; Ren, Xiangzhong; Zhang, Peixin **Source:** *Electrochimica Acta*, v 241, p 252-260, July 1, 2017
**Database:** Compendex
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## 422. Simulation and experimentation platforms for underwater acoustic sensor networks: Advancements and challenges

Luo, Hanjiang (Zibo Vocational Institute, Shenzhen University, Liantong Rd, Zibo, ShanDong; 255314, China); Wu, Kaishun; Ruby, Rukhsana; Hong, Feng; Guo, Zhongwen; Ni, Lionel M. **Source:** *ACM Computing Surveys*, v 50, n 2, May 2017
**Database:** Compendex
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## 423. Absorption characterization of immersion medium for multiphoton microscopy at the 1700-nm window

Wen, Wenhui (Key Laboratory of Optoelectronic Devices and Systems, Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Qiu, Ping **Source:** *Progress in Biomedical Optics and Imaging - Proceedings of SPIE*, v 10069, 2017, *Multiphoton Microscopy in the Biomedical Sciences XVII*
**Database:** Compendex
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## 424. Long period fiber grating based on periodically screw-Type distortions for torsion sensing

Deng, Mi (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Xu, Jinshan; Zhang, Zhe; Bai, Zhiyong; Liu, Shen; Wang, Ying; Zhang, Yan; Liao, Changrui; Jin, Wei; Peng, Gangding; Wang, Yiping **Source:** *Optics Express*, v 25, n 13, p 14308-14316, June 26, 2017
**Database:** Compendex
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## 425. Design of X-Ray Framing Camera with Single Perspective

Zong, Fangke (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, Shenzhen University, Shenzhen; Guangdong; 518060, China); Zhang, Jingjin; Lei, Baoguo; Guo, Baoping; Yang, Qinlao **Source:** *Guangxue Xuebao/Acta Optica Sinica*, v 37, n 5, May 10, 2017 **Language:** Chinese
**Database:** Compendex
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## 426. Protein complex detection via effective integration of base clustering solutions and co-complex affinity scores

Wu, Min (Institute for Infocomm Research (I2R), AStar, Singapore, Singapore); Ou-Yang, Le; Li, Xiao-Li **Source:** *IEEE/ ACM Transactions on Computational Biology and Bioinformatics*, v 14, n 3, p 733-739, May-June 2017
**Database:** Compendex
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# 427. Enhanced nucleation of diamond on three dimensional tools via stabilized colloidal nanodiamond in electrostatic self-assembly seeding process

Wang, Tao (Functional Thin Films Research Center, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, Shenzhen; 518055, China); Handschuh-Wang, Stephan; Zhang, Songquan; Zhou, Xuechang; Tang, Yongbing **Source:** *Journal of Colloid and Interface Science*, v 506, p 543-552, November 15, 2017
**Database:** Compendex
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# 428. Phasor-FLIM as a Screening Tool for the Differential Diagnosis of Actinic Keratosis, Bowen's Disease, and Basal Cell Carcinoma

Luo, Teng (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen, Guangdong; 518060, China); Lu, Yuan; Liu, Shaoxiong; Lin, Danying; Qu, Junle **Source:** *Analytical Chemistry*, v 89, n 15, p 8104-8111, August 1, 2017
**Database:** Compendex
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# 429. Label-free detection of bovine serum albumin based on an in-fiber Mach-Zehnder interferometric biosensor

Li, Zhengyong (Key Laboratory of Optoelectronic Devices and Systems, Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Liao, Changrui; Chen, Danni; Song, Jun; Jin, Wei; Peng, Gang-Ding; Zhu, Feng; Wang, Ying; He, Jun; Wang, Yiping **Source:** *Optics Express*, v 25, n 15, p 17105-17113, July 24, 2017
**Database:** Compendex
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# 430. Synthesis of LiFePO4/C composites cathode via solid-phase method

Sun, Lingna (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Yuan, Zhiyang; Xue, Yanfen; Hong, Weiliang; Ren, Xiangzhong; Zhang, Peixin **Source:** *Materials Science Forum*, v 900 MSF, p 74-77, 2017, *Research and Application of Functional Materials - ICSMR 2016*
**Database:** Compendex
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# 431. Combine HowNet lexicon to train phrase recursive autoencoder for sentence-level sentiment analysis

Fu, Xianghua (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, Guangdong; 518060, China); Liu, Wangwang; Xu, Yingying; Cui, Laizhong **Source:** *Neurocomputing*, v 241, p 18-27, June 7, 2017
**Database:** Compendex
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# 432. Noise reduction for cochlear implants by enhancing the temporal envelope

Fu, Guanghui (College of Information Engineering, Shenzhen University, China); Zheng, Nengheng; He, Wenzhi; Shao, Xiaowei **Source:** *INTER-NOISE 2017 - 46th International Congress and Exposition on Noise Control Engineering: Taming Noise and Moving Quiet*, v 2017-January, 2017, *INTER-NOISE 2017 - 46th International Congress and Exposition on Noise Control Engineering: Taming Noise and Moving Quiet*
**Database:** Compendex
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## 433. Synthesis of scalable and tunable slightly oxidized graphene via chemical vapor deposition

Sagar, Rizwan Ur Rehman (College of Materials Science and Engineering, Shenzhen Key Laboratory of Polymer Science and Technology, Guangdong Research Center for Interfacial Engineering of Functional Materials, Nanshan District Key Lab for Biopolymers and Safety Evaluation, Shenzhen University, Shenzhen; 518060, China); Namvari, Mina; Navale, Sachin T.; Stadler, Florian J. **Source:** *Journal of Colloid and Interface Science*, v 490, p 844-849, March 15, 2017
**Database:** Compendex
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## 434. A frequency, polarization and radiation pattern reconfigurable slot antenna

Ge, Lei (College of Electronic Science and Technology, Shenzhen University, Shenzhen, China) **Source:** *2017 International Workshop on Electromagnetics: Applications and Student Innovation Competition, iWEM 2017*, p 23-25, July 5, 2017, *2017 International Workshop on Electromagnetics: Applications and Student Innovation Competition, iWEM 2017*
**Database:** Compendex
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## 435. Saliency-based person re-identification by probability histogram

Zhang, Zongyan (Department of Computer Science and Technology, Tongji University, Shanghai, China); Zhao, Cairong; Miao, Duoqian; Wang, Xuekuan; Lai, Zhihui; Yang, Jian **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10118 LNCS, p 315-329, 2017, *Computer Vision - ACCV 2016 Workshops, ACCV 2016 International Workshops, Revised Selected Papers*
**Database:** Compendex
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## 436. Cartoon and Texture Decomposition-Based Color Transfer for Fabric Images

Han, Yu (College of Mathematics and Statistics, Shenzhen University, Shenzhen; 518060, China); Xu, Chen; Baciu, George; Li, Min; Islam, Md Robiul **Source:** *IEEE Transactions on Multimedia*, v 19, n 1, p 80-92, January 2017
**Database:** Compendex
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## 437. Cascaded Feature Network for Semantic Segmentation of RGB-D Images

Lin, Di (Shenzhen University, China); Chen, Guangyong; Cohen-Or, Daniel; Heng, Pheng-Ann; Huang, Hui **Source:** *Proceedings of the IEEE International Conference on Computer Vision*, v 2017-October, p 1320-1328, December 22, 2017, *Proceedings - 2017 IEEE International Conference on Computer Vision, ICCV 2017*
**Database:** Compendex
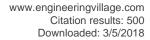Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 438. 3D Surface Detail Enhancement from a Single Normal Map

Xie, Wuyuan (Dept. of Computing, Hong Kong Polytechnic University, Hong Kong); Wang, Miaohui; Qi, Xianbiao; Zhang, Lei **Source:** *Proceedings of the IEEE International Conference on Computer Vision*, v 2017-October, p 2344-2352, December 22, 2017, *Proceedings - 2017 IEEE International Conference on Computer Vision, ICCV 2017*
**Database:** Compendex
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## 439. Fourier-space modification of a circular Airy beam and the creation of an optical needle

Deng, Xiangquan (College of Electronic Science and Technology, Shenzhen University, Shenzhen, Guangdong; 518060, China); Zheng, Guoliang; Xu, Shixiang; Wu, Qingyang **Source:** *Optics Communications*, v 402, p 159-162, November 1, 2017
**Database:** Compendex
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## 440. Learning Types for Binaries

Xu, Zhiwu (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Wen, Cheng; Qin, Shengchao **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10610 LNCS, p 430-446, 2017, *Formal Methods and Software Engineering - 19th International Conference on Formal Engineering Methods, ICFEM 2017, Proceedings*
**Database:** Compendex
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## 441. Wideband Dipole Array Loaded Substrate Integrated H-Plane Horn Antenna for Millimeter Waves

Wang, Jingxue (Institute of Lightwave Technology, Beijing Jiaotong University, Beijing; 100044, China); Li, Yujian; Ge, Lei; Wang, Junhong; Chen, Meie; Zhang, Zhan; Li, Zheng **Source:** *IEEE Transactions on Antennas and Propagation*, v 65, n 10, p 5211-5219, October 2017
**Database:** Compendex
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## 442. Full Solution-Phase Synthesis of Acetyl Hexapeptide-3 by Fragments Coupling Strategy

Zhang, Teng (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Song, Wei; Zhao, Jinli; Liu, Jianli **Source:** *Industrial and Engineering Chemistry Research*, v 56, n 41, p 11697-11704, October 18, 2017
**Database:** Compendex
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## 443. Polarization-Reconfigurable Magnetoelectric Dipole Antenna for 5G Wi-Fi

Ge, Lei (College of Electronic Science and Technology, Shenzhen University, Shenzhen; 518060, China); Yang, Xujun; Zhang, Dengguo; Li, Mingjian; Wong, Hang **Source:** *IEEE Antennas and Wireless Propagation Letters*, v 16, p 1504-1507, 2017
**Database:** Compendex
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## 444. Fabrication of high-performance and low-hysteresis lead halide perovskite solar cells by utilizing a versatile alcohol-soluble bispyridinium salt as an efficient cathode modifier

Chen, Guiting (Institute of Polymer Optoelectronic Materials and Devices, State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou; 510640, China); Zhang, Fan; Liu, Meiyue; Song, Jun; Lian, Jiarong; Zeng, Pengju; Yip, Hin-Lap; Yang, Wei; Zhang, Bin; Cao, Yong **Source:** *Journal of Materials Chemistry A*, v 5, n 34, p 17943-17953, 2017
**Database:** Compendex
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## 445. CNN-based ranking for biomedical entity normalization

Li, Haodi (Harbin Institute of Technology, Key Laboratory of Network Oriented Intelligent Computation, Shenzhen, GuangDong, China); Chen, Qingcai; Tang, Buzhou; Wang, Xiaolong; Xu, Hua; Wang, Baohua; Huang, Dong **Source:** *BMC Bioinformatics*, v 18, October 3, 2017
**Database:** Compendex
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## 446. Multi-objective memetic algorithm based on request prediction for dynamic pickup-and-delivery problems

Yang, Yanming (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Sun, Yiwen; Zhu, Zexuan **Source:** *2017 IEEE Congress on Evolutionary Computation, CEC 2017 - Proceedings*, p 1728-1733, July 5, 2017, *2017 IEEE Congress on Evolutionary Computation, CEC 2017 - Proceedings*
**Database:** Compendex
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## 447. One-step rapid in-situ synthesis of nitrogen and sulfur co-doped three-dimensional honeycomb-ordered carbon supported PdNi nanoparticles as efficient electrocatalyst for oxygen reduction reaction in alkaline solution

Li, Yongliang (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Lin, Sen; Ren, Xiangzhong; Mi, Hongwei; Zhang, Peixin; Sun, Lingna; Deng, Libo; Gao, Yuan **Source:** *Electrochimica Acta*, v 253, p 445-454, November 1, 2017
**Database:** Compendex
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## 448. Development of a chemically defined medium for better yield and purification of enterocin Y31 from enterococcus faecium Y31

Liu, Wenli (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Zhang, Lanwei; Yi, Huaxi **Source:** *Journal of Food Quality*, v 2017, September 6, 2017
**Database:** Compendex
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## 449. Super-resolution for images with barrel lens distortions

Su, Mei (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; Guangdong Province, China); Hung, Kwok-Wai; Jiang, Jianmin **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10412 LNAI, p 249-257, 2017, *Knowledge Science, Engineering and Management - 10th International Conference, KSEM 2017, Proceedings*
**Database:** Compendex
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## 450. Revealing the Nitridation Effects on GaN Surface by First-Principles Calculation and X-Ray/Ultraviolet Photoemission Spectroscopy

Zhang, Zhaofu (Department of Electronic and Computer Engineering, Hong Kong University of Science and Technology, Hong Kong, Hong Kong); Li, Baikui; Qian, Qingkai; Tang, Xi; Hua, Mengyuan; Huang, Baoling; Chen, Kevin J. **Source:** *IEEE Transactions on Electron Devices*, v 64, n 10, p 4036-4043, October 2017
**Database:** Compendex
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## 451. Determination of optical fiber parameters based on fiber gratings and a search procedure

Yin, Guolu (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Tang, Jian; Liao, Changrui; He, Jun; Sun, Bing; Wang, Guanjun; Wang, Yiping **Source:** *Journal of Lightwave Technology*, v 35, n 16, p 3591-3596, August 15, 2017
**Database:** Compendex
**Data Provider:** Engineering Village

## 452. Sealing of Immersion Deuterium Dioxide and Its Application to Signal Maintenance for Ex-Vivo and In-Vivo Multiphoton Microscopy Excited at the 1700-nm Window

Liu, Hongji (Key Laboratory of Optoelectronic Devices and Systems, Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Du, Yu; Peng, Xiao; Zhou, Xuechang; Qiu, Ping; Wang, Ke **Source:** *IEEE Photonics Journal*, v 9, n 5, October 2017
**Database:** Compendex
**Data Provider:** Engineering Village

## 453. Characterization of brominated flame retardants from e-waste components in China

Yu, Danfeng (College of Civil Engineering, Shenzhen University, Shenzhen; 518060, China); Duan, Huabo; Song, Qingbin; Liu, Yicheng; Li, Ying; Li, Jinhui; Shen, Weijun; Luo, Jiahui; Wang, Jinben **Source:** *Waste Management*, v 68, p 498-507, October 2017
**Database:** Compendex
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## 454. Novel Magnetic-Luminescent Janus Nanoparticles for Cell Labeling and Tumor Photothermal Therapy

Wu, Qiang (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, No. 3688 Nanhai Avenue, Shenzhen; 518060, China); Lin, Yining; Wo, Fangjie; Yuan, Yufeng; Ouyang, Qingling; Song, Jun; Qu, Junle; Yong, Ken-Tye **Source:** *Small*, v 13, n 39, October 18, 2017
**Database:** Compendex
**Data Provider:** Engineering Village

## 455. Automatic Leaf Recognition Based on Deep Convolutional Networks

Wu, Huisi (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Xiang, Yongkui; Liu, Jingjing; Wen, Zhenkun **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10636 LNCS, p 505-515, 2017, *Neural Information Processing - 24th International Conference, ICONIP 2017, Proceedings*
**Database:** Compendex
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## 456. Large-area and highly crystalline MoSe2for optical modulator

Yin, Jinde (Shenzhen Key Laboratory of Laser Engineering, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Chen, Hao; Lu, Wei; Liu, Mengli; Ling Li, Irene; Zhang, Min; Zhang, Wenfei; Wang, Jinzhang; Xu, Zihan; Yan, Peiguang; Liu, Wenjun; Ruan, Shuangchen **Source:** *Nanotechnology*, v 28, n 48, November 9, 2017
**Database:** Compendex
**Data Provider:** Engineering Village

## 457. Observing electron-correlation features in two-photon double ionization of helium

Jiang, Wei-Chao (College of Physics and Energy, Shenzhen University, Shenzhen; 518060, China); Nagele, Stefan; Burgdörfer, Joachim **Source:** *Physical Review A*, v 96, n 5, November 27, 2017
**Database:** Compendex
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## 458. Focus-before-detection radar signal processing: Part i-challenges and methods

Xu, Jia (School of Information and Electronics, Beijing Institute of Technology, Beijing; 100081, China); Peng, Ying-Ning; Xia, Xiang-Gen; Long, Teng; Mao, Er-Ke; Farina, Alfonso **Source:** *IEEE Aerospace and Electronic Systems Magazine*, v 32, n 9, p 48-59, September 2017
**Database:** Compendex
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## 459. Purification and characterization of a black walnut (Juglans nigra) allergen, Jug n 4

Zhang, Yu-Zhu (Western Regional Research Center, U.S. Department of Agriculture, Pacific West Area, 800 Buchanan Street, Albany; CA; 94710, United States); Du, Wen-Xian; Fan, Yuting; Yi, Jiang; Lyu, Shu-Chen; Nadeau, Kari C.; Thomas, Andrew L.; McHugh, Tara **Source:** *Journal of Agricultural and Food Chemistry*, v 65, n 2, p 454-462, 2017
**Database:** Compendex
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## 460. Two-Class Weather Classification

Lu, Cewu (Department of Computer Science and Engineering, Shanghai Jiaotong University, Shanghai; 200240, China); Lin, Di; Jia, Jiaya; Tang, Chi-Keung **Source:** *IEEE Transactions on Pattern Analysis and Machine Intelligence*, v 39, n 12, p 2510-2524, December 1, 2017
**Database:** Compendex
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## 461. A channel estimation scheme for MIMO-OFDM systems

He, Chunlong (College of Information Engineering, Shenzhen University, Shenzhen, China); Tian, Chu; Li, Xingquan; Zhang, Ce; Zhang, Shiqi; Liu, Chaowen **Source:** *Journal of Physics: Conference Series*, v 887, n 1, September 8, 2017, *2nd Annual International Conference on Information System and Artificial Intelligence, ISAI 2017*
**Database:** Compendex
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## 462. A new blockchain-based value-added tax system

Wijaya, Dimaz Ankaa (Faculty of Information Technology, Monash University, Melbourne, Australia); Liu, Joseph K.; Suwarsono, Dony Ariadi; Zhang, Peng **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10592 LNCS, p 471-486, 2017, *Provable Security - 11th International Conference, ProvSec 2017, Proceedings*
**Database:** Compendex
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**463. An eFTD-VP framework for efficiently generating patient-specific anatomically detailed facial soft tissue FE mesh for craniomaxillofacial surgery simulation**

