電機工程學系(Department of Electrical Engineering)

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Computer Science	Yeh, CH; Lin, JR; Chen, MJ; Yeh, CH; Lee, CA; Tai, KH	陳美娟	Fast prediction for quality scalability of High Efficiency Video Coding Scalable Extension	JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION	JAN	2019
2	Engineering; Physics	Liu, KM; Chen, EC	劉耿銘*	Investigation of the Effects and the Random-Dopant-Induced Variations of Source/Drain Extension of 7-nm Strained SiGe n-Type FinFETs	IEEE TRANSACTIONS ON ELECTRON DEVICES	FEB	2019
3	Telecommunications	Zhang, WY; Zhang, ZJ; Zeadally, S; Chao, HC	趙涵捷	Efficient Task Scheduling With Stochastic Delay Cost in Mobile Edge Computing	IEEE COMMUNICATIONS LETTERS	JAN	2019
4	Computer Science; Engineering; Telecommunications	Chao, HC; Comer, DE; Kao, O	趙涵捷*	SPACE AND TERRESTRIAL INTEGRATED NETWORKS: EMERGING RESEARCH ADVANCES, PROSPECTS, AND CHALLENGES	IEEE NETWORK	JAN-FEB	2019
5	Automation & Control Systems; Computer Science; Engineering	Zhang, WY; Zhang, ZJ; Zeadally, S; Chao, HC; Leung, VCM	趙涵捷	MASM: A Multiple-Algorithm Service Model for Energy-Delay Optimization in Edge Artificial Intelligence	IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS	JUL	2019
6	Automation & Control Systems; Computer Science; Engineering	Chien, WC; Lai, CF; Chao, HC	趙涵捷*	Dynamic Resource Prediction and Allocation in C-RAN With Edge Artificial Intelligence	IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS	JUL	2019
7	Computer Science; Engineering; Telecommunications	Zhang, WY; Zhang, ZJ; Chao, HCE; Guizani, M	趙涵捷	TOWARD INTELLIGENT NETWORK OPTIMIZATION IN WIRELESS NETWORKING: AN AUTO LEARNING FRAMEWORK	IEEE WIRELESS COMMUNICATIONS	JUN	2019
8	Computer Science; Telecommunications	Yu, CM; Chen, CC	陳俊全*	Joint topology control and routing design for reconfigurable ring-tree networks	INTERNATIONAL JOURNAL OF SENSOR NETWORKS		2019

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NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
9	Science & Technology - Other Topics; Materials Science; Physics	Simanjuntak, FM; Chandrasekaran, S; Lin, CC; Tseng, TY	林群傑*	ZnO2/ZnO bilayer switching film for making fully transparent analog memristor devices	APL MATERIALS	MAY	2019
10	Computer Science; Engineering; Telecommunications	Chien, WC; Cho, HH; Lai, CF; Tseng, FH; Chao, HC; Hassan, MM; Alelaiwi, A	趙涵捷	Intelligent Architecture for Mobile HetNet in B5G	IEEE NETWORK	MAY-JUN	2019
11	Chemistry; Electrochemistry; Instruments & Instrumentation	Yeh, CH; Lin, MH; Lin, CH; Yu, CE; Chen, MJ	陳美娟	Machine Learning for Long Cycle Maintenance Prediction of Wind Turbine	SENSORS	1-Apr	2019
12	Computer Science; Engineering; Telecommunications	Chen, CC; Ku, ML	陳俊全*	Carrier Frequency Offset Estimation Bound for OFDM-Based Single Relay Networks With Multipath Receptions	IEEE ACCESS		2019
13	Computer Science; Engineering	Liao, YW; Chen, MJ; Yeh, CH; Lin, JR; Chen, CW	陳美娟	Efficient inter-prediction depth coding algorithm based on depth map segmentation for 3D-HEVC	MULTIMEDIA TOOLS AND APPLICATIONS	APR	2019
14	Computer Science; Engineering; Telecommunications	Tai, KH; Chen, MJ; Lin, JR; Huang, RY; Yeh, CH; Chen, CY; Lin, SFD; Weng, RM; Chang, CY	陳美娟.林信鋒	Acceleration for HEVC Encoder by Bimodal Segmentation of Rate-Distortion Cost and Accurate Determination of Early Termination and Early Split	IEEE ACCESS		2019
15	Computer Science; Engineering	Chiang, HH; Chen, WM; Chao, HC; Tsai, DL	趙涵捷	A virtual tutor movement learning system in eLearning	MULTIMEDIA TOOLS AND APPLICATIONS	FEB	2019
16	Mathematics; Science & Technology - Other Topics	Wei, HC; Xiao, MX; Ta, N; Wu, HT; Sun, CK	吳賢財	Assessment of Diabetic Autonomic Nervous Dysfunction with a Novel Percussion Entropy Approach	COMPLEXITY		2019

