

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Chemistry ; Electrochemistry; Instruments & Instrumentation	Li, C; Zhang, ZJ; Chao, HC	趙涵捷	Mixed H-2/H-infinity-Based Fusion Estimation for Energy-Limited Multi-Sensors in Wearable Body Networks	SENSORS	JAN	2018
2	Computer Science	Chao, HC; Hu, B; Chen, CY	趙涵捷	Fog computing and internet of everything for emerging enterprise information systems	ENTERPRISE INFORMATION SYSTEMS		2018
3	Computer Science; Telecommunications	Dong, WB; Zhou, K; Zhang, GX; Chao, HC	趙涵捷	Modified Discrete Glowworm Swarm Optimization Algorithm Based on Time Window Division for Multi-objective VRPTW	JOURNAL OF INTERNET TECHNOLOGY		2018
4	Neurosciences & Neurology	Kwon, Y; Koene, RJ; Johnson, AD; Lin, GM; Ferguson, JD	林耕民	Sleep, sleep apnea and atrial fibrillation: Questions and answers	SLEEP MEDICINE REVIEWS	JUN	2018
5	Computer Science; Engineering; Operations Research & Management Science; Telecommunications	Chao, HC; Zhou, L; Xu, CQ; Lorenz, P	趙涵捷	Guest Editorial Special Issue on Visual Signal Applications Over Networks	IEEE SYSTEMS JOURNAL	MAR	2018

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6	Computer Science; Engineering; Operations Research & Management Science; Telecommunications	Ullah, S; Pedrycz, W; Karagiannidis, GK; Chao, HC; Gacek, A; Verikoukis, C	趙涵捷	Guest Editorial Special Issue on Communications Technologies and Infrastructures for Smart e-Health Systems	IEEE SYSTEMS JOURNAL	MAR	2018
7	Health Care Sciences & Services; Medical Informatics	Hsu, PC; Wu, HT; Sun, CK	吳賢財	Assessment of Subtle Changes in Diabetes-Associated Arteriosclerosis using Photoplethysmographic Pulse Wave from Index Finger	JOURNAL OF MEDICAL SYSTEMS	MAR	2018
8	Crystallography; Materials Science	Huang, CH; Chuang, WJ; Lin, CP; Jan, YL; Shih, YC	黃家華	Deposition Technologies of High-Efficiency CIGS Solar Cells: Development of Two-Step and Co-Evaporation Processes	CRYSTALS	JUL	2018
9	Computer Science; Telecommunications	Zhao, YS; Chao, HC	趙涵捷	A Green and Secure IoT Framework for Intelligent Buildings based on Fog Computing	JOURNAL OF INTERNET TECHNOLOGY		2018
10	Chemistry; Electrochemistry; Instruments & Instrumentation	Zhang, Y; Liu, Y; Chao, HC; Zhang, ZJ; Zhang, ZY	趙涵捷	Classification of Incomplete Data Based on Evidence Theory and an Extreme Learning Machine in Wireless Sensor Networks	SENSORS	APR	2018

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11	Computer Science	Chien, WC; Lai, CF; Cho, HH; Chao, HC	趙涵捷*	A SDN-SFC-based service-oriented load balancing for the IoT applications	JOURNAL OF NETWORK AND COMPUTER APPLICATIONS	15-Jul	2018
12	Computer Science	Zhang, WY; Zhang, ZJ; Chao, HC; Tseng, FH	趙涵捷	Kernel mixture model for probability density estimation in Bayesian classifiers	DATA MINING AND KNOWLEDGE DISCOVERY	MAY	2018
13	Computer Science; Engineering; Operations Research & Management Science; Telecom	Chou, LD; Chen, HF; Tseng, FH; Chao, HC; Chang, YJ	趙涵捷	DPRA: Dynamic Power-Saving Resource Allocation for Cloud Data Center Using Particle Swarm Optimization	IEEE SYSTEMS JOURNAL	JUN	2018
14	Computer Science; Engineering; Operations Research & Management Science; Telecom	Tseng, FH; Wang, XF; Chou, LD; Chao, HC; Leung, VCM	趙涵捷*	Dynamic Resource Prediction and Allocation for Cloud Data Center Using the Multiobjective Genetic Algorithm	IEEE SYSTEMS JOURNAL	JUN	2018
15	Computer Science; Engineering; Telecom	Chen, NY; Liu, Y; Chao, HC	趙涵捷	Overlapping Community Detection Using Non-Negative Matrix Factorization With Orthogonal and Sparseness Constraints	IEEE ACCESS		2018