Zhang, Xiaoyan (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Kim, Daeseung; Shen, Shunyao; Yuan, Peng; Liu, Siting; Tang, Zhen; Zhang, Guangming; Zhou, Xiaobo; Gateno, Jaime; Liebschner, Michael A. K.; Xia, James J. **Source:** *Biomechanics and Modeling in Mechanobiology*, p 1-16, October 12, 2017 Article in Press
**Database:** Compendex
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**464. Learning deep semantic attributes for user video summarization**

Sun, Ke (University of Nottingham, Ningbo, China); Zhu, Jiasong; Lei, Zhuo; Hou, Xianxu; Zhang, Qian; Duan, Jiang; Qiu, Guoping **Source:** *Proceedings - IEEE International Conference on Multimedia and Expo*, p 643-648, August 28, 2017, *2017 IEEE International Conference on Multimedia and Expo, ICME 2017*
**Database:** Compendex
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**465. Residual convolution network based steganalysis with adaptive content suppression**

Wu, Songtao (College of Computer Science and Software Engineering, Shenzhen University, China); Zhong, Sheng-Hua; Liu, Yan **Source:** *Proceedings - IEEE International Conference on Multimedia and Expo*, p 241-246, August 28, 2017, *2017 IEEE International Conference on Multimedia and Expo, ICME 2017*
**Database:** Compendex
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**466. Nitrogen-doped carbon nanotubes with encapsulated Fe nanoparticles as efficient oxygen reduction catalyst for alkaline membrane direct ethanol fuel cells**

Rauf, Muhammad (State Key Laboratory of Physical Chemistry of Solid Surfaces, Collaborative Innovation Center of Chemistry for Energy Materials, College of Chemistry and Chemical Engineering, Xiamen University, Xiamen; 361005, China); Chen, Rongrong; Wang, Qiang; Wang, Yu-Cheng; Zhou, Zhi-You **Source:** *Carbon*, v 125, p 605-613, December 2017
**Database:** Compendex
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**467. Rotational Invariant Dimensionality Reduction Algorithms**

Lai, Zhihui (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Xu, Yong; Yang, Jian; Shen, Linlin; Zhang, David **Source:** *IEEE Transactions on Cybernetics*, v 47, n 11, p 3733-3746, November 2017
**Database:** Compendex
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**468. Bane to boon: Intrinsic defect sensitized photoluminescence from Mn2+or rare-earth ion doped fluorosilicate photonic glasses**

Hu, Qingliu (Key Laboratory of In-fiber Integrated Optics, Ministry Education of China, Harbin Engineering University, Harbin; 150001, China); Gao, Zhigang; Lu, Xiaosong; Ren, Jing; He, Fei; Fang, Zaijin; Liu, Yinyao; Sun, Shiyu; Yang, Piaoping; Wang, Pengfei **Source:** *Journal of Materials Chemistry C*, v 5, n 45, p 11806-11814, 2017
**Database:** Compendex
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## 469. Fuzzy threshold-based uniform local binary patterns for hyperspectral imagery classification

Jia, Sen (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Hu, Jie; Deng, Lin; Su, Hongjun **Source:** *Workshop on Hyperspectral Image and Signal Processing, Evolution in Remote Sensing*, October 18, 2017, *2016 8th Workshop on Hyperspectral Image and Signal Processing: Evolution in Remote Sensing, WHISPERS 2016*
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## 470. Turbulent wind characteristics of tropical cyclones based on a revised uniform analysis framework

Li, Lixiao (College of Civil Engineering, Shenzhen University, Shenzhen, China); Wu, Teng; Xiao, Yiqing; Song, Lili
**Source:** *Mechanics of Structures and Materials: Advancements and Challenges - Proceedings of the 24th Australasian Conference on the Mechanics of Structures and Materials, ACMSM24 2016*, p 1331-1338, 2017, *Mechanics of Structures and Materials: Advancements and Challenges - Proceedings of the 24th Australasian Conference on the Mechanics of Structures and Materials, ACMSM24 2016*
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## 471. Impact of fuzziness categorization on divide and conquer strategy for instance selection

Ashfaq, Rana Aamir Raza (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Wang, Xi-Zhao **Source:** *Journal of Intelligent and Fuzzy Systems*, v 33, n 2, p 1007-1018, 2017
**Database:** Compendex
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## 472. Editorial: Industrial Internet of Things (I2oT)

Maglaras, Leandros (De Montfort University, The Gateway, Leicester; LE1 9BH, United Kingdom); Shu, Lei; Maglaras, Athanasios; Jiang, Jianmin; Janicke, Helge; Katsaros, Dimitrios; Cruz, Tiago J. **Source:** *Mobile Networks and Applications*, p 1-3, October 2, 2017 Article in Press
**Database:** Compendex
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## 473. Synchronization of nonlinear coupled networks with time-delay via aperiodically intermittent pinning control

Yi, Chengbo (College of Mathematics and Statistics, Shenzhen University, Shenzhen; 518060, China); Feng, Jianwen; Zhao, Yi **Source:** *Chinese Control Conference, CCC*, p 226-231, September 7, 2017, *Proceedings of the 36th Chinese Control Conference, CCC 2017*
**Database:** Compendex
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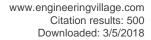**Data Provider:** Engineering Village

## 474. Manipulation of Surface Plasmon Resonance in Sub-Stoichiometry Molybdenum Oxide Nanodots through Charge Carrier Control Technique

Li, Yiwen (Department of Electrical and Electronic Engineering, South University of Science and Technology of China, Shenzhen; 518055, China); Cheng, Jiaji; Liu, Yizun; Liu, Peizhao; Cao, Wanqiang; He, Tingchao; Chen, Rui; Tang, Zikang **Source:** *Journal of Physical Chemistry C*, v 121, n 9, p 5208-5214, March 9, 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 475. Exact algorithms and evolutionary algorithms for randomized time-varying knapsack problem

He, Yi-Chao (College of Information and Engineering, Hebei GEO University, Shijiazhuang; 050031, China); Wang, Xi-Zhao; Li, Wen-Bin; Zhao, Shu-Liang **Source:** *Ruan Jian Xue Bao/Journal of Software*, v 28, n 2, p 185-202, February 1, 2017 **Language:** Chinese
**Database:** Compendex
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## 476. Model predictive control for autonomous rendezvous and docking with a tumbling target

Li, Qi (National Key Laboratory of Aerospace Flight Dynamics, Northwestern Polytechnical University, Xi'an, China); Yuan, Jianping; Zhang, Bo; Gao, Chen **Source:** *Aerospace Science and Technology*, v 69, p 700-711, October 2017
**Database:** Compendex
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## 477. Improved performance of multi-view fringe projection 3D microscopy

Wang, Meng (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Yin, Yongkai; Deng, Dingnan; Meng, Xiangfeng; Liu, Xiaoli; Peng, Xiang **Source:** *Optics Express*, v 25, n 16, p 19408-19421, August 7, 2017
**Database:** Compendex
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## 478. Global sparse gradient guided variational Retinex model for image enhancement

Zhang, Rui (School of Mathematics and Statistics, Xidian University, Xi'an, Shaanxi; 710171, China); Feng, Xiangchu; Yang, Lixia; Chang, Lihong; Xu, Chen **Source:** *Signal Processing: Image Communication*, v 58, p 270-281, October 2017
**Database:** Compendex
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## 479. Air plasma etching towards rich active sites in Fe/N-porous carbon for the oxygen reduction reaction with superior catalytic performance

Zhong, Wenhua (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Chen, Jiaxiang; Zhang, Peixin; Deng, Libo; Yao, Lei; Ren, Xiangzhong; Li, Yongliang; Mi, Hongwei; Sun, Lingna **Source:** *Journal of Materials Chemistry A*, v 5, n 32, p 16605-16610, 2017
**Database:** Compendex
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## 480. Low-energy electron excitation effect on formation of graphene nanocrystallites during carbon film growth process

Chen, Wencong (Institute of Nanosurface Science and Engineering, Guangdong Provincial Key Laboratory of Micro/Nano Optomechatronics Engineering, Shenzhen University, Shenzhen; 518060, China); Zhang, Xi; Diao, Dongfeng **Source:** *Applied Physics Letters*, v 111, n 11, September 11, 2017
**Database:** Compendex
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## 481. Supervoxel Segmentation and Bias Correction of MR Image with Intensity Inhomogeneity

Gao, Jingjing (School of Electronic Engineering, University of Electronic Science and Technology of China, Chengdu; Sichuan; 611731, China); Dai, Xin; Zhu, Chongjin; Cheng, Jie-Zhi; Tu, Xiaoguang; Chen, Daiqiang; Sun, Bin; Gao, Yachun; Xie, Mei **Source:** *Neural Processing Letters*, p 1-14, September 12, 2017 Article in Press
**Database:** Compendex
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## 482. Key Performance Indicators for Regional Construction Supervision Systems in China

Ding, Zhikun (Shenzhen University, China); Wang, Jiayuan; Zuo, Jian; Gong, Wenyan **Source:** *EMJ - Engineering Management Journal*, v 29, n 3, p 179-188, July 3, 2017
**Database:** Compendex
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## 483. White Light Scanning Interferometry Based on Generalized Cross-Correlation Time Delay Estimation

Zhou, Yunfei (Guangdong Provincial Key Laboratory of Nanophotonic Functional Materials and Devices, South China Normal University, Guangzhou; 510006, China); Zhong, Liyun; Cai, Hongzhi; Tian, Jindong; Li, Dong; Lu, Xiaoxu
**Source:** *IEEE Photonics Journal*, v 9, n 5, October 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 484. Solid-state synthesis strategy of ZnO nanoparticles for the rapid detection of hazardous Cl2

Navale, S.T. (College of Materials Science and Engineering, Shenzhen Key Laboratory of Polymer Science and Technology, Guangdong Research Center for Interfacial Engineering of Functional Materials, Nanshan District Key Lab for Biopolymers and Safety Evaluation, Shenzhen University, Shenzhen; 518060, China); Jadhav, V.V.; Tehare, K.K.; Sagar, R.U.R.; Biswas, C.S.; Galluzzi, M.; Liang, W.; Patil, V.B.; Mane, R.S.; Stadler, F.J. **Source:** *Sensors and Actuators, B: Chemical*, v 238, p 1102-1110, January 1, 2017
**Database:** Compendex
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## 485. Reduced graphene oxide/$\alpha$-Fe2O3 hybrid nanocomposites for room temperature NO2 sensing

Zhang, Hao (Shenzhen Key Laboratory of Laser Engineering, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Yu, Li; Li, Qun; Du, Yu; Ruan, Shuangchen **Source:** *Sensors and Actuators, B: Chemical*, v 241, p 109-115, March 31, 2017
**Database:** Compendex
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## 486. A parallel computing framework for big data

Chen, Guoliang (Guangdong Province Key Laboratory of Popular High Performance Computers, Shenzhen; 518060, China); Mao, Rui; Lu, Kezhong **Source:** *Frontiers of Computer Science*, v 11, n 4, p 608-621, August 1, 2017
**Database:** Compendex
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## 487. Correlation of a new index with energy-based damage indices

Guan, Minsheng (College of Civil Engineering, Shenzhen University, Shenzhen, China); Du, Hongbiao; Cui, Jie; Feng, Wenxian; Jiang, Haibo **Source:** *Proceedings of the Institution of Civil Engineers: Structures and Buildings*, v 170, n 1, p 51-66, January 1, 2017
**Database:** Compendex
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## 488. Non-magnetic thin films for magnetic field position sensor

Sagar, Rizwan Ur Rehman (College of Materials Science and Engineering, Shenzhen Key Laboratory of Polymer Science and Technology, Guangdong Research Center for Interfacial Engineering of Functional Materials, Nanshan District Key Lab for Biopolymers and Safety Evaluation, Shenzhen University, Shenzhen; 518060, China); Saleemi, Awais Siddique; Shehzad, Khurram; Navale, Sachin T.; Mane, Rajaram S.; Stadler, Florian J. **Source:** *Sensors and Actuators, A: Physical*, v 254, p 89-94, February 1, 2017
**Database:** Compendex
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## 489. Three-step effluent chlorination increases disinfection efficiency and reduces DBP formation and toxicity

Li, Yu (Department of Civil and Environmental Engineering, The Hong Kong University of Science and Technology, Hong Kong); Zhang, Xiangru; Yang, Mengting; Liu, Jiaqi; Li, Wanxin; Graham, Nigel J.D.; Li, Xiaoyan; Yang, Bo **Source:** *Chemosphere*, v 168, p 1302-1308, 2017
**Database:** Compendex
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## 490. Robust sparsity-based space-time adaptive processing considering array gain/phase errors

Zhu, Yiang (College of Information Engineering, Shenzhen University, Shenzhen, Guangdong; 518000, China); Yang, Zhaocheng; Huang, Jianjun **Source:** *International Conference on Signal Processing Proceedings, ICSP*, p 1624-1628, March 13, 2017, *ICSP 2016 - 2016 IEEE 13th International Conference on Signal Processing, Proceedings*
**Database:** Compendex
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## 491. Electrochemical Analysis the influence of Propargyl Methanesulfonate as Electrolyte Additive for Spinel LTO Interface Layer

Wang, Renheng (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Wang, Zhixing; Li, Xinhai; Zhang, Han **Source:** *Electrochimica Acta*, v 241, p 208-219, July 1, 2017
**Database:** Compendex
Compilation and indexing terms, Copyright 2018 Elsevier Inc.
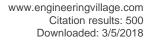**Data Provider:** Engineering Village

## 492. The propagation characteristics of circular airy beam with low-pass filtering modification

Zheng, Guoliang (College of Electronic Science and Technology, Shenzhen University, Shenzhen, Guangdong; 518060, China); Deng, Xiangquan; Xu, Shixiang; Wu, Qingyang **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 10256, 2017, *Second International Conference on Photonics and Optical Engineering*
**Database:** Compendex
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## 493. A discrete bacterial algorithm for feature selection in classification of microarray gene expression cancer data

Wang, Hong (Department of Mechanical Engineering, The Hong Kong Polytechnic University, Hong Kong, Hong Kong); Jing, Xingjian; Niu, Ben **Source:** *Knowledge-Based Systems*, v 126, p 8-19, June 15, 2017
**Database:** Compendex
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## 494. Flexible generation of femtosecond cylindrical vector beams

Zhang, Yuquan (Shenzhen University & Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Dou, Xiujie; Yang, Yong; Xie, Chen; Bu, Jing; Min, Changjun; Yuan, Xiaocong **Source:** *Chinese Optics Letters*, v 15, n 3, March 10, 2017 **Language:** Chinese
**Database:** Compendex
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## 495. Querying Intimate-Core Groups in Weighted Graphs

Zheng, Dong (University of British Columbia, Canada); Liu, Jianquan; Li, Rong-Hua; Aslay, Cigdem; Chen, Yi-Cheng; Huang, Xin **Source:** *Proceedings - IEEE 11th International Conference on Semantic Computing, ICSC 2017*, p 156-163, March 29, 2017, *Proceedings - IEEE 11th International Conference on Semantic Computing, ICSC 2017*
**Database:** Compendex
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## 496. A low-profile reconfigurable cavity-backed slot antenna with frequency, polarization, and radiation pattern agility

Ge, Lei (College of Electronic Science and Technology, Shenzhen University, Shenzhen; 518000, China); Li, Yujian; Wang, Jianpeng; Sim, Chow-Yen-Desmond **Source:** *IEEE Transactions on Antennas and Propagation*, v 65, n 5, p 2182-2189, May 2017
**Database:** Compendex
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## 497. Synchronization of delayed neural networks with hybrid coupling via partial mixed pinning impulsive control

Yi, Chengbo (College of Mathematics and Statistics, Shenzhen University, Shenzhen 518060, China); Feng, Jianwen; Wang, Jingyi; Xu, Chen; Zhao, Yi **Source:** *Applied Mathematics and Computation*, v 312, p 78-90, November 1, 2017
**Database:** Compendex
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## 498. Multiphoton signal increase due to repetition rate doubling in a photonic crystal rod

Wang, Ke (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); He, Jiexing; Qiu, Ping **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 10094, 2017, *Frontiers in Ultrafast Optics: Biomedical, Scientific, and Industrial Applications XVII*
**Database:** Compendex
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## 499. A novel artificial bee colony algorithm with an adaptive population size for numerical function optimization

Cui, Laizhong (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Li, Genghui; Zhu, Zexuan; Lin, Qiuzhen; Wen, Zhenkun; Lu, Nan; Wong, Ka-Chun; Chen, Jianyong **Source:** *Information Sciences*, v 414, p 53-67, November 2017
**Database:** Compendex
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## 500. Approach to multiplexing fiber communication with cylindrical vector beams

Qiao, Wen (Nano-Photonics Research Center, Shenzhen University, Shenzhen; 518060, China); Lei, Ting; Wu, Zhentian; Gao, Shecheng; Li, Zhaohui; Yuan, Xiaocong **Source:** *Optics Letters*, v 42, n 13, p 2579-2582, July 1, 2017
**Database:** Compendex
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## 1. 4D Reconstruction of Blooming Flowers

Zheng, Qian (Shenzhen University, Shenzhen, China); Fan, Xiaochen; Gong, Minglun; Sharf, Andrei; Deussen, Oliver; Huang, Hui **Source:** *Computer Graphics Forum*, v 36, n 6, p 405-417, September 2017
**Database:** Compendex
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## 2. Recent advances in hybrid measurement methods based on atomic force microscopy and surface sensitive measurement techniques

Handschuh-Wang, Stephan (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Wang, Tao; Zhou, Xuechang **Source:** *RSC Advances*, v 7, n 75, p 47464-47499, 2017
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## 3. Image decomposition fusion method based on sparse representation and neural network

Chang, Lihong (School of Mathematics and Statistics, Xidian University, Xi'an; Shaanxi; 710171, China); Feng, Xiangchu; Zhang, Rui; Huang, Hua; Wang, Weiwei; Xu, Chen **Source:** *Applied Optics*, v 56, n 28, p 7969-7977, October 1, 2017
**Database:** Compendex
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## 4. Detecting review spammer groups

