

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Computer Science; Engineering; Telecommunications	Luo, HB; Xu, YK; Xie, WJ; Chen, Z; Li, JW; Zhang, HK; Chao, HC	趙涵捷	A Framework for Integrating Content Characteristics into the Future Internet Architecture	IEEE NETWORK	MAY-JUN	2017
2	Endocrinology & Metabolism; Cardiovascular System & Cardiology	Wu, HT; Lee, KW; Pan, WY; Liu, AB; Sun, CK	吳賢財	Difference in bilateral digital volume pulse as a novel non-invasive approach to assessing arteriosclerosis in aged and diabetic subjects: A preliminary study	DIABETES & VASCULAR DISEASE RESEARCH	MAY	2017
3	Physics	Wu, HT; Yang, CC; Lin, GM; Haryadi, B; Chu, SC; Yang, CM	吳賢財; 林耕民	Multiscale Cross-Approximate Entropy Analysis of Bilateral Fingertips Photoplethysmographic Pulse Amplitudes among Middle-to-Old Aged Individuals with or without Type 2 Diabetes	ENTROPY	APR	2017
4	Physics	Lin, GM; Haryadi, B; Yang, CM; Chu, SC; Yang, CC; Wu, HT	吳賢財*; 林耕民	Discrepancies between Conventional Multiscale Entropy and Modified Short-Time Multiscale Entropy of Photoplethysmographic Pulse Signals in Middle- and Old-Aged Individuals with or without Diabetes	ENTROPY	MAR	2017
5	Computer Science	Sharma, V; Srinivasan, K; Chao, HC; Hua, KL; Cheng, WH	趙涵捷	Intelligent deployment of UAVs in 5G heterogeneous communication environment for improved coverage	JOURNAL OF NETWORK AND COMPUTER APPLICATIONS	1-May	2017
6	Physics	Lin, CC; Tsai, SW; Zeng, ZL	林群傑*	Graphene with different oxygenated levels in transparent resistive switching memory applications	JAPANESE JOURNAL OF APPLIED PHYSICS	APR	2017

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7	Computer Science; Engineering; Telecommunications	Xu, T; Gao, DY; Dong, P; Zhang, HK; Foh, CH; Chao, HC	趙涵捷	Defending Against New-Flow Attack in SDN-Based Internet of Things	IEEE ACCESS		2017
8	Computer Science; Mathematical & Computational Biology; Medical Informatics	Wu, HT; Lin, BY; Yang, CC; Ou, YN; Sun, CK	吳賢財	Assessment of Vascular Health With Photoplethysmographic Waveforms From the Fingertip	IEEE JOURNAL OF BIOMEDICAL AND HEALTH INFORMATICS	MAR	2017
9	Computer Science; Engineering; Operations Research & Management Science; Telecommunications	Wang, MS; Chen, SY; Wang, YJ	Wang, Yu-Jhih	A Power-Scalable Three-Dimensional Streaming Playback Mechanism on Heterogeneous System Architectures	IEEE SYSTEMS JOURNAL	MAR	2017
10	Computer Science; Telecommunications	Liu, ZH; Gao, DY; Liu, Y; Zhang, HK; Chao, HC	趙涵捷	Optimizing Elephant Flow Scheduling for SDN-Based Data Center Network	JOURNAL OF INTERNET TECHNOLOGY	JAN	2017
11	Engineering	Lai, CF; Hwang, RH; Chao, HC	趙涵捷	A QoS Aware Resource Allocation Strategy for Mobile Graphics Rendering With Cloud Support	IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY	JAN	2017

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12	Gastroenterology & Hepatology	Chen, TJ; Chen, KW; Shih, YL; Su, FY; Lin, YP; Meng, FC; Lin, F; Yu, YS; Han, CL; Wang, CH; Lin, JW; Hsieh, TY; Li, YH; Hsu, V;	Lin, Gen-Min	Chronic hepatitis B, nonalcoholic steatohepatitis and physical fitness of military males: CHIEF study	WORLD JOURNAL OF GASTROENTEROLOGY	7-Jul	2017
13	Computer Science; Engineering	Srinivasan, K; Kumar, R; Chao, HC; Hua, YH	趙涵捷	Efficient cooperative relaying in flying ad hoc networks using fuzzy-bee colony optimization	JOURNAL OF SUPERCOMPUTING	JUL	2017
14	Computer Science; Engineering; Operations Research & Management Science; Telecommunications	Yu, CM; Chen, CY; Chao, HC	趙涵捷	Privacy-Preserving Multikeyword Similarity Search Over Outsourced Cloud Data	IEEE SYSTEMS JOURNAL	JUN	2017
15	Chemistry; Electrochemistry; Instruments & Instrumentation	Lin, TY; Ho, YC; Su, CC	何盈杰*	LDMOS Channel Thermometer Based on a Thermal Resistance Sensor for Balancing Temperature in Monolithic Power ICs	SENSORS	JUN	2017