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16	Computer Science	Gao, DY; Liu, ZH; Liu, Y; Foh, CH; Zhi, T; Chao, HC	趙涵捷	Defending against Packet-In messages flooding attack under SDN context	SOFT COMPUTING	OCT	2018
17	Computer Science	Yeh, CH; Tseng, WY; Kang, LW; Lee, CW; Muchtar, K; Chen, MJ	陳美娟	Coding unit complexity-based predictions of coding unit depth and prediction unit mode for efficient HEVC-to-SHVC transcoding with quality scalability	JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION	AUG	2018
18	Research & Experimental Medicine; Ophthalmology	Lin, GM; Chen, MJ; Yeh, CH; Lin, YY; Kuo, HY; Lin, MH; Chen, MC; Lin, SFD; Gao, Y; Ran, AR; Cheung, CY	陳美娟. 林信鋒. 林耕民	Transforming Retinal Photographs to Entropy Images in Deep Learning to Improve Automated Detection for Diabetic Retinopathy	JOURNAL OF OPHTHALMOLOGY		2018
19	Chemistry; Electrochemistry; Instruments & Instrumentation	Shi, YC; Zhang, ZJ; Chao, HC; Shen, B	趙涵捷	Data Privacy Protection Based on Micro Aggregation with Dynamic Sensitive Attribute Updating	SENSORS	JUL	2018
20	Chemistry; Materials Science; Physics	Adege, AB; Lin, HP; Tarekegn, GB; Jeng, SS	鄭獻勳	Applying Deep Neural Network (DNN) for Robust Indoor Localization in Multi-Building Environment	APPLIED SCIENCE S-BASEL	JUL	2018

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21	Engineering; Telecommunications; Transportation	Wu, D; Zhou, L; Cai, YM; Chao, HC; Qian, Y	趙涵捷	Physical-Social-Aware D2D Content Sharing Networks: A Provider-Demander Matching Game	IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY	AUG	2018
22	General & Internal Medicine	Chen, MJ; Yang, PH; Hsieh, MT; Yeh, CH; Huang, CH; Xu, Y	陳美娟. 林耕民*	Machine learning to relate PM2.5 and PM10 concentrations to outpatient visits for upper respiratory tract infections in Taiwan: A nationwide analysis	WORLD JOURNAL OF CLINICAL CASES	16-Aug	2018
23	Automation & Control Systems; Computer Science; Engineering	Hu, B; Guan, ZH; Xiong, NX; Chao, HC	趙涵捷	Intelligent Impulsive Synchronization of Nonlinear Interconnected Neural Networks for Image Protection	IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS	AUG	2018
24	Physics	Xiao, MX; Wei, HC; Xu, YJ; Wu, HT; Sun, GK	吳賢財	Combination of K-K Interval and Crest Time in Assessing Complexity Using Multiscale Cross-Approximate Entropy in Normal and Diabetic	ENTROPY	JUL	2018