Yang, Min (University of Hong Kong, Hong Kong); Lu, Ziyu; Chen, Xiaojun; Xu, Fei **Source:** *31st AAAI Conference on Artificial Intelligence, AAAI 2017*, p 5011-5012, 2017, *31st AAAI Conference on Artificial Intelligence, AAAI 2017*
**Database:** Compendex
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## 5. Insights of object proposal evaluation

Wang, Yuantian (State Key Laboratory for Novel Software Technology, Nanjing University, Nanjing, China); Huang, Lei; Ren, Tongwei; Zhong, Sheng-Hua; Gu, Han; Liu, Yan **Source:** *Multimedia Tools and Applications*, p 1-20, December 4, 2017 Article in Press
**Database:** Compendex
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## 6. Triple-mode cavity bandpass filter under excitation via U-shaped slots

Guo, Zai-Cheng (School of Electronic and Information Engineering, South China University of Technology, Guangzhou; 510640, China); Wong, Sai-Wai; Lin, Jing-Yu; Zhu, Lei; Chu, Qing-Xin **Source:** *Electronics Letters*, v 53, n 24, p 1580-1582, November 23, 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 7. Varied crystalline orientation of anatase TiO2nanotubes from [101] to [001] promoted by TiF62-ions and their enhanced photoelectrochemical performance

Ding, Dong (State Key Laboratory of Superhard Materials, Jilin University, Chang Chun; 130012, China); Zhou, Bo; Fu, Wuyou; Lv, Pin; Yao, Huizhen; Liu, Li; Wang, Jun; Yang, Haibin **Source:** *Journal of Materials Science*, p 1-9, November 6, 2017 Article in Press
**Database:** Compendex
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## 8. Efficient Split-Lanczos propagator for strong-field ionization of atoms

Jiang, Wei-Chao (College of Physics and Energy, Shenzhen University, Shenzhen; 518060, China); Tian, Xiao-Qing
**Source:** *Optics Express*, v 25, n 22, p 26832-26843, October 30, 2017
**Database:** Compendex
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## 9. Bragg gratings inscribed in selectively inflated photonic crystal fibers

Wang, Chao (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); He, Jun; Zhang, Jingchuan; Liao, Changrui; Wang, Ying; Jin, Wei; Wang, Yiping; Wang, Junhua **Source:** *Optics Express*, v 25, n 23, p 28442-28450, November 13, 2017
**Database:** Compendex
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## 10. Multi-population Based Search Strategy Ensemble Artificial Bee Colony Algorithm with a Novel Resource Allocation Mechanism

Wu, Liu (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Sun, Zhiwei; Zhang, Kai; Li, Genghui; Wang, Ping **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10637 LNCS, p 336-345, 2017, *Neural Information Processing - 24th International Conference, ICONIP 2017, Proceedings*
**Database:** Compendex
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## 11. Preliminary thermal analysis of a combined photovoltaic–photothermic–nocturnal radiative cooling system

Hu, Mingke (Department of Thermal Science and Energy Engineering, University of Science and Technology of China, Hefei; 230027, China); Zhao, Bin; Li, Jing; Wang, Yunyun; Pei, Gang **Source:** *Energy*, v 137, p 419-430, October 15, 2017
**Database:** Compendex
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## 12. Feature Guided Fingerprint Pore Matching

Liu, Feng (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; Guangdong, China); Zhao, Yuanhao; Shen, Linlin **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10568 LNCS, p 334-343, 2017, *Biometric Recognition - 12th Chinese Conference, CCBR 2017, Proceedings*
**Database:** Compendex
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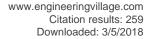**Data Provider:** Engineering Village

## 13. Attention-based LSTM for target-dependent sentiment classification

Yang, Min (University of Hong Kong, Hong Kong, Hong Kong); Tu, Wenting; Wang, Jingxuan; Xu, Fei; Chen, Xiaojun
**Source:** *31st AAAI Conference on Artificial Intelligence, AAAI 2017*, p 5013-5014, 2017, *31st AAAI Conference on Artificial Intelligence, AAAI 2017*
**Database:** Compendex
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## 14. Liver Fibrosis Classification Based on Transfer Learning and FCNet for Ultrasound Images

Meng, Dan (MOE Research Center for Software/Hardware Co-Design Engineering, East China Normal University, Shanghai; 20062, China); Zhang, Libo; Cao, Guitao; Cao, Wenming; Zhang, Guixu; Hu, Bing **Source:** *IEEE Access*, v 5, p 5804-5810, 2017
**Database:** Compendex
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## 15. Enhanced Visualization of Hematoxylin and Eosin Stained Pathological Characteristics by Phasor Approach

Luo, Teng (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Lu, Yuan; Liu, Shaoxiong; Lin, Danying; Qu, Junle **Source:** *Analytical Chemistry*, v 89, n 17, p 9224-9231, September 5, 2017
**Database:** Compendex
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## 16. Distributionally Robust Collaborative Beamforming in D2D Relay Networks with Interference Constraints

Gong, Shimin (Chinese Academy of Sciences, Shenzhen Institutes of Advanced Technology, Shenzhen; 518055, China); Wu, Sissi Xiaoxiao; So, Anthony Man-Cho; Huang, Xiaoxia **Source:** *IEEE Transactions on Wireless Communications*, v 16, n 8, p 5048-5060, August 2017
**Database:** Compendex
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## 17. Quasi-synchronization of coupled heterogeneous duffing-type oscillator complex networks with parameter mismatches

Hu, Mengmeng (College of Mathematics and Statistics, Shenzhen University, Shenzhen; 518060, China); Feng, Jianwen; Zhao, Yi **Source:** *Proceedings of the 29th Chinese Control and Decision Conference, CCDC 2017*, p 4591-4596, July 12, 2017, *Proceedings of the 29th Chinese Control and Decision Conference, CCDC 2017*
**Database:** Compendex
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## 18. A PIID-DTBT based semi-conducting polymer dots with broad and strong optical absorption in the visible-light region: Highly effective contrast agents for multiscale and multi-spectral photoacoustic imaging

Zhang, Jian (Bioimaging Core, Faculty of Health Sciences, University of Macau, Taipa, Macau SAR; 999078, China); Chen, Haobin; Zhou, Ting; Wang, Limei; Gao, Duyang; Zhang, Xuanjun; Liu, Yubin; Wu, Changfeng; Yuan, Zhen **Source:** *Nano Research*, v 10, n 1, p 64-76, January 1, 2017
**Database:** Compendex
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## 19. Composition, distribution and risk of total fluorine, extractable organofluorine and perfluorinated compounds in Chinese teas

Zhang, Ruobing (College of Physics and Energy, Shenzhen University, Shenzhen; 518060, China); Zhang, Hong; Chen, Qingwu; Luo, Ji; Chai, Zhifang; Shen, Jincan **Source:** *Food Chemistry*, v 219, p 496-502, March 15, 2017
**Database:** Compendex
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## 20. Convolutional neural networks for hyperspectral image classification

Yu, Shiqi (College of Computer Science and Software Engineering, Shenzhen University, China); Jia, Sen; Xu, Chunyan **Source:** *Neurocomputing*, v 219, p 88-98, January 5, 2017
**Database:** Compendex
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## 21. Two-step method for preparing all-inorganic CsPbBr3perovskite film and its photoelectric detection application

Liu, Dongjue (Key Laboratory of Optoelectronic Technology and Systems of the Education Ministry of China, College of Optoelectronic Engineering, Chongqing University, Chongqing; 400044, China); Hu, Zhiping; Hu, Wei; Wangyang, Peihua; Yu, Kuai; Wen, Mengqing; Zu, Zhiqiang; Liu, Juan; Wang, Ming; Chen, Weiwei; Zhou, Miao; Tang, Xiaosheng; Zang, Zhigang **Source:** *Materials Letters*, v 186, p 243-246, January 1, 2017
**Database:** Compendex
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## 22. Fabrication of nickel-YSZ cermet nanofibers via electrospinning

Yu, Guangsen (School of Energy Science and Engineering, University of Electronic Science and Technology of China, 2006 Xiyuan Ave, West Hi-Tech Zone, Chengdu; Sichuan; 611731, China); Li, Ting Shuai; Xu, Min; Andersson, Martin; Li, Baihai; Tang, Hui; Parbey, Joe; Shao, Jing **Source:** *Journal of Alloys and Compounds*, v 693, p 1214-1219, 2017
**Database:** Compendex
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## 23. Preparation and characterization of YAG:Ce thin phosphor films by pulsed laser deposition

Ma, Rui (College of Chemistry and Enviromental Engineering, Shenzhen University, Shenzhen; 518060, China); Lu, Bing; Cao, Huiqun; Hu, Juguang; Zhang, Xianghua; Qiu, Qi; Zheng, Ruisheng; Luo, Zhongkuan; Xue, Bai **Source:** *International Journal of Applied Ceramic Technology*, v 14, n 1, p 22-30, January 1, 2017
**Database:** Compendex
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## 24. Joint regularized nearest points for image set based face recognition

Yang, Meng (School of Data and Computer Science, Sun Yat-Sen University, Guangzhou, China); Wang, Xing; Liu, Weiyang; Shen, Linlin **Source:** *Image and Vision Computing*, v 58, p 47-60, February 1, 2017
**Database:** Compendex
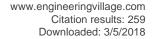Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 25. In–situ Characterization and Cure Kinetics in NEPE Propellant/ HTPB Liner Interface by Microscopic FT-IR

Gui, Dayong (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Zong, Yangyang; Ding, Sheng; Li, Cuihua; Zhang, Qianling; Wang, Mingliang; Liu, Jianhong; Chi, Xuhui; Ma, Xingang; Pang, Aimin **Source:** *Propellants, Explosives, Pyrotechnics*, v 42, n 4, p 410-416, April 2017
**Database:** Compendex
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## 26. Eccentric annular slot patch antenna with frequency agility for UHF RFID reader applications

Ge, Lei (College of Electronic Science and Technology, Shenzhen University, Shenzhen, China); Sim, Chow-Yen-Desmond; Lin, Chuan-Wei; Chen, Ting-An **Source:** *International Journal of RF and Microwave Computer-Aided Engineering*, v 27, n 2, February 1, 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 27. Artificial bee colony algorithm with gene recombination for numerical function optimization

Li, Genghui (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Cui, Laizhong; Fu, Xianghua; Wen, Zhenkun; Lu, Nan; Lu, Jian **Source:** *Applied Soft Computing Journal*, v 52, p 146-159, March 1, 2017
**Database:** Compendex
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## 28. Which Q-cospectral graphs have same degree sequences

Zhang, Guangliang (School of Mathematical Sciences, South China Normal University, Guangzhou; 510631, China); Liu, Muhuo; Shan, Haiying **Source:** *Linear Algebra and Its Applications*, v 520, p 274-285, May 1, 2017
**Database:** Compendex
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## 29. Mixed similarity learning for recommendation with implicit feedback

Liu, Mengsi (College of Computer Science and Software Engineering, Shenzhen University, China); Pan, Weike; Liu, Miao; Chen, Yaofeng; Peng, Xiaogang; Ming, Zhong **Source:** *Knowledge-Based Systems*, v 119, p 178-185, March 1, 2017
**Database:** Compendex
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## 30. Local sparsity preserving projection and its application to biometric recognition

Yin, Jun (College of Information Engineering, Shanghai Maritime University, Shanghai; 201306, China); Lai, Zhihui; Zeng, Weiming; Wei, Lai **Source:** *Multimedia Tools and Applications*, p 1-24, January 9, 2017 Article in Press
**Database:** Compendex
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**Data Provider:** Engineering Village

## 31. GRfid: A Device-Free RFID-Based Gesture Recognition System

Zou, Yongpan (College of Computer Science and Software Engineering, Shenzhen University, China); Xiao, Jiang; Han, Jinsong; Wu, Kaishun; Li, Yun; Ni, Lionel M. **Source:** *IEEE Transactions on Mobile Computing*, v 16, n 2, p 381-393, February 1, 2017
**Database:** Compendex
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## 32. Raman spectrum reveals Mesenchymal stem cells inhibiting HL60 cells growth

Su, Xin (Laboratory of Nanophotonic Functional Materials and Devices, South China Normal University, Guangzhou; Guangdong; 510006, China); Fang, Shaoyin; Zhang, Daosen; Zhang, Qinnan; Lu, Xiaoxu; Tian, Jindong; Fan, Jinping; LiyunZhong **Source:** *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, v 177, p 15-19, April 15, 2017
**Database:** Compendex
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## 33. Towards Robustness in Residue Number Systems

Xiao, Li (Department of Electrical and Computer Engineering, University of Delaware, Newark; DE; 19716, United States); Xia, Xiang-Gen; Huo, Haiye **Source:** *IEEE Transactions on Signal Processing*, v 65, n 6, p 1497-1510, March 15, 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 34. A comprehensive review of the study and development of microcapsule based self-resilience systems for concrete structures at Shenzhen University

Han, Ning-Xu (Guangdong Provincial Key Laboratory of Durability for Marine Civil Engineering, Shenzhen University, Shenzhen; 518060, China); Xing, Feng **Source:** *Materials*, v 10, n 1, 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 35. Range–angle-decoupled beampattern synthesis with subarray-based frequency diverse array

Xu, Yanhong (Science and Technology on Antenna and Microwave, Xidian University, Xi'an; 710071, China); Shi, Xiaowei; Xu, Jingwei; Huang, Lei; Li, Wentao **Source:** *Digital Signal Processing: A Review Journal*, v 64, p 49-59, May 1, 2017
**Database:** Compendex
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## 36. Engineering of the interactions of volatile organic compounds with MoS2

Tian, Xiao-Qing (College of Physics and Energy, Shenzhen University, Shenzhen; Guangdong; 518060, China); Liu, Lin; Wang, Xiang-Rong; Wei, Ya-Dong; Gu, Juan; Du, Yu; Yakobson, Boris I. **Source:** *Journal of Materials Chemistry C*, v 5, n 6, p 1463-1470, 2017
**Database:** Compendex
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## 37. Unidirectional Dual-Band Stacked Patch Antenna with Independent Frequency Reconfiguration

Ge, Lei (College of Electronic Science and Technology, Shenzhen University, Shenzhen; 518060, China); Li, Mingjian; Wang, Jianpeng; Gu, Hui **Source:** *IEEE Antennas and Wireless Propagation Letters*, v 16, p 113-116, 2017
**Database:** Compendex
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## 38. Dynamics of Surface Plasmon Polaritons in Metal Nanowires

Johns, Paul (Department of Chemistry and Biochemistry, University of Notre Dame, Notre Dame; IN; 46556, United States); Beane, Gary; Yu, Kuai; Hartland, Gregory V. **Source:** *Journal of Physical Chemistry C*, v 121, n 10, p 5445-5459, March 16, 2017
**Database:** Compendex
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## 39. Ciphertext policy attribute-based encryption supporting unbounded attribute space from R-LWE

Chen, Zehong (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Zhang, Peng; Zhang, Fangguo; Huang, Jiwu **Source:** *KSII Transactions on Internet and Information Systems*, v 11, n 4, p 2292-2309, 2017
**Database:** Compendex
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## 40. Detecting median filtering via two-dimensional AR models of multiple filtered residuals

Yang, Jianquan (Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, Shenzhen; GD; 518055, China); Ren, Honglei; Zhu, Guopu; Huang, Jiwu; Shi, Yun-Qing **Source:** *Multimedia Tools and Applications*, p 1-23, April 18, 2017 Article in Press
**Database:** Compendex
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## 41. VideoSet: A large-scale compressed video quality dataset based on JND measurement

Wang, Haiqiang (University of Southern California, Los Angeles; CA, United States); Katsavounidis, Ioannis; Zhou, Jiantong; Park, Jeonghoon; Lei, Shawmin; Zhou, Xin; Pun, Man-On; Jin, Xin; Wang, Ronggang; Wang, Xu; Zhang, Yun; Huang, Jiwu; Kwong, Sam; Kuo, C.-C. Jay **Source:** *Journal of Visual Communication and Image Representation*, v 46, p 292-302, July 1, 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 42. The effects of catalysts on the conversion of organic matter and bio-fuel production in the microwave pyrolysis of sludge at different temperatures

Ma, Rui (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Huang, Xiaofei; Zhou, Yang; Fang, Lin; Sun, Shichang; Zhang, Peixin; Zhang, Xianghua; Zhao, Xuxin **Source:** *Bioresource Technology*, v 238, p 616-623, 2017
**Database:** Compendex
Compilation and indexing terms, Copyright 2018 Elsevier Inc.
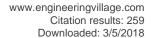**Data Provider:** Engineering Village

## 43. Hierarchy of factors which influence polycyclic aromatic hydrocarbons (PAHs) distribution in river sediments

Liu, An (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Duodu, Godfred O.; Mummullage, Sandya; Ayoko, Godwin A.; Goonetilleke, Ashantha **Source:** *Environmental Pollution*, v 223, p 81-89, 2017
**Database:** Compendex
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## 44. Ratiometric Photoacoustic Molecular Imaging for Methylmercury Detection in Living Subjects

Liu, Yi (School of Engineering, China Pharmaceutical University, Nanjing; 210009, China); Wang, Sheng; Ma, Ying; Lin, Jing; Wang, Hai-Yan; Gu, Yueqing; Chen, Xiaoyuan; Huang, Peng **Source:** *Advanced Materials*, v 29, n 17, May 3, 2017
**Database:** Compendex
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## 45. Collaborative Recommendation with Multiclass Preference Context

Pan, Weike (College of Computer Science and Software Engineering, Shenzhen University, China); Ming, Zhong
**Source:** *IEEE Intelligent Systems*, v 32, n 2, p 45-51, March-April 2017
**Database:** Compendex
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## 46. MSE period based estimation of first quantization step in double compressed JPEG images

Xue, Fei (Guangdong Key Laboratory of Information Security Technology, Sun Yat-sen University, Guangzhou; 510006, China); Ye, Ziyi; Lu, Wei; Liu, Hongmei; Li, Bin **Source:** *Signal Processing: Image Communication*, v 57, p 76-83, September 2017
**Database:** Compendex
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## 47. Bias compensation for rational polynomial coefcients of high-resolution satellite imagery by local polynomial modeling