資料統計期間(Survey Period)：2019.1.1~2019.12.31

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NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
17	Engineering	Tseng, FH; Chen, CY; Chao, HC	趙涵捷*	Multi-objective optimisation for heterogeneous cellular network planning	IET COMMUNICATIONS	19-Feb	2019
18	Computer Science; Engineering	Zhang, WY; Zhang, ZJ; Wang, LF; Chao, HC; Zhou, ZB	趙涵捷	Extreme learning machines with expectation kernels	PATTERN RECOGNITION	DEC	2019
19	Computer Science; Telecommunications	Kim, KI; Ullah, S; Verikoukis, C; Chao, HC	趙涵捷	Editorial on "Special issue on fog computing for healthcare"	PEER-TO-PEER NETWORKING AND APPLICATIONS	SEP	2019
20	Computer Science	Gan, WS; Lin, JCW; Chao, HC; Fujita, H; Yu, PS	趙涵捷	Correlated utility-based pattern mining	INFORMATION SCIENCES	DEC	2019
21	Computer Science; Engineering; Telecommunications	Zhang, ZJ; Han, BW; Chao, HC; Sun, F; Uden, L; Tang, D	趙涵捷	A New Weight and Sensitivity Based Variable Maximum Distance to Average Vector Algorithm for Wearable Sensor Data Privacy Protection	IEEE ACCESS		2019
22	Engineering	Huang, CJ; Hu, KW; Liu, AF; Chen, CT	黃振榮*	An emission-aware real-time power scheduling system for the Internet of Energy	INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS	JUL	2019
23	Computer Science	Li, TM; Chao, HC; Zhang, JM	趙涵捷	Emotion classification based on brain wave: a survey	HUMAN-CENTRIC COMPUTING AND INFORMATION SCIENCES	DEC	2019
24	Computer Science	Gan, WS; Lin, JCW; Fournier-Viger, P; Chao, HC; Yu, PS	趙涵捷	A Survey of Parallel Sequential Pattern Mining	ACM TRANSACTIONS ON KNOWLEDGE DISCOVERY FROM DATA	JUL	2019
25	Computer Science; Engineering; Telecommunications	Dai, C; Liu, XG; Lai, JF; Li, P; Chao, HC	趙涵捷	Human Behavior Deep Recognition Architecture for Smart City Applications in the 5G Environment	IEEE NETWORK	SEP-OCT	2019

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NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
26	Computer Science; Telecommunications	Huang, CJ; Hu, KW; Liu, AF; Chen, LC; Chen, CT	黃振榮*	An Emission-Aware Day-Ahead Power Scheduling System for Internet of Energy	KSII TRANSACTIONS ON INTERNET AND INFORMATION SYSTEMS	31-Oct	2019
27	Engineering	Huang, CH; Lo, H; Lo, C; Hsu, CC; Lour, WS	黃家華	Nondestructive Evaluation of Multijunction Solar Cells for Matching Currents	IEEE JOURNAL OF THE ELECTRON DEVICES SOCIETY		2019
28	Engineering; Telecommunications	Lin, PR; Chen, CY; Liu, TQ; Chen, JY; Jeng, SS	鄭献勳.陳震宇	Optimization of 2-stage cooperative spectrum for cognitive radio networks using multi-antenna energy detectors	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS		
29	Computer Science	Chien, WC; Weng, HY; Lai, CF; Fan, Z; Chao, HC; Hu, Y	趙涵捷*	A SFC-based access point switching mechanism for Software-Defined Wireless Network in IoV	FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE	SEP	2019