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25		Kai-wen Chen, Fan-Chun Meng, Yu-Lueng Shih, Fang-Ying Su, Yen-Po Lin, Felicia Lin, Jia-Wei Lin, Wei-Kuo Chang, Chung-Jen Lee, Yi-Hwei Li, Chung-Bao Hsiao	林耕民	Sex-Specific Association between Metabolic Abnormalities and Elevated Alanine Aminotransferase Levels in a Military Cohort: The CHIEF Study	Int. J. Environ. Res. Public Health	March	2018
26	Communication, Networking & Broadcasting	Chun-Yi Wei ; Arvin C.-S. Huang ; Cheng-Yu Chen ; Jen-Yeu Chen	陳震宇	QoS-Aware Hybrid Scheduling for Geographical Zone-Based Resource Allocation in Cellular Vehicle-to-Vehicle Communications	IEEE Communications Letters	MAR	2018
27	Automation & Control Systems; Computer Science; Engineering	Chen, MJ; Wu, YD; Yeh, CH; Lin, KM; Lin, SFD	陳美娟. 林信鋒	Efficient CU and PU Decision Based on Motion Information for Interprediction of HEVC	IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS	NOV	2018
28	Computer Science; Engineering; Medical Informatics	Haryadi, B; Liou, JJ; Wei, HC; Xiao, MX; Wu, HT; Sun, CK	吳賢財	Application of multiscale Poincare short-time computation versus multiscale entropy in analyzing fingertip photoplethysmogram amplitudes to differentiate diabetic from non-diabetic	COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE	NOV	2018

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29	Automation & Control Systems; Computer Science	Yang, MC; Wang, JZ; Sun, TY	孫宗瀛*	EMD-Based Preprocessing with a Fuzzy Inference System and a Fuzzy Neural Network to Identify Kiln Coating Collapse for Predicting Refractory Failure in the Cement Process	INTERNATIONAL JOURNAL OF FUZZY SYSTEMS	DEC	2018
30	Computer Science; Engineering; Telecommunications	Tseng, FH; Hsueh, JH; Tseng, CW; Yang, YT; Wei, HC	趙涵捷	Congestion Prediction With Big Data for Real-Time way Highway Traffic	IEEE ACCESS		2018
31	Science & Technology - Other Topics	Xiao, MX; Chen, HY; Li, YQ; Wu, HT	吳賢財*	Instantaneous frequency from Hilbert-Huang transformation of digital volume pulse as indicator of diabetes and arterial stiffness in upper-middle-aged subjects	SCIENTIFIC REPORTS	25-Oct	2018
32	Crystallography; Materials Science	Huang, CH; Jan, YL; Chuang, WJ; Lu, PT	黃家華*	Investigation of Approaches to Control the Compositions of Zn(Se,OH) Buffers Prepared by Chemical Bath Deposition Process for Cu(In,Ga)Se-2 (CIGS) Solar Cells	CRYSTALS	SEP	2018
33	Science & Technology - Other Topics; Materials Science; Physics	Simanjuntak, FM; Chandrasekaran, S; Lin, CC; Tseng, TY	林群傑*	Switching Failure Mechanism in Zinc Peroxide-Based Programmable Metallization Cell	NANOSCALE RESEARCH LETTERS	19-Oct	2018
34	Chemistry; Electrochemistry; Instruments & Instrumentation	Shen, B; Liao, YC; Liu, D; Chao, HC	趙涵捷	A Method of HBase Multi-Conditional Query for Ubiquitous Sensing Applications	SENSORS	SEP	2018

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35	Engineering; Imaging Science & Photographic Technology	Lin, KM; Lin, JR; Chen, MJ; Yeh, CH; Lee, CA	陳美娟	Fast inter-prediction algorithm based on motion vector information for high efficiency video coding	EURASIP JOURNAL ON IMAGE AND VIDEO PROCESSING	1-Oct	2018
36	Automation & Control Systems; Computer Science; Engineering	Fu, JS; Liu, Y; Chao, HC; Bhargava, BK; Zhang, ZJ	趙涵捷	Secure Data Storage and Searching for Industrial IoT by Integrating Fog Computing and Cloud Computing	IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS	OCT	2018
37	Computer Science; Engineering; Telecommunication	Yeh, CH; Zhang, ZT; Chen, MJ; Lin, CY	陳美娟	HEVC Intra Frame Coding Based on Convolutional Neural Network	IEEE ACCESS		2018

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1	Computer science: artificial intelligence	[1]. Ming-Chin Yang, Jing-Zhong Wang and Tsung-Ying	孫宗瀛	EMD-based Preprocessing and Fuzzy Inference System to Identify Kiln Coating Collapse for Predicting Refractory Failure in Cement Process	International Journal of Fuzzy Systems	3-Jul	2018