Shen, Xiang (Key Laboratory for Geo-Environmental Monitoring of Coastal Zone of the National Administrationof Surveying, Mapping and Geo-Information and Shenzhen Key Laboratory of Spatial-temporal Smart Sensingand Services, Shenzhen University, Nanhai Road 3688, Shenzhen; 518060, China); Li, Qingquan; Wu, Guofeng; Zhu, Jiasong **Source:** *Remote Sensing*, v 9, n 3, March 1, 2017
**Database:** Compendex
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## 48. A projection matrix design method for MSE deduction in adaptive compressive sensing

Li, Bo (Department of Electrical and Computer Engineering, McMaster University, Hamilton, Canada); Zhang, Liang; Kirubarajan, Thia; Rajan, Sreeraman **Source:** *Signal Processing*, v 141, p 16-27, December 2017
**Database:** Compendex
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## 49. An enhanced artificial bee colony algorithm with adaptive differential operators

Liang, Zhengping (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Hu, Kaifeng; Zhu, Quanxiang; Zhu, Zexuan **Source:** *Applied Soft Computing Journal*, v 58, p 480-494, September 2017
**Database:** Compendex
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## 50. Transforming waste expanded polystyrene foam into hyper-crosslinked polymers for carbon dioxide capture and separation

Fu, Zhenyu (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Jia, Jizhen; Li, Jing; Liu, Changkun **Source:** *Chemical Engineering Journal*, v 323, p 557-564, 2017
**Database:** Compendex

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## 51. Investigate Transformer Fault Diagnosis Performance of Dissolved Gas Analysis with Measurement Error

Wei, Chenghao (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Long, Hao; Yan, Long **Source:** *Electric Power Components and Systems*, v 45, n 8, p 894-904, May 9, 2017
**Database:** Compendex

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## 52. Effects of nano-particles on improvement in wear resistance and drying shrinkage of road fly ash concrete

Gao, Yingli (School of Traffic and Transportation Engineering, Changsha University of Science and Technology, Changsha; 410114, China); He, Bei; Li, Youyun; Tang, Jianliang; Qu, Liangchen **Source:** *Construction and Building Materials*, v 151, p 228-235, October 1, 2017
**Database:** Compendex

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## 53. Atomic layer deposition of amorphous oxygen-deficient TiO2-xon carbon nanotubes as cathode materials for lithium-air batteries

Yang, Jingbo (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Ma, Dingtao; Li, Yongliang; Zhang, Peixin; Mi, Hongwei; Deng, Libo; Sun, Lingna; Ren, Xiangzhong **Source:** *Journal of Power Sources*, v 360, p 215-220, 2017
**Database:** Compendex

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## 54. Electrochemical properties of PX-phase PbTiO3electrode for sodium ion batteries

Zhang, Yixiang (Advanced Materials Institute, Graduate School at Shenzhen, Tsinghua University, Shenzhen; 518055, China); Ji, Muwei; Liu, Ziyi; He, Yiqing; Hu, Yao; Yang, Qinghua; Li, Bo; Wang, Jin **Source:** *RSC Advances*, v 7, n 41, p 25678-25684, 2017
**Database:** Compendex

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## 55. Selection of proper objective lens for the higher-order multiphoton microscopy at the 1700-nm window

Wen, Wenhui (Key Laboratory of Optoelectronic Devices and Systems, Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Qiu, Ping **Source:** *Progress in Biomedical Optics and Imaging - Proceedings of SPIE*, v 10069, 2017, *Multiphoton Microscopy in the Biomedical Sciences XVII*
**Database:** Compendex

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## 56. Preface

Tan, Ying (Peking University, Beijing, China); Takagi, Hideyuki; Shi, Yuhui; Niu, Ben **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10386 LNCS, p V-VI, 2017, *Advances in Swarm Intelligence - 8th International Conference, ICSI 2017, Proceedings*
**Database:** Compendex
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## 57. Drying-mediated optical assembly of silica spheres in a symmetrical metallic waveguide structure

Xu, Tian (Physics Department, Nantong University, No. 9, Seyuan Road, Nantong; Jiangsu; 226007, China); Yin, Cheng; Kan, Xuefen; He, Tingchao; Han, Qingbang; Cao, Zhuangqi; Chen, Xianfeng **Source:** *Optics Letters*, v 42, n 15, p 2960-2963, August 1, 2017
**Database:** Compendex
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## 58. A2RC: An Accurate Array Response Control Algorithm for Pattern Synthesis

Zhang, Xuejing (University of Electronic Science and Technology of China, Chengdu; 611731, China); He, Zishu; Liao, Bin; Zhang, Xuepan; Cheng, Ziyang; Lu, Yanxi **Source:** *IEEE Transactions on Signal Processing*, v 65, n 7, p 1810-1824, April 1, 2017
**Database:** Compendex
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## 59. Saliency detection via diversity-induced multi-view matrix decomposition

Sun, Xiaoli (College of Mathematics and Statistics, Shenzhen University, Shenzhen, China); He, Zhixiang; Zhang, Xiujun; Zou, Wenbin; Baciu, George **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10111 LNCS, p 137-151, 2017, *Computer Vision - ACCV 2016 - 13th Asian Conference on Computer Vision, Revised Selected Papers*
**Database:** Compendex
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## 60. Ultrafast all-optical flip-flop based on passive micro Sagnac waveguide ring with photonic crystal fiber

Xu, Ming (College of Information Engineering, Shenzhen University, Shenzhen, Guangdong; 518060, China); Yang, Wan; Hong, Tao; Kang, Tangzhen; Ji, Jianhua; Wang, Ke **Source:** *Applied Optics*, v 56, n 16, p 4577-4584, June 1, 2017
**Database:** Compendex
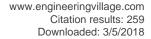Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 61. Group sparse optimization via p;qregularization

Hu, Yaohua (College of Mathematics and Statistics, Shenzhen University, Shenzhen; 518060, China); Li, Chong; Meng, Kaiwen; Qin, Jing; Yang, Xiaoqi **Source:** *Journal of Machine Learning Research*, v 18, April 1, 2017
**Database:** Compendex
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## 62. Investigation on the removal performances of heavy metal ions with the layer-by-layer assembled forward osmosis membranes

Liu, Changkun (College of Chemistry and Environmental Engineering, Shenzhen University, 3688 Nanhai Ave., Shenzhen; Guangdong Prov.; 518060, China); Lei, Xiaobin; Wang, Lin; Jia, Jizhen; Liang, Xiaoyan; Zhao, Xinzhen; Zhu, Hong **Source:** *Chemical Engineering Journal*, v 327, p 60-70, 2017
**Database:** Compendex
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## 63. Mono-frequency signals: Model and construction

Huang, Jianfeng (School of Mathematics, Sun Yat-sen University, Guangzhou; 510275, China); Huang, Chao; Yang, Lihua **Source:** *Digital Signal Processing: A Review Journal*, v 69, p 185-192, October 2017
**Database:** Compendex
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## 64. Stacking chip for quantitative bioanalysis

Zhou, Xiaohu (Department of Chemistry, The Chinese University of Hong Kong, Shatin, New Territories; Hong Kong, Hong Kong); Zhou, Xuechang; Zheng, Bo **Source:** *Talanta*, v 175, p 483-487, December 1, 2017
**Database:** Compendex
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## 65. Carbonation study of cement-based material by electrochemical impedance method

Qiu, Qiwen (College of Civil Engineering, Shenzhen University, China); Gu, Zhentao; Xiang, Jiaqi; Huang, Canjie; Dong, Biqin **Source:** *ACI Materials Journal*, v 114, n 4, p 605-617, July-August 2017
**Database:** Compendex
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## 66. A new TRIZ-based patent knowledge management system for construction technology innovation

Ding, Zhikun (Department of Construction Management and Real Estate, Shenzhen University, Shenzhen, China); Jiang, Shuanglong; Ng, Fungfai; Zhu, Menglian **Source:** *Journal of Engineering, Design and Technology*, v 15, n 4, p 456-470, 2017
**Database:** Compendex
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## 67. An Adaptive Range-Angle-Doppler Processing Approach for FDA-MIMO Radar Using Three-Dimensional Localization

Xu, Jingwei (National Laboratory of Radar Signal, Processing and the Collaborative Innovation Center of Information Sensing and Understanding, Xidian University, Xi'an; 710071, China); Liao, Guisheng; Zhang, Yuhong; Ji, Hongbing; Huang, Lei **Source:** *IEEE Journal on Selected Topics in Signal Processing*, v 11, n 2, p 309-320, March 2017
**Database:** Compendex
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## 68. Development of vegetation-pervious concrete in grid beam system for soil slope protection

Bao, Xiaohua (College of Civil Engineering, Shenzhen University, Shenzhen; 518060, China); Liao, Wenyu; Dong, Zhijun; Wang, Shanyong; Tang, Waiching **Source:** *Materials*, v 10, n 2, 2017
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## 69. Nanosecond passively Q-switched Nd:YVO4laser based on WS2saturable absorber

Wang, Xi (State Key Laboratory of Transient Optics and Photonics, Xi'An Institute of Optics and Precision Mechanics, Chinese Academy of Sciences, Xi'an; 710119, China); Li, Lu; Wang, Yonggang; Zhang, Ling; Wen, Qiao; Yang, Guowen **Source:** *Laser Physics*, v 27, n 4, April 2017
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## 70. Nuclear Norm-Based 2DLPP for Image Classification

Lu, Yuwu (Tsinghua-CUHK Joint Research Center for Media Sciences, Technologies, Graduate School at Shenzhen, Tsinghua University, Shenzhen; 518055, China); Yuan, Chun; Lai, Zhihui; Li, Xuelong; Wong, Wai Keung; Zhang, David **Source:** *IEEE Transactions on Multimedia*, v 19, n 11, p 2391-2403, November 2017
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## 71. Analysis of a fixed center effect additive rates model for recurrent event data

He, Haijin (College of Mathematics and Statistics, Shenzhen University, Shengzeng; Guangdong, China); Pan, Deng; Sun, Liuquan; Li, Yimei; Robison, Leslie L.; Song, Xinyuan **Source:** *Computational Statistics and Data Analysis*, v 112, p 186-197, August 1, 2017
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## 72. Optogenetic regulation of artificial microRNA improves H2production in green alga Chlamydomonas reinhardtii

Wang, Yuting (Guangdong Technology Research Center for Marine Algal Bioengineering, Guangdong Key Laboratory of Plant Epigenetics, College of Life Sciences and Oceanography, Shenzhen University, Shenzhen; 518060, China); Jiang, Xinqin; Hu, Changxing; Sun, Ting; Zeng, Zhiyong; Cai, Xiaoqi; Li, Hui; Hu, Zhangli **Source:** *Biotechnology for Biofuels*, v 10, n 1, November 7, 2017
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## 73. Perfluoroalkyl acids (PFAAs) in sediments from rivers of the Pearl River Delta, southern China

Liu, Baolin (College of Physical Science and Technology, Shenzhen University, Shenzhen; 518060, China); Zhang, Hong; Li, Juying; Dong, Weihua; Xie, Liuwei **Source:** *Environmental Monitoring and Assessment*, v 189, n 5, May 1, 2017
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## 74. Effects of nano-particles on failure process and microstructural properties of recycled aggregate concrete

Li, Wengui (Centre for Built Infrastructure Research, School of Civil & Environmental Engineering, University of Technology Sydney, Sydney; NSW; 2007, Australia); Long, Chu; Tam, Vivian W.Y.; Poon, Chi-Sun; Hui Duan, Wen
**Source:** *Construction and Building Materials*, v 142, p 42-50, July 1, 2017
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## 75. A Privacy-Protection Data Separation Approach for Fine-Grained Data Access Management

Dai, Wenyun (Department of Computer Science, Pace University, New York; NY, United States); Chen, Longbin; Qiu, Meikang; Wu, Ana; Chen, Bin **Source:** *Proceedings - 2nd IEEE International Conference on Smart Cloud, SmartCloud 2017*, p 84-89, November 22, 2017, *Proceedings - 2nd IEEE International Conference on Smart Cloud, SmartCloud 2017*
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## 76. Growth dynamics of ZnO nanowire on a fiber-tip air bubble

Xu, Xizhen (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Wang, Ying; Liu, Shen; Liao, Changrui; He, Jun; Lian, Jiarong; Wang, Yiping **Source:** *Optical Materials Express*, v 7, n 9, p 3433-3440, 2017
**Database:** Compendex
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## 77. Red Shift of Side-Polished Fiber Surface Plasmon Resonance Sensors with Silver Coating and Inhibition by Gold Plating

Li, Mingquan (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Bai, Zhiyong; Zhang, Feng; Hou, Maoxiang; Wang, Ying; Liao, Changrui; Jin, Wei; Wang, Yiping **Source:** *IEEE Photonics Journal*, v 9, n 3, June 2017
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## 78. Individually Frequency Tunable Dual- and Triple-band Filters in a Single Cavity

Wong, Sai-Wai (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Deng, Fei; Wu, Yu-Ming; Lin, Jing-Yu; Zhu, Lei; Chu, Qing-Xin; Yang, Yang **Source:** *IEEE Access*, v 5, p 11615-11625, 2017
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## 79. An Independently Four-Channel Cavity Diplexer with 1.1-2.8 GHz Tunable Range

Wong, Sai-Wai (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Deng, Fei; Lin, Jing-Yu; Wu, Yu-Ming; Zhu, Lei; Chu, Qing-Xin **Source:** *IEEE Microwave and Wireless Components Letters*, v 27, n 8, p 709-711, August 2017
**Database:** Compendex
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## 80. An Overview of the Development of Flexible Sensors

Han, Su-Ting (College of Electronic Science and Technology, Shenzhen University, Shenzhen; 518060, China); Peng, Haiyan; Sun, Qijun; Venkatesh, Shishir; Chung, Kam-Sing; Lau, Siu Chuen; Zhou, Ye; Roy, V.A.L. **Source:** *Advanced Materials*, v 29, n 33, September 6, 2017
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## 81. Fast One-Bit Feedback Beamforming Algorithms with Stage-Threshold Mechanism

Xie, Ning (College of Information Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Chen, Yongcheng; Wang, Hui **Source:** *Wireless Personal Communications*, v 96, n 3, p 4451-4466, October 1, 2017
**Database:** Compendex
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## 82. Full-Duplex Delay Diversity Relay Transmission Using Bit-Interleaved Coded OFDM

Jin, Yuansheng (Marvell Semiconductor Inc., Santa Clara; CA; 95054, United States); Xia, Xiang-Gen; Chen, Yan; Li, Rongpeng **Source:** *IEEE Transactions on Communications*, v 65, n 8, p 3250-3258, August 2017
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## 83. Adaptive Mode Switching for Cognitive Wireless Powered Communication Systems

Ji, Xiang (School of Information and Electronics, Beijing Institute of Technology, Beijing; 100081, China); Xu, Jie; Che, Yue Ling; Fei, Zesong; Zhang, Rui **Source:** *IEEE Wireless Communications Letters*, v 6, n 3, p 386-389, June 2017
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## 84. Channel Estimation and Hybrid Precoding for Millimeter-Wave MIMO Systems: A Low-Complexity Overall Solution

Xiao, Zhenyu (School of Electronic and Information Engineering, Beihang University, Beijing; 100191, China); Xia, Pengfei; Xia, Xiang-Gen **Source:** *IEEE Access*, v 5, p 16100-16110, July 7, 2017
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## 85. Transfer learning from APP domain to news domain for dual cold-start recommendation

Liu, Jixiong (College of Computer Science and Software Engineering, Shenzhen University, China); Shi, Jiakun; Cai, Wanling; Liu, Bo; Pan, Weike; Yang, Qiang; Ming, Zhong **Source:** *CEUR Workshop Proceedings*, v 1887, p 38-41, 2017, *RecSysKTL 2017 - Proceedings of the 1st Workshop on Intelligent Recommender Systems by Knowledge Transfer and Learning, co-located with ACM Conference on Recommender Systems, RecSys 2017*
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## 86. Blue laser diode-initiated photosensitive resins for 3D printing

Cui, Ke-Jian (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Zhu, Cai-Zhen; Zhang, Huan; Xuan, Qin; Zou, Wei-Zhi; Zhang, Zhi-Yan; Lin, Xue-Chun; Zhao, Ning; Xu, Jian **Source:** *Journal of Materials Chemistry C*, v 5, n 46, p 12035-12038, 2017
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## 87. Polymeric nanoparticles loaded with organic dye for optical bioimaging in near-infrared range

Yakovliev, A. (Key Laboratory of Optoelectronic Devices and Systems, Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen, Guangdong Province; 518060, China); Vretik, L.O.; Ziniuk, R.; Briks, J.L.; Slominskii, Yu.L.; Qu, J.; Ohulchanskyy, T.Y. **Source:** *Optics InfoBase Conference Papers*, v Part F70-PIBM 2017, 2017, *International Conference on Photonics and Imaging in Biology and Medicine, PIBM 2017*
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## 88. IAA-Based High-Resolution ISAR Imaging with Small Rotational Angle

Hu, Pengjiang (Science and Technology on Automatic Target Recognition Laboratory, National University of Defense Technology, Changsha; 410073, China); Xu, Shiyou; Wu, Wenzhen; Tian, Biao; Chen, Zengping **Source:** *IEEE Geoscience and Remote Sensing Letters*, v 14, n 11, p 1978-1982, November 2017
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## 89. Adaptive memetic algorithm based evolutionary multi-tasking single-objective optimization

Chen, Qunjian (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Ma, Xiaoliang; Sun, Yiwen; Zhu, Zexuan **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10593 LNCS, p 462-472, 2017, *Simulated Evolution and Learning - 11th International Conference, SEAL 2017, Proceedings*
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## 90. Some Tricks in Parameter Selection for Extreme Learning Machine

Cao, Weipeng (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Gao, Jinzhu; Ming, Zhong; Cai, Shubin **Source:** *IOP Conference Series: Materials Science and Engineering*, v 261, n 1, November 6, 2017, *2017 International Conference on Artificial Intelligence Applications and Technologies, AIAAT 2017*
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## 91. Improving generalization capability of extreme learning machine with synthetic instances generation

Ao, Wei (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); He, Yulin; Huang, Joshua Zhexue; He, Yupeng **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10634 LNCS, p 3-12, 2017, *Neural Information Processing - 24th International Conference, ICONIP 2017, Proceedings*
**Database:** Compendex
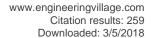Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 92. The occurrence, exposure and risk assessment of perfluoroalkyl acids in food from mainland, China

Wang, Xinxuan (College of Food Engineering and Biotechnology, Tianjin University of Science & Technology, Tianjin, China); Zhang, Ruobing; Zhang, Hong; Wang, Yanping **Source:** *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, v 34, n 11, p 1990-1998, November 2, 2017
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## 93. Calculation of the water and earth pressures for saturated clay

Su, Dong (College of Civil Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China) **Source:** *Yantu Lixue/Rock and Soil Mechanics*, v 38, n 6, p 1688-1696, June 10, 2017 **Language:** Chinese
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## 94. Dynamic Phasor Estimation Through DSTKF under Transient Conditions

Huang, Chun (College of Electrical and Information Engineering, Hunan University, Changsha; 410082, China); Xie, Xing; Jiang, Hui **Source:** *IEEE Transactions on Instrumentation and Measurement*, v 66, n 11, p 2929-2936, November 2017
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## 95. Articulated pose estimation method research based on deep learning

Chen, Kai (MOE Research Center for Software, Hardware Co-Design Engineering, East China Normal University, Shanghai; 200062, China); Cao, Guitao; Meng, Dan; Cao, Wenming **Source:** *WMSCI 2017 - 21st World Multi-Conference on Systemics, Cybernetics and Informatics, Proceedings*, v 1, p 215-220, 2017, *WMSCI 2017 - 21st World Multi-Conference on Systemics, Cybernetics and Informatics, Proceedings*
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## 96. Preface

Zhou, Jie (Tsinghua University, Beijing, China); Wang, Yunhong; Sun, Zhenan; Xu, Yong; Shen, Linlin; Feng, Jianjiang; Shan, Shiguang; Qiao, Yu; Guo, Zhenhua; Yu, Shiqi **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10568 LNCS, p V-VI, 2017, *Biometric Recognition - 12th Chinese Conference, CCBR 2017, Proceedings*
**Database:** Compendex
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## 97. Unprecedented dependence of stiffness parameters and crystallinity on comonomer content in rapidly cooled propylene-co-1-pentene copolymers

García-Peñas, Alberto (Instituto de Ciencia y Tecnología de Polímeros (ICTP-CSIC), Juan de la Cierva 3, Madrid; 28006, Spain); Gómez-Elvira, José M.; Lorenzo, Vicente; Pérez, Ernesto; Cerrada, María L. **Source:** *Polymer (United Kingdom)*, v 130, p 17-25, November 9, 2017
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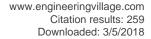Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 98. Nanocrystalline high-entropy alloy (CoCrFeNiAl0.3) thin-film coating by magnetron sputtering

Liao, Weibing (Centre for Advanced Structural Materials, Shenzhen Research Institute of City University of Hong Kong, Shenzhen, China); Lan, Si; Gao, Libo; Zhang, Hongti; Xu, Shang; Song, Jian; Wang, Xunli; Lu, Yang **Source:** *Thin Solid Films*, v 638, p 383-388, September 30, 2017
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## 99. Kernel based non-negative matrix factorization method with general kernel functions

Chen, Wen-Sheng (College of Mathematics and Statistics, Shenzhen University, Shenzhen; 518160, China); Deng, Liping; Pan, Binbin; Zhao, Yang **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10363 LNAI, p 347-359, 2017, *Intelligent Computing Methodologies - 13th International Conference, ICIC 2017, Proceedings*
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## 100. Structural deep brain network mining

Wang, Shen (University of Illinois at Chicago, Chicago, United States); He, Lifang; Cao, Bokai; Lu, Chun-Ta; Yu, Philip S.; Ragin, Ann B. **Source:** *Proceedings of the ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*, v Part F129685, p 475-484, August 13, 2017, *KDD 2017 - Proceedings of the 23rd ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*
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## 101. Nonnegative edge consensus of complex networks with time delays

Jia, Wanna (College of Mathematics and Statistics, Shenzhen University, Shenzhen; 518060, China); Zhao, Yi; Feng, Jianwen; Wang, Jingyi **Source:** *Proceedings of the 29th Chinese Control and Decision Conference, CCDC 2017*, p 1479-1483, July 12, 2017, *Proceedings of the 29th Chinese Control and Decision Conference, CCDC 2017*
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## 102. Efficient distance-based representative skyline computation in 2D space

Mao, Rui (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Cai, Taotao; Li, Rong-Hua; Yu, Jeffery Xu; Li, Jianxin **Source:** *World Wide Web*, v 20, n 4, p 621-638, July 1, 2017
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## 103. Synthesis of planar fluorenimine derivative-based broad band-gap polymers for bulk heterojunction polymer solar cells

Zhang, Bin (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Hu, Liwen; Xu, Jin; Chen, Guiting; Yang, Wei **Source:** *Materials Technology*, v 32, n 1, p 16-21, January 2, 2017
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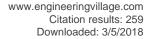Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 104. A novel adaptive control strategy for decomposition-based multiobjective algorithm

Lin, Qiuzhen (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Tang, Chaoyu; Ma, Yueping; Du, Zhihua; Li, Jianqiang; Chen, Jianyong; Ming, Zhong **Source:** *Computers and Operations Research*, v 78, p 94-107, February 1, 2017
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## 105. Constructions of -mono-components and mathematical analysis on signal decomposition algorithm

Huang, Chao (College of Mathematics and Statistics, Shenzhen University, Shenzhen; Guangdong; 518060, China); Tan, Lihui; Zhang, Qian; Yang, Lihua **Source:** *Applied Mathematics and Computation*, v 293, p 555-564, January 15, 2017
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## 106. Quantitative assessment of human health risk posed by polycyclic aromatic hydrocarbons in urban road dust

Ma, Yukun (State Key Laboratory of Urban and Regional Ecology, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, 18 Shuangqing Road, Beijing; 100085, China); Liu, An; Egodawatta, Prasanna; McGree, James; Goonetilleke, Ashantha **Source:** *Science of the Total Environment*, v 575, p 895-904, January 1, 2017
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## 107. Novel "quasi-Bayer" micro-polarizer patterns for the division-of-focal-plane polarimeters

Deng, Peigang (School of Science and Laboratory of Optical Information Technology, Wuhan Institute of Technology, Wuhan; 430205, China); Jin, Rui-Bo; Zhao, Xiaojin; Cao, Yuan; Yu, Jianhua **Source:** *Optik*, v 132, p 216-222, March 1, 2017
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## 108. Optical image hiding based on dual-channel simultaneous phase-shifting interferometry and compressive sensing

Li, Jiaosheng (Guangdong Provincial Key Laboratory of Nanophotonic Functional Materials and Devices, South China Normal University, Guangzhou; 510006, China); Zhong, Liyun; Zhang, Qinnan; Zhou, Yunfei; Xiong, Jiaxiang; Tian, Jindong; Lu, Xiaoxu **Source:** *Applied Physics B: Lasers and Optics*, v 123, n 1, January 1, 2017
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## 109. A DDoS detection and mitigation system framework based on spark and SDN

Yan, Qiao (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Huang, Wenyao **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10135 LNCS, p 350-358, 2017, *Smart Computing and Communication - 1st International Conference, SmartCom 2016, Proceedings*
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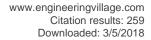**Data Provider:** Engineering Village

## 110. Rapid phase shifts extraction and phase retrieval by performing 1-norm operation for phase-shifting interferograms

Zhou, Yunfei (Guangdong Provincial Key Laboratory of Nanophotonic Functional Materials and Devices, South China Normal University, Guangzhou; 510006, China); Shou, Junwei; Zhong, Liyun; Li, Jiaosheng; Liu, Shengde; Tian, Jindong; Lu, Xiaoxu **Source:** *Journal of Optics (United Kingdom)*, v 19, n 1, January 2017
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## 111. Simple-MSSM: a simple and efficient method for simultaneous multi-site saturation mutagenesis

Cheng, Feng (Key Laboratory of Bioorganic Synthesis of Zhejiang Province, College of Biotechnology and Bioengineering, Zhejiang University of Technology, 18 Chaowang Road, Hangzhou; 310014, China); Xu, Jian-Miao; Xiang, Chao; Liu, Zhi-Qiang; Zhao, Li-Qing; Zheng, Yu-Guo **Source:** *Biotechnology Letters*, v 39, n 4, p 567-575, April 1, 2017
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## 112. Artificial bee colony algorithm with hierarchical groups for global numerical optimization

Cui, Laizhong (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Luo, Yanli; Li, Genghui; Lu, Nan **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10135 LNCS, p 72-85, 2017, *Smart Computing and Communication - 1st International Conference, SmartCom 2016, Proceedings*
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## 113. Toward Efficient Mechanisms for Mobile Crowdsensing

Zhang, Xinglin (School of Computer Science and Engineering, South China University of Technology, Guangzhou; 510640, China); Yang, Zheng; Liu, Yunhao; Li, Jianqiang; Ming, Zhong **Source:** *IEEE Transactions on Vehicular Technology*, v 66, n 2, p 1760-1771, February 2017
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## 114. Improving the sensitive property of graphenebased gas sensor by illumination and heating

Li, Hui (College of Electronic Science and Technology, Shenzhen University, Shenzhen, China); Gao, Zhihui; Lin, Weihao; He, Wei; Li, Jinyan; Yang, Yong **Source:** *Sensor Review*, v 37, n 2, p 142-146, 2017
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## 115. Design of a Real-Time ECG Filter for Portable Mobile Medical Systems

Li, Jianqiang (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Deng, Genqiang; Wei, Wei; Wang, Huihui; Ming, Zhong **Source:** *IEEE Access*, v 5, p 696-704, 2017
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## 116. Seeking urbanization security and sustainability: Multi-objective optimization of rainwater harvesting systems in China

Li, Yi (Key Laboratory of Integrated Regulation and Resource Development on Shallow Lakes, Ministry of Education, College of Environment, Hohai University, Nanjing; 210098, China); Ye, Quanliang; Liu, An; Meng, Fangang; Zhang, Wenlong; Xiong, Wei; Wang, Peifang; Wang, Chao **Source:** *Journal of Hydrology*, v 550, p 42-53, July 1, 2017
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## 117. 3D models to educated museum interactive exhibition with computing techniques

Jiang, Hao (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen, China); Liu, Xiao-Li; Peng, Xiang; Tang, Ming-Xi; He, Dong; Chen, Hai-Long; Xiang, Kai-Bing; Man, Bo **Source:** *Advances in Intelligent Systems and Computing*, v 575, p 168-178, 2017, *Software Engineering Trends and Techniques in Intelligent Systems - Proceedings of the 6th Computer Science On-line Conference, CSOC 2017*
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## 118. Nonlinear parametric resonance of relativistic electrons with a linearly polarized laser pulse in a plasma channel

Huang, T.W. (College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Zhou, C.T.; Robinson, A.P.L.; Qiao, B.; Arefiev, A.V.; Norreys, P.A.; He, X.T.; Ruan, S.C. **Source:** *Physics of Plasmas*, v 24, n 4, April 1, 2017
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## 119. Energy-efficient resource allocation in TDMS-based wireless powered communication networks

Lin, Xin (Shenzhen University, Shenzhen; 518000, China); Huang, Lei; Guo, Chongtao; Zhang, Peichang; Huang, Min; Zhang, Jihong **Source:** *IEEE Communications Letters*, v 21, n 4, p 861-864, April 2017
**Database:** Compendex
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## 120. Impact of molar ratio of total metal ions to precipitant on YAG:Ce nanophosphors synthesized by reverse titration coprecipitation

Qiu, Qi (Shenzhen University, Shenzhen; 518060, China); Huang, Manjie; Zheng, Weimeng; Xuan, Chaoyan; Wan, Yong; Zhang, Bo; Luo, Zhongkuan; Lv, Weizhong **Source:** *Ceramics International*, v 43, n 12, p 8730-8734, August 15, 2017
**Database:** Compendex
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## 121. Robust Adaptive Beamforming with Precise Main Beam Control

Liao, Bin (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Guo, Chongtao; Huang, Lei; Li, Qiang; So, Hing Cheung **Source:** *IEEE Transactions on Aerospace and Electronic Systems*, v 53, n 1, p 345-356, February 2017
**Database:** Compendex
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## 122. Design and preparation of carbon based composite phase change material for energy piles

Yang, Haibin (College of Civil Engineering, Shenzhen University, Shenzhen; 518060, China); Memon, Shazim Ali; Bao, Xiaohua; Cui, Hongzhi; Li, Dongxu **Source:** *Materials*, v 10, n 4, April 7, 2017
**Database:** Compendex
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## 123. Preparation, crystal structure, thermal behavior and DFT calculations of two acetyl triazolone derviatives

Zhu, Jiaping (Guangdong Research Center for Interfacial Engineering of Functional Materials, Shenzhen Key Laboratory of Polymer Science and Technology, Nanshan District Key Lab for Biopolymers and Safety Evaluation, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Fu, Shuqin; Yang, Jinghao; Wen, Hao; Chen, Shaojun; Jin, Shaohua **Source:** *Journal of Molecular Structure*, v 1146, p 32-38, October 15, 2017
**Database:** Compendex
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## 124. Light-Emission Enhancement in a Flexible and Size-Controllable ZnO Nanowire/Organic Light-Emitting Diode Array by the Piezotronic Effect

Bao, Rongrong (National Center for Nanoscience and Technology (NCNST), Beijing Institute of Nanoenergy and Nanosystems, Chinese Academy of Sciences, Beijing; 100083, China); Wang, Chunfeng; Peng, Zhengchun; Ma, Chuang; Dong, Lin; Pan, Caofeng **Source:** *ACS Photonics*, v 4, n 6, p 1344-1349, June 21, 2017
**Database:** Compendex
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## 125. Effect of oxygen pressure on pulsed laser deposited WO3thin films for photoelectrochemical water splitting

Mai, Manfang (Shenzhen Key Laboratory of Special Functional Materials, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Ma, Xinzhou; Zhou, Hua; Ye, Mao; Li, Tao; Ke, Shanming; Lin, Peng; Zeng, Xierong **Source:** *Journal of Alloys and Compounds*, v 722, p 913-919, 2017
**Database:** Compendex
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## 126. A novel approach for epileptic EEG signals classification based on biclustering technique

Lin, Qin (School of Information Engineering, Guangdong Medical University, Dongguan; 523808, China); Wu, Cui-Hong; Gu, Wen-Cheng; Liu, Jing-Jing; Xue, Yun; Wang, Xi-Zhao; Hu, Xiao-Hui **Source:** *Proceedings - International Conference on Machine Learning and Cybernetics*, v 2, p 756-760, March 6, 2017, *Proceedings of 2016 International Conference on Machine Learning and Cybernetics, ICMLC 2016*
**Database:** Compendex
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## 127. Enhanced Afterglow Performance of Persistent Luminescence Implants for Efficient Repeatable Photodynamic Therapy

Fan, Wenpei (Guangdong Key Laboratory for Biomedical Measurements and Ultrasound Imaging, School of Biomedical Engineering, Health Science Center, Shenzhen University, Shenzhen; 518060, China); Lu, Nan; Xu, Can; Liu, Yijing; Lin, Jing; Wang, Sheng; Shen, Zheyu; Yang, Zhen; Qu, Junle; Wang, Tianfu; Chen, Siping; Huang, Peng; Chen, Xiaoyuan **Source:** *ACS Nano*, v 11, n 6, p 5864-5872, June 27, 2017
**Database:** Compendex
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## 128. Geometric decoherence of valley excitons in monolayer transition metal dichachogenides

Gong, Z.R. (College of Physics and Energy, Shenzhen University, Shenzhen; 518060, China); Jiang, Z.F.; Xu, Fuming; Wang, B.; Fu, H.C. **Source:** *Journal of Physics Condensed Matter*, v 29, n 29, June 13, 2017
**Database:** Compendex
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## 129. Robust adaptive beamforming against significant angle mismatch

Wen, Jun (School of Computer and Electrical Information, Guangxi University, Nanning, China); Zhou, Xiang; Zhang, Wei; Liao, Bin **Source:** *2017 IEEE Radar Conference, RadarConf 2017*, p 0713-0716, June 7, 2017, *2017 IEEE Radar Conference, RadarConf 2017*
**Database:** Compendex
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## 130. Graphene oxide modified surface plasmon resonance sensor based on side-polished fiber

Zhao, Jing (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Wang, Ying; Liao, Changrui; Cao, Shaoqing; Li, Mingquan; Wang, Yiping **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 10323, 2017, *25th International Conference on Optical Fiber Sensors*
**Database:** Compendex
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## 131. Thermal properties of cement-based composites for geothermal energy applications

Bao, Xiaohua (College of Civil Engineering, Shenzhen University, Shenzhen; 518060, China); Memon, Shazim Ali; Yang, Haibin; Dong, Zhijun; Cui, Hongzhi **Source:** *Materials*, v 10, n 5, 2017
**Database:** Compendex
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## 132. Deep feature consistent variational autoencoder

Hou, Xianxu (University of Nottingham, Ningbo, China); Shen, Linlin; Sun, Ke; Qiu, Guoping **Source:** *Proceedings - 2017 IEEE Winter Conference on Applications of Computer Vision, WACV 2017*, p 1133-1141, May 11, 2017, *Proceedings - 2017 IEEE Winter Conference on Applications of Computer Vision, WACV 2017*
**Database:** Compendex
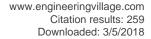Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 133. Transfer of vignetting effect from paintings to photographs

Zhang, Xiaoyan (College of Computer Science and Software Engineering, Shenzhen University, 518060, China); Constable, Martin; Chan, Kap Luk **Source:** *ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings*, p 1957-1961, June 16, 2017, *2017 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP 2017 - Proceedings*
**Database:** Compendex
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## 134. Highly sensitive response of solution-processed bismuth sulfide nanobelts for room-temperature nitrogen dioxide detection

Kan, Hao (School of Optical and Electronic Information, Huazhong University of Science and Technology, 1037 Luoyu Road, Wuhan; Hubei; 430074, China); Li, Min; Song, Zhilong; Liu, Sisi; Zhang, Baohui; Liu, Jingyao; Li, Ming-Yu; Zhang, Guangzu; Jiang, ShengLin; Liu, Huan **Source:** *Journal of Colloid and Interface Science*, v 506, p 102-110, November 15, 2017
**Database:** Compendex
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## 135. Investigation of single-event transient mitigation via pulse quenching in logic circuits

Luo, Sheng (College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518000, China); He, Wei; Zhang, Zhun; He, Lingxiang; Cao, Jianmin; Wu, Qingyang **Source:** *IOP Conference Series: Earth and Environmental Science*, v 69, n 1, June 13, 2017, *3rd International Conference on Advances in Energy, Environment and Chemical Engineering*
**Database:** Compendex
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## 136. PT symmetric phase transition and photonic transmission in an optical trimer system

Xue, L.F. (Center for Quantum Sciences and School of Physics, Center for Advanced Optoelectronic Functional Materials Research, Key Laboratory for UV Light-Emitting Materials and Technology, Ministry of Education, Northeast Normal University, Changchun; 130024, China); Gong, Z.R.; Zhu, H.B.; Wang, Z.H. **Source:** *Optics Express*, v 25, n 15, p 17249-17257, July 24, 2017
**Database:** Compendex
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## 137. Characterization of drill bit breakage in PCB drilling process based on high-speed video analysis

Shi, Hongyan (Shenzhen University, Shenzhen, China); Lin, Xiaoke; Wang, Yun **Source:** *Circuit World*, v 43, n 3, p 89-96, 2017
**Database:** Compendex
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## 138. Temperature-aware data allocation strategy for 3D charge-trap flash memory

Wang, Yi (College of Computer Science and Software Engineering, Shenzhen University, China); Zhang, Mingxu; Yang, Jing **Source:** *Proceedings of the Asia and South Pacific Design Automation Conference, ASP-DAC*, p 572-577, February 16, 2017, *2017 22nd Asia and South Pacific Design Automation Conference, ASP-DAC 2017*
**Database:** Compendex
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## 139. Deterministic and probabilistic forecasting of photovoltaic power based on deep convolutional neural network

Wang, Huaizhi (College of Mechatronics and Control Engineering, Shenzhen University, Shenzhen; 518060, China); Yi, Haiyan; Peng, Jianchun; Wang, Guibin; Liu, Yitao; Jiang, Hui; Liu, Wenxin **Source:** *Energy Conversion and Management*, v 153, p 409-422, December 1, 2017
**Database:** Compendex
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## 140. A New Nested Array Configuration with Increased Degrees of Freedom

Huang, Huiping (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Liao, Bin; Wang, Xiaoye; Guo, Xiansheng; Huang, Jianjun **Source:** *IEEE Access*, v 6, p 1490-1497, November 30, 2017
**Database:** Compendex
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## 141. GPNBI-inspired MOSFA for Pareto operation optimization of integrated energy system

Wang, Huaizhi (College of Mechatronics and Control Engineering, Shenzhen University, Shenzhen; 518060, China); Zhang, Rongquan; Peng, Jianchun; Wang, Guibin; Liu, Yitao; Jiang, Hui; Liu, Wenxin **Source:** *Energy Conversion and Management*, v 151, p 524-537, 1 November 2017
**Database:** Compendex
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## 142. Gabor feature based support vector guided dictionary learning for hyperspectral image classification

Jia, Sen (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Xie, Huimin; Deng, Lin; Huang, Qiang; Li, Jun **Source:** *International Geoscience and Remote Sensing Symposium (IGARSS)*, v 2017-July, p 2211-2214, December 1, 2017, *2017 IEEE International Geoscience and Remote Sensing Symposium: International Cooperation for Global Awareness, IGARSS 2017 - Proceedings*
**Database:** Compendex
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## 143. A Design for Scalable and Secure Key-Value Stores

Chen, Longbin (Department of Computer Science, Pace University, New York; NY, United States); Dai, Wenyun; Qiu, Meikang; Jiang, Ning **Source:** *Proceedings - 2nd IEEE International Conference on Smart Cloud, SmartCloud 2017*, p 216-221, November 22, 2017, *Proceedings - 2nd IEEE International Conference on Smart Cloud, SmartCloud 2017*
**Database:** Compendex
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## 144. Multi-channel mode converter based on a modal interferometer in a two-mode fiber

Yin, Guolu (Key Laboratory of Optoelectronic Technology and Systems (Ministry of Education), Chongqing University, Chongqing; 400044, China); Wang, Changle; Zhao, Yunhe; Jiang, Biqiang; Zhu, Tao; Wang, Yiping; Zhang, Lin **Source:** *Optics Letters*, v 42, n 19, p 3757-3760, October 1, 2017
**Database:** Compendex
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## 145. Multi-scaled porous Fe-N/C nanofibrous catalysts for the cathode electrodes of direct methanol fuel cells

Me, Riguo (Shenzhen Key Laboratory of New Lithium-ion Batteries and Mesoporous Materials, College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Xi, Jingjing; Ma, Lei; An, Liang; Wang, Fang; Sun, Hongyuan; Luo, Zhongkuan; Wu, Qixing **Source:** *Journal of the Electrochemical Society*, v 164, n 14, p F1556-F1565, 2017
**Database:** Compendex
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## 146. Distributed scheduling in wireless powered communication network: Protocol design and performance analysis

Bi, Suzhi (College of Information Engineering, Shenzhen University, Shenzhen, Guangdong; 518060, China); Zhang, Ying Jun Angela; Zhang, Rui **Source:** *2017 15th International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks, WiOpt 2017*, June 27, 2017, *2017 15th International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks, WiOpt 2017*
**Database:** Compendex
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## 147. Self-Doping Cathode Interfacial Material Simultaneously Enabling High Electron Mobility and Powerful Work Function Tunability for High-Efficiency All-Solution-Processed Polymer Light-Emitting Diodes

Yin, Xiaojun (Shenzhen Key Laboratory of Polymer Science and Technology, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Xie, Guohua; Peng, Yuhao; Wang, Bowen; Chen, Tianhao; Li, Shuqi; Zhang, Wenhao; Wang, Lei; Yang, Chuluo **Source:** *Advanced Functional Materials*, v 27, n 26, July 12, 2017
**Database:** Compendex
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## 148. Laser Direct Writing of Tree-Shaped Hierarchical Cones on a Superhydrophobic Film for High-Efficiency Water Collection

Wang, Meng (Shenzhen Key Laboratory of Laser Engineering, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Liu, Qian; Zhang, Haoran; Wang, Chuang; Wang, Lei; Xiang, Bingxi; Fan, Yongtao; Guo, Chuan Fei; Ruan, Shuangchen **Source:** *ACS Applied Materials and Interfaces*, v 9, n 34, p 29248-29254, August 30, 2017
**Database:** Compendex
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## 149. Inexact Alternating Optimization for Phase Retrieval in the Presence of Outliers

Qian, Cheng (Department of Electrical and Computer Engineering, University of Minnesota, Minneapolis; MN; 55455, United States); Fu, Xiao; Sidiropoulos, Nicholas D.; Huang, Lei; Xie, Junhao **Source:** *IEEE Transactions on Signal Processing*, v 65, n 22, p 6069-6082, November 15, 2017
**Database:** Compendex
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## 150. An adjustable look-ahead acceleration/deceleration hybrid interpolation technique with variable maximum feedrate

Huang, Haiming (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China) **Source:** *International Journal of Advanced Manufacturing Technology*, p 1-18, November 11, 2017 Article in Press
**Database:** Compendex
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## 151. Design and fabrication for micro-lens array with high fill factor in integral imaging system

Meng, Fan-Fei (Nanophotonics Research Center, Shenzhen University, Shenzhen; 518060, China); Bu, Jing **Source:** *Guangxue Jingmi Gongcheng/Optics and Precision Engineering*, v 25, n 8, p 2130-2138, August 1, 2017 **Language:** Chinese
**Database:** Compendex
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## 152. Growth of carbon nanotubes on electrospun cellulose fibers for high performance supercapacitors

Li, Qiang (College of Engineering, Mathematics and Physical Sciences, Harrison Building, University of Exeter, Devon; EX4 4QF, United Kingdom); Deng, Libo; Kim, Jang-Kyo; Zhu, Yanqiu Q.; Holmes, Stuart M.; Perez-Page, Maria; Eichhorn, Stephen J. **Source:** *Journal of the Electrochemical Society*, v 164, n 13, p A3220-A3228, 2017
**Database:** Compendex
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## 153. The 1st workshop on intelligent recommender systems by knowledge transfer & learning (RecSysKTL)

Zheng, Yong (School of Applied Technology, Illinois Institute of Technology, Chicago; IL; 60616, United States); Pan, Weike; Sahebi, Shaghayegh Sherry; Fernández, Ignacio **Source:** *RecSys 2017 - Proceedings of the 11th ACM Conference on Recommender Systems*, p 366-367, August 27, 2017, *RecSys 2017 - Proceedings of the 11th ACM Conference on Recommender Systems*
**Database:** Compendex
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## 154. Smart multifunctional polyurethane microcapsules for the quick release of anticancer drugs in BGC 823 and HeLa tumor cells

Niu, Yuqing (Nanshan District Key Lab for Biopolymers and Safety Evaluation, Shenzhen Key Laboratory of Polymer Science and Technology, Guangdong Research Center for Interfacial Engineering of Functional Materials, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Stadler, Florian J.; He, Tao; Zhang, Xingcai; Yu, Yingjie; Chen, Shiguo **Source:** *Journal of Materials Chemistry B*, v 5, n 48, p 9477-9481, 2017
**Database:** Compendex
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## 155. Improved Chemical Stability and Antiproliferative Activities of Curcumin-Loaded Nanoparticles with a Chitosan Chlorogenic Acid Conjugate

Fan, Yuting (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Yi, Jiang; Zhang, Yuzhu; Yokoyama, Wallace **Source:** *Journal of Agricultural and Food Chemistry*, v 65, n 49, p 10812-10819, December 13, 2017
**Database:** Compendex
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**Data Provider:** Engineering Village

## 156. Multi-users space-time modulation with QAM division for massive uplink communications

Dong, Zheng (Department of ECE, McMaster University, Hamilton, Canada); Zhang, Jian-Kang; Huang, Lei **Source:** *IEEE International Symposium on Information Theory - Proceedings*, p 1087-1091, August 9, 2017, *2017 IEEE International Symposium on Information Theory, ISIT 2017*
**Database:** Compendex
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## 157. Large, linear, and tunable positive magnetoresistance of mechanically stable graphene foam-toward high-performance magnetic field sensors

Ur Rehman Sagar, Rizwan (College of Materials Science and Engineering, Shenzhen Key Laboratory of Polymer Science and Technology, Guangdong Research Center for Interfacial Engineering of Functional Materials, Nanshan District Key Lab for Biopolymers and Safety Evaluation, China); Galluzzi, Massimiliano; Wan, Caihua; Shehzad, Khurram; Navale, Sachin T.; Anwar, Tauseef; Mane, Rajaram S.; Piao, Hong-Guang; Ali, Abid; Stadler, Florian J. **Source:** *ACS Applied Materials and Interfaces*, v 9, n 2, p 1891-1898, 2017
**Database:** Compendex
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## 158. Augmented brain storm optimization with mutation strategies

Chu, Xianghua (Shenzhen University, Shenzhen, China); Chen, Jiansheng; Cai, Fulin; Chen, Chen; Niu, Ben **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10593 LNCS, p 949-959, 2017, *Simulated Evolution and Learning - 11th International Conference, SEAL 2017, Proceedings*
**Database:** Compendex
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## 159. Multi-objective memetic algorithm based on three-dimensional request prediction for dynamic pickup-and-delivery problem with time windows

Yang, Yanming (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Ma, Xiaoliang; Sun, Yiwen; Zhu, Zexuan **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10593 LNCS, p 810-820, 2017, *Simulated Evolution and Learning - 11th International Conference, SEAL 2017, Proceedings*
**Database:** Compendex
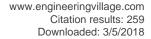Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 160. Asynchronous NOMA for Downlink Transmissions

Cui, Jianxiong (Beijing Institute of Tracking and Telecommunications Technology, Beijing; 100094, China); Dong, Guangliang; Zhang, Shengli; Li, Haitao; Feng, Guinian **Source:** *IEEE Communications Letters*, v 21, n 2, p 402-405, February 2017
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## 161. Surface plasmon resonance biosensor based on gold-coated side-polished hexagonal structure photonic crystal fiber

Wu, Tiesheng (Key Laboratory of Optoelectronic Devices and Systems, Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Shao, Yu; Wang, Ying; Cao, Shaoqing; Cao, Weiping; Zhang, Feng; Liao, Changrui; He, Jun; Huang, Yijian; Hou, Maoxiang; Wang, Yiping **Source:** *Optics Express*, v 25, n 17, p 20313-20322, August 21, 2017
**Database:** Compendex
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## 162. Energy-Aware Data Allocation with Hybrid Memory for Mobile Cloud Systems

Qiu, Meikang (Department of Computer Science, Pace University, Manhattan NYC; NY; 10038, United States); Chen, Zhi; Ming, Zhong; Qin, Xiao; Niu, Jianwei **Source:** *IEEE Systems Journal*, v 11, n 2, p 813-822, June 2017
**Database:** Compendex
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## 163. Feature selection by optimizing a lower bound of conditional mutual information

Peng, Hanyang (College of Computer Science and Software Engineering, Shenzhen University, Nanhai Ave 3688, Shenzhen; Guangdong; 518060, China); Fan, Yong **Source:** *Information Sciences*, v 418-419, p 652-667, December 2017
**Database:** Compendex
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## 164. A Two-Phase Evolutionary Approach for Compressive Sensing Reconstruction

Zhou, Yu (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Kwong, Sam; Guo, Hainan; Zhang, Xiao; Zhang, Qingfu **Source:** *IEEE Transactions on Cybernetics*, v 47, n 9, p 2651-2663, September 2017
**Database:** Compendex
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## 165. Phase shifts extraction based on time-domain orthogonal character of phase-shifting interferograms

Shou, Junwei (Guangdong Provincial Key Laboratory of Nanophotonic Functional Materials and Devices, South China Normal University, Guangzhou; 510006, China); Zhong, Liyun; Zhou, Yunfei; Tian, Jindong; Lu, Xiaoxu **Source:** *Optics Communications*, v 382, p 444-449, January 1, 2017
**Database:** Compendex
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## 166. Blowup of smooth solution for non-isentropic magnetohydrodynamic equations without heat conductivity

Duan, Qin (College of Mathematics and Statistics, Shenzhen University, Shenzhen, China) **Source:** *Mathematical Methods in the Applied Sciences*, v 40, n 6, p 1865-1879, April 1, 2017
**Database:** Compendex
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## 167. Stability analysis of stochastic coupled systems on networks without strong connectedness via hierarchical approach

Wang, Gang (Department of Mathematics, Harbin Institute of Technology (Weihai), Weihai; 264209, China); Li, Wenxue; Feng, Jiqiang **Source:** *Journal of the Franklin Institute*, v 354, n 2, p 1138-1159, January 1, 2017
**Database:** Compendex
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## 168. Glucose-Responsive Sequential Generation of Hydrogen Peroxide and Nitric Oxide for Synergistic Cancer Starving-Like/Gas Therapy

Fan, Wenpei (Guangdong Key Laboratory for Biomedical Measurements and Ultrasound Imaging, School of Biomedical Engineering, Shenzhen University, Shenzhen; 518060, China); Lu, Nan; Huang, Peng; Liu, Yi; Yang, Zhen; Wang, Sheng; Yu, Guocan; Liu, Yijing; Hu, Junkai; He, Qianjun; Qu, Junle; Wang, Tianfu; Chen, Xiaoyuan **Source:** *Angewandte Chemie - International Edition*, v 56, n 5, p 1229-1233, 2017
**Database:** Compendex
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## 169. Towards to sustainable energy-efficient city: A case study of Macau

Song, Qingbin (Macau Environmental Research Institute, Macau University of Science and Technology, Macau, China); Li, Jinhui; Duan, Huabo; Yu, Danfeng; Wang, Zhishi **Source:** *Renewable and Sustainable Energy Reviews*, v 75, p 504-514, 2017
**Database:** Compendex
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## 170. Bug analysis of android applications based on JPF

Wu, Libin (Shenzhen University, Shenzhen City; Guangdong Province, China); Lu, Yahui; Qi, Jing; Cai, Shubin; Deng, Bo; Ming, Zhong **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10135 LNCS, p 173-182, 2017, *Smart Computing and Communication - 1st International Conference, SmartCom 2016, Proceedings*
**Database:** Compendex
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## 171. Electrospun FeS nanorods with enhanced stability as counter electrodes for dye-sensitized solar cells

Zhang, Chenle (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Deng, Libo; Zhang, Peixin; Ren, Xiangzhong; Li, Yongliang; He, Tingshu **Source:** *Electrochimica Acta*, v 229, p 229-238, March 1, 2017
**Database:** Compendex
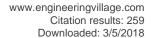Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 172. Diversity induced matrix decomposition model for salient object detection

Sun, Xiaoli (College of Mathematics and Statistics, Shenzhen University, Shenzhen; 518060, China); He, ZhiXiang; Xu, Chen; Zhang, Xiujun; Zou, Wenbin; Baciu, George **Source:** *Pattern Recognition*, v 66, p 253-267, June 1, 2017
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## 173. Finite-Time Synchronization of Complex-Valued Neural Networks with Mixed Delays and Uncertain Perturbations

Zhou, Chao (Department of Mathematics, Chongqing Normal University, Chongqing; 401331, China); Zhang, Wanli; Yang, Xinsong; Xu, Chen; Feng, Jianwen **Source:** *Neural Processing Letters*, v 46, n 1, p 271-291, August 1, 2017
**Database:** Compendex

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## 174. E3: Efficient error estimation for fingerprint-based indoor localization system

Luo, Chengwen (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Li, Jian-Qiang; Ming, Zhong **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10135 LNCS, p 307-316, 2017, *Smart Computing and Communication - 1st International Conference, SmartCom 2016, Proceedings*
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## 175. A new total variation model for restoring blurred and speckle noisy images

Lu, Jian (College of Mathematics and Statistics, Shenzhen University, Shenzhen, Guangdong Province; 518060, China); Chen, Yupeng; Zou, Yuru; Shen, Lixin **Source:** *International Journal of Wavelets, Multiresolution and Information Processing*, v 15, n 2, March 1, 2017
**Database:** Compendex

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## 176. Pure red visible emission via three-photon excitation of colloidal Na3ZrF7:Er nanoparticles using a telecom-band laser

Ye, Shuai (Key Lab of Optoelectronic Devices and Systems of Ministry of Education/Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Wang, Guangsheng; Xiong, Maozhen; Song, Jun; Qu, Junle; Xie, Weixin **Source:** *Chinese Optics Letters*, v 15, n 1, January 10, 2017
**Database:** Compendex
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## 177. Tracking the turn maneuvering target using the multi-target bayes filter with an adaptive estimation of turn rate

Liu, Zong-Xiang (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Wu, De-Hui; Xie, Wei-Xin; Li, Liang-Qun **Source:** *Sensors (Switzerland)*, v 17, n 2, February 15, 2017
**Database:** Compendex
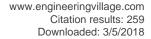Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 178. Facile fabrication of polyurethane microcapsules carriers for tracing cellular internalization and intracellular pH-triggered drug release

Niu, Yuqing (Nanshan District Key Laboratory for Biopolymers and Safety Evaluation, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Stadler, Florian J.; Song, Jun; Chen, Siping; Chen, Shiguo **Source:** *Colloids and Surfaces B: Biointerfaces*, v 153, p 160-167, May 1, 2017
**Database:** Compendex
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## 179. Decomposition of LiDAR waveforms by B-spline-based modeling

Shen, Xiang (Key Laboratory for Geo-Environmental Monitoring of Coastal Zone of the National Administration of Surveying, Mapping and Geo-Information & Shenzhen Key Laboratory of Spatial-temporal Smart Sensing and Services, Shenzhen University, Nanhai Road 3688, Shenzhen; 518060, China); Li, Qing-Quan; Wu, Guofeng; Zhu, Jiasong **Source:** *ISPRS Journal of Photogrammetry and Remote Sensing*, v 128, p 182-191, June 1, 2017
**Database:** Compendex
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## 180. Exploring A Trust Based Recommendation Approach for Videos in Online Social Network

Cui, Laizhong (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; Guangdong; 518060, China); Sun, Lili; Fu, Xianghua; Lu, Nan; Zhang, Guanjing **Source:** *Journal of Signal Processing Systems*, v 86, n 2-3, p 207-219, March 1, 2017
**Database:** Compendex
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## 181. Portable 3D scanning system based on an inertial sensor

Tang, Qijian (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Peng, Xiang; Liu, Xiaoli; Cai, Zewei **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 10250, 2017, *International Conference on Optical and Photonics Engineering, icOPEN 2016*
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## 182. Random copolymer gels of N-isopropylacrylamide and N-ethylacrylamide: effect of synthesis solvent compositions on their properties

Wang, Qiao (College of Materials Science and Engineering, Shenzhen Key Laboratory of Polymer Science and Technology, Guangdong Research Center for Interfacial Engineering of Functional Materials, Nanshan District Key Lab. for Biopolymers and Safety Evaluation, Shenzhen University, Shenzhen; 518060, China); Biswas, Chandra Sekhar; Galluzzi, Massimiliano; Wu, Yuhang; Du, Bing; Stadler, Florian. J. **Source:** *RSC Advances*, v 7, n 15, p 9381-9392, 2017
**Database:** Compendex
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## 183. Detection of double compressed AMR audio using stacked autoencoder

Luo, Da (College of Information Engineering, Shenzhen University, Shenzhen; 518060, China); Yang, Rui; Li, Bin; Huang, Jiwu **Source:** *IEEE Transactions on Information Forensics and Security*, v 12, n 2, p 432-444, February 2017
**Database:** Compendex
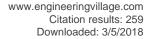Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 184. A comparative study on three types of solar utilization technologies for buildings: Photovoltaic, solar thermal and hybrid photovoltaic/thermal systems

Huide, Fu (College of Chemistry and Environmental Engineering, Shenzhen University, Nanhai Ave 3688, Shenzhen City; Guangdong Province, China); Xuxin, Zhao; Lei, Ma; Tao, Zhang; Qixing, Wu; Hongyuan, Sun **Source:** *Energy Conversion and Management*, v 140, p 1-13, 2017
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## 185. Theoretical analysis of a Love wave biosensor in liquid with a viscoelastic wave guiding layer

Wu, Huiyan (Department of Mechanical Engineering and Materials Science, University of Pittsburgh, Pittsburgh; Pennsylvania; 15261, United States); Xiong, Xiangming; Zu, Hongfei; Wang, James H.-C.; Wang, Qing-Ming **Source:** *Journal of Applied Physics*, v 121, n 5, February 7, 2017
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## 186. Ultra-flat and ultra-broadband supercontinuum generation in photonic crystal fiber pumped by noise-like pulses

Chen, Yewang (Shenzhen Key Laboratory of Laser Engineering, Shenzhen University, Nanhai Ave 3688, Shenzhen, Guangdong; 518-060, China); Ruan, Shuangchen; Wu, Xu; Guo, Chunyu; Liu, Weiqi; Yu, Jun; Luo, Ruoheng; Ren, Xikui; Zhu, Yihuai **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 10328, 2017, *Selected Papers from the 31st International Congress on High-Speed Imaging and Photonics*
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## 187. Misalignment influence of components on the performance of an integrated zigzag Vander Lugt correlator

Xu, Ping (College of Electronic Science and Technology, Shenzhen University, Shenzhen; 518060, China); Yu, Jun; Sun, Zhilong; Zhou, Liang; Cheng, Guanxiao; Hong, Chunquan; Han, Feng **Source:** *Optik*, v 140, p 178-185, July 1, 2017
**Database:** Compendex
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## 188. Fiber surface Bragg grating waveguide for refractive index measurements

Lin, Chupao (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Liao, Changrui; Wang, Jia; He, Jun; Wang, Ying; Li, Zhengyong; Yang, Tianhang; Zhu, Feng; Yang, Kaiming; Zhang, Zhe; Wang, Yiping **Source:** *Optics Letters*, v 42, n 9, p 1684-1687, May 1, 2017
**Database:** Compendex
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## 189. Research progress of in-fiber Fabry-Perot interferometric temperature and pressure sensors

Li, Zi-Liang (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Liao, Chang-Rui; Liu, Shen; Wang, Yi-Ping **Source:** *Wuli Xuebao/Acta Physica Sinica*, v 66, n 7, April 5, 2017 **Language:** Chinese
**Database:** Compendex
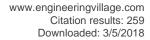Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 190. Determination of forming ability of high pressure die casting for Zr-based metallic glass

Liu, L.H. (Department of Mechanical Engineering, Tsinghua University, Beijing; 100084, China); Ma, J.; Yu, C.Y.; Huang, X.S.; He, L.J.; Zhang, L.C.; Li, P.J.; Liu, Z.Y. **Source:** *Journal of Materials Processing Technology*, v 244, p 87-96, June 1, 2017
**Database:** Compendex
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## 191. Biodegradation of naproxen by freshwater algae Cymbella sp. and Scenedesmus quadricauda and the comparative toxicity

Ding, Tengda (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Lin, Kunde; Yang, Bo; Yang, Mengting; Li, Juying; Li, Wenying; Gan, Jay **Source:** *Bioresource Technology*, v 238, p 164-173, 2017
**Database:** Compendex
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## 192. Analysis and Controlled Synthesis of Inhomogeneous Textures

Zhou, Yang (Shenzhen University, China); Shi, Huajie; Lischinski, Dani; Gong, Minglun; Kopf, Johannes; Huang, Hui
**Source:** *Computer Graphics Forum*, v 36, n 2, p 199-212, May 2017
**Database:** Compendex
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## 193. Stalling assessment for wireless online video streams via ISP traffic monitoring

Tang, Hui (College of Information Engineering, Shenzhen University, China); Chen, Liang; Wang, Yue; Wang, Na; Li, Xia **Source:** *IEEE Wireless Communications and Networking Conference, WCNC*, May 10, 2017, *2017 IEEE Wireless Communications and Networking Conference, WCNC 2017 - Proceedings*
**Database:** Compendex
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## 194. Query ranking model for search engine query recommendation

Wang, Jian Guo (Shenzhen Key Laboratory of High Performance Data Mining, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, 1068 Xueyuan Avenue, Shenzhen University Town, Shenzhen; 518055, China); Huang, Joshua Zhexue; Guo, Jiafeng; Lan, Yanyan **Source:** *International Journal of Machine Learning and Cybernetics*, v 8, n 3, p 1019-1038, June 1, 2017
**Database:** Compendex
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## 195. A novel differential evolution algorithm with a self-adaptation parameter control method by differential evolution

Cui, Laizhong (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Li, Genghui; Zhu, Zexuan; Wen, Zhenkun; Lu, Nan; Lu, Jian **Source:** *Soft Computing*, p 1-20, June 22, 2017 Article in Press
**Database:** Compendex
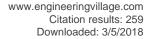Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 196. Parametrization of woods-saxon potential for heavy-ion systems

Gan, Lin (China Institute of Atomic Energy, Beijing; 102413, China); Li, ZhiHong; Sun, HuiBin; Pang, DanYang; Guo, Bing; Li, YunJu; Su, Jun; Yan, ShengQuan; Li, ErTao; Wang, YouBao; Lian, Gang; Han, ZhiYu; Li, XinYue; Li, DongHui; Ma, TianLi; Pei, ChangJin; Shen, YangPing; Su, Yi; Zeng, Sheng; Zhou, Yong; Liu, WeiPing **Source:** *Science China: Physics, Mechanics and Astronomy*, v 60, n 8, August 1, 2017
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## 197. Hierarchical multilevel authentication system for multiple-image based on phase retrieval and basic vector operations

Li, Xianye (Department of Optics, School of Information Science and Engineering, Shandong Provincial Key Laboratory of Laser Technology and Application, Shandong University, Jinan; 250100, China); Meng, Xiangfeng; Yin, Yongkai; Yang, Xiulun; Wang, Yurong; Peng, Xiang; He, Wenqi; Pan, Xuemei; Dong, Guoyan; Chen, Hongyi **Source:** *Optics and Lasers in Engineering*, v 89, p 59-71, January 7, 2016
**Database:** Compendex
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## 198. H2O2Assisted Photoelectrocatalytic Oxidation of Ag-Cyanide Complexes at Metal-free g-C3N4Photoanode with Simultaneous Ag Recovery

Qi, Fanjing (Key Laboratory of Drinking Water Science and Technology, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, P.O. Box 2871. 18 Shuangqing Road, Haidian District, Beijing; 100085, China); Yang, Bo; Wang, Yanbin; Mao, Ran; Zhao, Xu **Source:** *ACS Sustainable Chemistry and Engineering*, v 5, n 6, p 5001-5007, June 5, 2017
**Database:** Compendex
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## 199. Asymmetry of the free-standing polyelectrolyte multilayers

Yu, Li (Shenzhen Key Laboratory of Laser Engineering, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Yuan, Weichang; Liu, Xiaokong; Xu, Xintong; Ruan, Shuangchen **Source:** *Applied Surface Science*, v 422, p 46-55, November 15, 2017
**Database:** Compendex
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## 200. Active contour model combining local and global information dynamically with application to segment brain MR images

Yang, Yunyun (Harbin Institute of Technology, Shenzhen; 518055, China); Shu, Xiu; Zhong, Shenghua **Source:** *ACM International Conference Proceeding Series*, v Part F128052, p 45-49, April 21, 2017, *Proceedings of 2017 International Conference on Biometrics Engineering and Application, ICBEA 2017*
**Database:** Compendex
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## 201. Mn assisted electrochemical generation of two-dimensional Fe-Mn layered double hydroxides for efficient Sb(V) removal

Cao, Di (Key Laboratory of Drinking Water Science and Technology, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, Beijing; 100085, China); Zeng, Huabin; Yang, Bo; Zhao, Xu **Source:** *Journal of Hazardous Materials*, v 336, p 33-40, 2017
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## 202. Exploiting Parallelism for Convolutional Connections in Processing-In-Memory Architecture

Wang, Yi (College of Computer Science and Software Engineering, Shenzhen University, China); Zhang, Mingxu; Yang, Jing **Source:** *Proceedings - Design Automation Conference*, v Part 128280, June 18, 2017, *Proceedings of the 54th Annual Design Automation Conference 2017, DAC 2017*
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## 203. Thermal transport in monolayer InSe

Nissimagoudar, Arun S (Institute for Advanced Study, Shenzhen University, Shenzhen; 518060, China); Ma, Jinlong; Chen, Yani; Li, Wu **Source:** *Journal of Physics Condensed Matter*, v 29, n 33, July 24, 2017
**Database:** Compendex
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## 204. A scheme for detection and assessment of current transformer saturation

Hong, Chen (State Grid Hunan Electric Power Corporation Research Institute, Changsha; 410007, China); Haifeng, Liu; Hui, Jiang; Jianchun, Peng; Chun, Huang **Source:** *Proceedings - 9th International Conference on Measuring Technology and Mechatronics Automation, ICMTMA 2017*, p 90-93, January 24, 2017, *Proceedings - 9th International Conference on Measuring Technology and Mechatronics Automation, ICMTMA 2017*
**Database:** Compendex
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## 205. Preliminary investigation of the microwave pyrolysis mechanism of sludge based on high frequency structure simulator simulation of the electromagnetic field distribution

Ma, Rui (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Yuan, Nana; Sun, Shichang; Zhang, Peixin; Fang, Lin; Zhang, Xianghua; Zhao, Xuxin **Source:** *Bioresource Technology*, v 234, p 370-379, 2017
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## 206. Low-temperature chemical synthesis of rutile and anatase mixed phase TiO2nanostructures for DSSCs photoanodes

Tehare, Kailas K. (College of Materials Science and Engineering, Shenzhen University, 3688 Nanhai Ave, Shenzhen; 518060, China); Bhande, Sambhaji S.; Mutkule, Sandesh U.; Stadler, Florian J.; Ao, Jin-Ping; Mane, Rajaram S.; Liu, Xinke **Source:** *Journal of Alloys and Compounds*, v 704, p 187-192, 2017
**Database:** Compendex
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## 207. A reliable and compact physical unclonable function based on unstable bits recycling scheme

Huang, Baiyi (Department of Computer Science, The George Washington University, Washington; DC, United States); Zhao, Xiaojin; Cao, Yuan; Ouyang, Tingbing **Source:** *Midwest Symposium on Circuits and Systems*, v 2017-August, p 938-941, September 27, 2017, *2017 IEEE 60th International Midwest Symposium on Circuits and Systems, MWSCAS 2017*
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## 208. Hierarchical saliency detection via probabilistic object boundaries

Lei, Haijun (College of Computer Science and Software Engineering, Shenzhen University, China); Xie, Hai; Zou, Wenbin; Sun, Xiaoli; Kpalma, Kidiyo; Komodakis, Nikos **Source:** *International Journal of Pattern Recognition and Artificial Intelligence*, v 31, n 6, June 1, 2017
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## 209. Flexible Consistency for Distributed Storage Systems

Chen, Longbin (Department of Computer Science, Pace University, New York, United States); Dai, Wenyun; Qiu, Meikang; Liu, Meiqin; Xiong, Zenggang **Source:** *Proceedings - 2nd IEEE International Conference on Smart Cloud, SmartCloud 2017*, p 232-237, November 22, 2017, *Proceedings - 2nd IEEE International Conference on Smart Cloud, SmartCloud 2017*
**Database:** Compendex
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## 210. Nonlinear generation of non-paraxial accelerating beam

Zheng, Guoliang (College of Electronic Science and Technology, Shenzhen University, Shenzhen; 518060, China); Xu, Shixiang; Wu, Qingyang; Cao, Jianmin **Source:** *Optics InfoBase Conference Papers*, v Part F83-ACPC 2017, 2017, *Asia Communications and Photonics Conference, ACPC 2017*
**Database:** Compendex
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## 211. Key credit criteria among international green building rating tools

Illankoon, I.M. Chethana S. (School of Computing Engineering and Mathematics, Western Sydney University, Locked Bag 1797, Penrith; NSW; 2751, Australia); Tam, Vivian W.Y.; Le, Khoa N.; Shen, Liyin **Source:** *Journal of Cleaner Production*, v 164, p 209-220, October 15, 2017
**Database:** Compendex
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## 212. Super-resolution: 3-D imaging, multiparticle parallel tracking, and time-resolved imaging

Qu, Junle (Shenzhen University, China)  **Source:** *Optics InfoBase Conference Papers*, v Part F83-ACPC 2017, 2017, *Asia Communications and Photonics Conference, ACPC 2017*
**Database:** Compendex
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## 213. A 60 GHz horizontally polarized magnetoelectric dipole antenna array with 2-D multibeam endfire radiation

Wang, Jingxue (Institute of Lightwave Technology, Beijing Jiaotong University, Beijing; 100044, China); Li, Yujian; Ge, Lei; Wang, Junhong; Luk, Kwai-Man **Source:** *IEEE Transactions on Antennas and Propagation*, v 65, n 11, p 5837-5845, November 2017
**Database:** Compendex
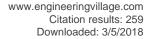Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 214. A review on historic building conservation: A comparison between Hong Kong and Macau systems

Fung, Ivan W.H. (Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong); Tsang, Y.T.; Tam, Vivian W.Y.; Xu, Y.T.; Mok, Edmund C.K. **Source:** *Renewable and Sustainable Energy Reviews*, v 71, p 927-942, 2017
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## 215. Reduction of metal artifacts in x-ray CT images using a convolutional neural network

Zhang, Yanbo (Department of Electrical and Computer Engineering, University of Massachusetts Lowell, Ball Hall 317, One University Ave, Lowell; MA; 01854, United States); Chu, Ying; Yu, Hengyong **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 10391, 2017, *Developments in X-Ray Tomography XI*
**Database:** Compendex
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## 216. Photodetection-induced relative timing jitter in synchronized time-lens source for coherent Raman scattering microscopy

Wang, Jiaqi (Key Laboratory of Optoelectronic Devices and Systems, Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Qiu, Ping **Source:** *Journal of Innovative Optical Health Sciences*, v 10, n 5, September 1, 2017
**Database:** Compendex
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## 217. Controlled Growth of Monocrystalline Organo-Lead Halide Perovskite and Its Application in Photonic Devices

Mao, Wenxin (Department of Materials Science and Engineering, Monash University, Clayton; VIC; 3800, Australia); Zheng, Jialu; Zhang, Yupeng; Chesman, Anthony S. R.; Ou, Qingdong; Hicks, Jamie; Li, Feng; Wang, Ziyu; Graystone, Brenton; Bell, Toby D. M.; Rothmann, Mathias Uller; Duffy, Noel W.; Spiccia, Leone; Cheng, Yi-Bing; Bao, Qiaoliang; Bach, Udo **Source:** *Angewandte Chemie - International Edition*, v 56, n 41, p 12486-12491, 2017
**Database:** Compendex
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## 218. Torsion sensor with rotation direction discrimination based on a pre-twisted in-fiber Mach-Zehnder interferometer

Bai, Zhiyong (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Deng, Mi; Liu, Shen; Zhang, Zhe; Xu, JinShan; Tang, Jian; Wang, Ying; Liao, Changrui; Wang, Yiping **Source:** *IEEE Photonics Journal*, v 9, n 3, June 2017
**Database:** Compendex
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## 219. An External Archive-Guided Multiobjective Particle Swarm Optimization Algorithm

Zhu, Qingling (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Lin, Qiuzhen; Chen, Weineng; Wong, Ka-Chun; Coello Coello, Carlos A.; Li, Jianqiang; Chen, Jianyong; Zhang, Jun **Source:** *IEEE Transactions on Cybernetics*, v 47, n 9, p 2794-2808, September 2017
**Database:** Compendex
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## 220. Brillouin Oscillations from Single Au Nanoplate Opto-Acoustic Transducers

Yu, Kuai (College of Electronic Science and Technology, Shenzhen University, Shenzhen; 518060, China); Devkota, Tuphan; Beane, Gary; Wang, Guo Ping; Hartland, Gregory V. **Source:** *ACS Nano*, v 11, n 8, p 8064-8071, August 22, 2017
**Database:** Compendex
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## 221. Space-time adaptive processing by enforcing sparse constraint on beam-Doppler patterns

Yang, Zhaocheng (College of Information Engineering, Shenzhen University, Shenzhen, Guangzhou; 518060, China)
**Source:** *Electronics Letters*, v 53, n 17, p 1220-1222, August 17, 2017
**Database:** Compendex
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## 222. Pose-Based Temporal-Spatial Network (PTSN) for Gait Recognition with Carrying and Clothing Variations

Liao, Rijun (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Cao, Chunshui; Garcia, Edel B.; Yu, Shiqi; Huang, Yongzhen **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10568 LNCS, p 474-483, 2017, *Biometric Recognition - 12th Chinese Conference, CCBR 2017, Proceedings*
**Database:** Compendex
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## 223. Attribute-Based Encryption Scheme Supporting Decryption Outsourcing and Attribute Revocation in Cloud Storage

Liu, Hongwei (College of Information Engineering, Shenzhen University, Shenzhen, China); Zhu, Ping; Chen, Zehong; Zhang, Peng; Jiang, Zoe L. **Source:** *Proceedings - 2017 IEEE International Conference on Computational Science and Engineering and IEEE/IFIP International Conference on Embedded and Ubiquitous Computing, CSE and EUC 2017*, v 1, p 556-561, August 8, 2017, *Proceedings - 2017 IEEE International Conference on Computational Science and Engineering and IEEE/IFIP International Conference on Embedded and Ubiquitous Computing, CSE and EUC 2017*
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## 224. Three-dimensional surface feature for hyperspectral imagery classification

Jia, Sen (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Wu, Kuilin; Zhang, Meng; Hu, Jie **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10634 LNCS, p 270-278, 2017, *Neural Information Processing - 24th International Conference, ICONIP 2017, Proceedings*
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## 225. A unified method to energy-to-peak filter design for networked Markov switched singular systems over a finite-time interval

Song, Xiaona (College of Information Engineering, Henan University of Science and Technology, Luoyang; 471023, China); Wang, Zhen; Shen, Hao; Li, Feng; Chen, Bo; Lu, Junwei **Source:** *Journal of the Franklin Institute*, v 354, n 17, p 7899-7916, November 2017
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## 226. Ground Moving Target Imaging Based on Keystone Transform and Coherently Integrated CPF with a Single-Channel SAR

Huang, Penghui (National Laboratory of Radar Signal Processing, Xidian University, Xi'an; 710071, China); Xia, Xiang-Gen; Liao, Guisheng; Yang, Zhiwei **Source:** *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, v 10, n 12, p 5686-5694, December 2017
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## 227. Efficient order-sensitive activity trajectory search

Guo, Kaiyang (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Li, Rong-Hua; Qiao, Shaojie; Li, Zhenjun; Zhang, Weipeng; Lu, Minhua **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10569 LNCS, p 391-405, 2017, *Web Information Systems Engineering – WISE 2017 - 18th International Conference, Proceedings*
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## 228. A new segmented-stator linear vernier permanent magnet machine for direct-drive applications

Li, Wenlong (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Ching, T.W. **Source:** *2017 IEEE International Electric Machines and Drives Conference, IEMDC 2017*, August 3, 2017, *2017 IEEE International Electric Machines and Drives Conference, IEMDC 2017*
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## 229. Optimization Design of OTSDF Filter Based on Wavelet Transform

Yu, Jun (College of Electronic Science and Technology, Shenzhen University, Shenzhen; Guangdong; 518060, China); Xu, Ping; Yang, Tuo; Li, Xiongchao; Huang, Haixuan; Cheng, Guanxiao **Source:** *Guangxue Xuebao/Acta Optica Sinica*, v 37, n 11, November 10, 2017 **Language:** Chinese
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## 230. Nanoliposomes for photodynamic therapy guided by fluorescence and computed tomography imaging

Xu, Hao (College of Optoelectronic Engineering, Shenzhen University, 3688 Nanhai Road, Shenzhen, Guangdong, Nanshan District; 518060, China); Ohulchanskyy, Tymish Y.; Qu, Junle **Source:** *Optics InfoBase Conference Papers*, v Part F70-PIBM 2017, 2017, *International Conference on Photonics and Imaging in Biology and Medicine, PIBM 2017*
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## 231. Fingerprint Pore Extraction Based on Multi-scale Morphology

Xu, Yuanrong (Shenzhen Graduate School, Harbin Institute of Technology, University Town of Shenzhen, Shenzhen; 518055, China); Lu, Guangming; Liu, Feng; Li, Yanxia **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10568 LNCS, p 288-295, 2017, *Biometric Recognition - 12th Chinese Conference, CCBR 2017, Proceedings*
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## 232. Online unsupervised multi-view feature selection

Shao, Weixiang (University of Illinois at Chicago, United States); He, Lifang; Lu, Chun-Ta; Wei, Xiaokai; Yu, Philip S. **Source:** *Proceedings - IEEE International Conference on Data Mining, ICDM*, p 1203-1208, January 31, 2017, *Proceedings - 16th IEEE International Conference on Data Mining, ICDM 2016*
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## 233. Co-locating style-defining elements on 3D shapes

Hu, Ruizhen (College of Computer Science and Software Engineering, Shenzhen University, 821 CSSE Building, 3688 Nanhai Ave., Shenzhen, Guangdong; 518060, China); Li, Wenchao; Van Kaick, Oliver; Huang, Hui; Averkiou, Melinos; Cohen-Or, Daniel; Zhang, Hao **Source:** *ACM Transactions on Graphics*, v 36, n 3, June 2017
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## 234. Enhanced plasticity in a Ti-Ni-Nb-Zr shape memory bulk metallic glass composite with high Nb addition

Chen, Shuangshuang (Shenzhen Key Laboratory of Special Functional Materials & Shenzhen Engineering Laboratory for Advance Technology of Ceramics, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Wu, Jiajia; Tu, Jianxin; Li, Xiaohua; Zou, Jizhao; Hu, Qiang; Zeng, Xierong **Source:** *Materials Science and Engineering A*, v 704, p 192-198, September 17, 2017
**Database:** Compendex
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## 235. A Block-Level Log-Block Management Scheme for MLC NAND Flash Memory Storage Systems

Guan, Yong (Beijing Advanced Innovation Center for Imaging Technology, College of Computer and Information Management, Capital Normal University, Beijing; 100000, China); Wang, Guohui; Ma, Chenlin; Chen, Renhai; Wang, Yi; Shao, Zili **Source:** *IEEE Transactions on Computers*, v 66, n 9, p 1464-1477, September 1, 2017
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## 236. Wheeled mobile robot based on Adaptive Linear Quadratic Gaussian control

Liao, Yubin (Guangdong Provincial Key Laboratory of Robotics and Intelligent System, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, Shenzhen; 518055, China); Ou, Yongsheng; Meng, Shan **Source:** *Proceedings of the 29th Chinese Control and Decision Conference, CCDC 2017*, p 5768-5775, July 12, 2017, *Proceedings of the 29th Chinese Control and Decision Conference, CCDC 2017*
**Database:** Compendex
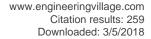Compilation and indexing terms, Copyright 2018 Elsevier Inc.
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## 237. Transmission of Orbital Angular Momentum Modes in Grapefruit-Type Microstructure Fiber

Qiao, Wen (Nanophotonics Research Centre, Shenzhen University, Shenzhen; Guangdong; 518060, China); Gao, Shecheng; Lei, Ting; Ji, Hong; Ruan, Yinlan; Xie, Zhenwei; Yang, Chuanwu; Yuan, Xiaocong **Source:** *Zhongguo Jiguang/Chinese Journal of Lasers*, v 44, n 4, April 10, 2017 **Language:** Chinese
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## 238. Comparison of reduction in formal decision contexts

Li, Jinhai (Faculty of Science, Kunming University of Science and Technology, Kunming; Yunnan; 650500, China); Aswani Kumar, Cherukuri; Mei, Changlin; Wang, Xizhao **Source:** *International Journal of Approximate Reasoning*, v 80, p 100-122, January 1, 2017
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## 239. Synchronization of discrete-time neural networks with delays and Markov jump topologies based on tracker information

Yang, Xinsong (Department of Mathematics, Chongqing Normal University, Chongqing; 401331, China); Feng, Zhiguo; Feng, Jianwen; Cao, Jinde **Source:** *Neural Networks*, v 85, p 157-164, January 1, 2017
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## 240. A novel multi-objective evolutionary algorithm for recommendation systems

Cui, Laizhong (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Ou, Peng; Fu, Xianghua; Wen, Zhenkun; Lu, Nan **Source:** *Journal of Parallel and Distributed Computing*, v 103, p 53-63, May 1, 2017
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## 241. Rapid thermal processing of chemical-solution-deposited yttrium-doped barium zirconate thin films

Xie, Hanlin (School of Mechanical and Aerospace Engineering, Nanyang Technological University, 50 Nanyang Avenue, 639798, Singapore); Biswas, Mridula; Fan, Liangdong; Li, Yong; Su, Pei-Chen **Source:** *Surface and Coatings Technology*, v 320, p 213-216, June 25, 2017
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## 242. A comparative study of mechanical and microstructural characteristics of aluminium and titanium undergoing ultrasonic assisted compression testing

Zhou, Haiyang (Research School of Engineering, Australian National University, Canberra; ACT 2601, Australia); Cui, Hongzhi; Qin, Qing-Hua; Wang, Hui; Shen, Yaogen **Source:** *Materials Science and Engineering A*, v 682, p 376-388, January 13, 2017
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## 243. Joint Multiple Symbol Differential Detection and Channel Decoding for Noncoherent UWB Impulse Radio by Belief Propagation

Wang, Taotao (College of Information Engineering, Shenzhen University, Shenzhen, China); Lv, Tiejun; Gao, Hui; Zhang, Shengli **Source:** *IEEE Transactions on Wireless Communications*, v 16, n 1, p 293-306, January 2017
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## 244. A virtual communication strategy for smart photovoltaic generation systems

Yang, Jing (Experimental and Innovation Practice Center, Harbin Institute of Technology, Shenzhen; 518055, China); Liao, Hui; Chen, Jing; Yu, Yang; Wang, Yi **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 10135 LNCS, p 256-266, 2017, *Smart Computing and Communication - 1st International Conference, SmartCom 2016, Proceedings*
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## 245. 1-butyl-3-methylimidazolium tetrafluoroborate film as a highly selective sensing material for non-invasive detection of acetone using a quartz crystal microbalance

Tao, Wenyan (Shenzhen Key Laboratory of Special Functional Materials, Shenzhen Engineering Laboratory for Advance Technology of Ceramics, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 510081, China); Lin, Peng; Liu, Sili; Xie, Qingji; Ke, Shanming; Zeng, Xierong **Source:** *Sensors (Switzerland)*, v 17, n 1, January 20, 2017
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## 246. Stealth-ACK: stealth transmissions of NoC acknowledgements

Tao, Jinhua (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen; 518060, China); Qiu, Shi; Liu, Shaoli; Chen, Tianshi; Mao, Rui **Source:** *Science China Information Sciences*, v 60, n 9, September 1, 2017
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## 247. Influence of fullerene-based acceptor materials on the performance of indacenodithiophene-cored small molecule bulk heterojunction organic solar cells

Li, Qingduan (Shenzhen Key Laboratory of Special Functional Materials and Shenzhen Engineering Laboratory for Advance Technology of Ceramics, College of Materials Science and Engineering, Shenzhen University, Shenzhen; 518060, China); Liu, Xin; Zou, Jizhao; Chen, Dongcheng; Su, Shi-Jian; Zeng, Xierong **Source:** *Journal of Materials Science: Materials in Electronics*, v 28, n 6, p 5006-5013, March 1, 2017
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## 248. The enhancement of electrochemical capacitance of biomass-carbon by pyrolysis of extracted nanofibers

Deng, Libo (College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen; 518060, China); Zhong, Wenhua; Wang, Jubei; Zhang, Peixin; Fang, Haoming; Yao, Lei; Liu, Xuqing; Ren, Xiangzhong; Li, Yongliang **Source:** *Electrochimica Acta*, v 228, p 398-406, February 20, 2017
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## 249. Pinning cluster synchronization of delay-coupled Lur'e dynamical networks in a convex domain

Park, Ju H. (Department of Electrical Engineering, Yeungnam University, 280 Daehak-Ro, Kyonsan; 38541, Korea, Republic of); Tang, Ze; Feng, Jianwen **Source:** *Nonlinear Dynamics*, v 89, n 1, p 623-638, July 1, 2017
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## 250. Robust Adaptive Beamforming for Fast-Moving Target Detection with FDA-STAP Radar

Xu, Jingwei (Natl. Lab. of Radar Sign. Proc. and the Collab. Innov. Ctr. of Information Sensing and Understanding, Xidian University, Xi'an; 710071, China); Liao, Guisheng; Huang, Lei; So, Hing Cheung **Source:** *IEEE Transactions on Signal Processing*, v 65, n 4, p 973-984, February 15, 2017
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## 251. Solution-processed rapid synthesis strategy of Co3O4for the sensitive and selective detection of H2S

Navale, S.T. (College of Materials Science and Engineering, Shenzhen Key Laboratory of Polymer Science and Technology, Guangdong Research Center for Interfacial Engineering of Functional Materials, Nanshan District Key Laboratory for Biopolymers and Safety Evaluation, Shenzhen University, Shenzhen; 518060, China); Liu, Chenshitao; Gaikar, P.S.; Patil, V.B.; Sagar, R.U.R.; Du, B.; Mane, R.S.; Stadler, F.J. **Source:** *Sensors and Actuators, B: Chemical*, v 245, p 524-532, 2017
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## 252. Secret shared multiple-image encryption based on row scanning compressive ghost imaging and phase retrieval in the Fresnel domain

Li, Xianye (Department of Optics, School of Information Science and Engineering, Shandong Provincial Key Laboratory of Laser Technology and Application, Shandong University, Jinan; 250100, China); Meng, Xiangfeng; Wang, Yurong; Yang, Xiulun; Yin, Yongkai; Peng, Xiang; He, Wenqi; Dong, Guoyan; Chen, Hongyi **Source:** *Optics and Lasers in Engineering*, v 96, p 7-16, September 1, 2017
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## 253. Modelling Resilience of a Water Supply System under Climate Change and Population Growth Impacts

Amarasinghe, Pradeep (Science and Engineering Faculty, Queensland University of Technology (QUT), P.O. Box 2434, Brisbane; QLD; 4001, Australia); Liu, An; Egodawatta, Prasanna; Barnes, Paul; McGree, James; Goonetilleke, Ashantha **Source:** *Water Resources Management*, v 31, n 9, p 2885-2898, July 1, 2017
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## 254. A local search enhanced differential evolutionary algorithm for sparse recovery

Lin, Qiuzhen (College of Computer Science and Software Engineering, Shenzhen University, Shenzhen, China); Hu, Bishan; Tang, Ya; Zhang, Leo Yu; Chen, Jianyong; Wang, Xiaomin; Ming, Zhong **Source:** *Applied Soft Computing Journal*, v 57, p 144-163, August 1, 2017
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## 255. Life-cycle cost analysis of green-building implementation using timber applications

Tam, Vivian W.Y. (School of Computing, Engineering and Mathematics, Western Sydney University, Room Y3.39, Penrith (Kingswood) Campus Locked Bag 1797, Penrith; NSW; 2751, Australia); Senaratne, Sepani; Le, Khoa N.; Shen, Li-Yin; Perica, Josip; Illankoon, I.M. Chethana S. **Source:** *Journal of Cleaner Production*, v 147, p 458-469, March 20, 2017
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## 256. Big Data

Pan, Weike (Shenzhen University, China); Yang, Qiang; Aggarwal, Charu; Koch, Christoph **Source:** *IEEE Intelligent Systems*, v 32, n 2, p 7-8, March-April 2017
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## 257. Novel p-type conductivity in SnO2thin films by Mg doping

He, Haiying (School of Materials Science and Energy Engineering, Foshan University, Foshan; 528000, China); Xie, Zhengcai; Li, Qingqing; Li, Jiesen; Zhang, Qi **Source:** *Journal of Alloys and Compounds*, v 714, p 258-262, 2017
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## 258. Ultrafast laser-induced negative-index fiber Bragg gratings with enhanced thermal stability

He, Jun (Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen; 518060, China); Liao, Changrui; Yang, Kaiming; Wang, Yiping **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 10323, 2017, *25th International Conference on Optical Fiber Sensors*
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## 259. Distributed Target Detectors with Capabilities of Mismatched Subspace Signal Rejection

Liu, Weijian (Shenzhen University, Shenzhen; 518060, China); Liu, Jun; Huang, Lei; Yang, Zhaocheng; Yang, Haifeng; Wang, Yong-Liang **Source:** *IEEE Transactions on Aerospace and Electronic Systems*, v 53, n 2, p 888-900, April 2017
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