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16	Integrative & Complementary Medicine	Tang, CC; Lin, GM; Wang, JH; Chu, HC; Wu, HT; Chen, JJ; Chen, GK	吳賢財. 林耕民	Effects of Combined Far-Infrared Radiation and Acupuncture at ST36 on Peripheral Blood Perfusion and Autonomic Activities	EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE		2017
17	Energy & Fuels	Shieh, HJ; Chen, YZ	謝欣然*	A Sliding Surface-Regulated Current-Mode Pulse-Width Modulation Controller for a Digital Signal Processor-Based Single Ended Primary Inductor Converter-Type Power Factor Correction	ENERGIES	AUG	2017
18	Engineering; Telecommunications	Lai, CF; Chang, YC; Chao, HC; Hossain, MS; Ghoneim, A	趙涵捷	A Buffer-Aware QoS Streaming Approach for SDN-Enabled 5G Vehicular Networks	IEEE COMMUNICATIONS MAGAZINE	AUG	2017
19	Engineering	Liu, XG; Liu, YB; Wang, PC; Lai, CF; Chao, HC	趙涵捷	An Adaptive Mode Decision Algorithm Based on Video Texture Characteristics for HEVC Intra Prediction	IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY	AUG	2017
20	Computer Science; Engineering; Telecommunications	Zhao, WC; Qin, YJ; Gao, DY; Foh, CH; Chao, HC	趙涵捷	An Efficient Cache Strategy in Information Centric Networking Vehicle-to-Vehicle Scenario	IEEE ACCESS		2017
21	Computer Science; Engineering; Telecommunications	Zhang, ZJ; Hao, ZQ; Zeadally, S; Zhang, J; Han, BW; Chen, HC	趙涵捷	Multiple Attributes Decision Fusion for Wireless Sensor Networks Based on Intuitionistic Fuzzy Set	IEEE ACCESS		2017

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22	Mathematics; Science & Technology - Other Topics	Wu, HT; Lin, GM; Haryadi, B; Yang, CM; Chu, HC	吳賢財. 林耕民*	Glycemic Control, Hand Activity, and Complexity of Biological Signals in Diabetes Mellitus	COMPLEXITY		2017
23	Telecommunications	Ge, XH; Mao, GQ; Chao, HC; Casares-Giner, V	趙涵捷	5G wireless ultradense networks	TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES	SEP	2017
24	Hematology; Cardiovascular System & Cardiology	Lin, GM; Yang, CM; Wu, HT	吳賢財. 林耕民	Multiscale Entropy of Photoplethysmographic Pulse Amplitudes of Bilateral Fingertips Varies by Hand Dominance and Diabetes Status	ARTERIO SCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY	MAY	2017
25	Science & Technology - Other Topics; Materials Science; Physics	Simanjuntak, FM; Chandrasekaran, S; Pattanayak, B; Lin, CC; Tseng, TY	林群傑*	Peroxide induced volatile and non-volatile switching behavior in ZnO-based electrochemical metallization memory cell	NANOTECHNOLOGY	20-Sep	2017
26	Computer Science; Telecommunications	Huang, PC; Lin, JR; Li, GL; Tai, KH; Chen, MJ	陳美娟*	Improved Depth-Assisted Error Concealment Algorithm for 3D Video Transmission	IEEE TRANSACTIONS ON MULTIMEDIA	NOV	2017

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27	Engineering; Materials Science; Physics	Simanjuntak, FM; Singh, P; Chandrasekaran, S; Lumbantoruan, FJ; Yang, CC; Huang, CJ; Lin, CC; T	林群傑	Role of nanorods insertion layer in ZnO-based electrochemical metallization memory cell	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	DEC	2017
28	Engineering; Physics	Lin, T; Ho, Y; Su, C	何盈杰*	High-R Poly Resistance Deviation Improvement From Suppressions of Back-End Mechanical Stresses	IEEE TRANSACTIONS ON ELECTRON DEVICES	OCT	2017
29	Computer Science; Telecommunications	Cho, HH; Tseng, FH; Shih, TK; Zhang, C; Chao, HC	趙涵捷*	Markov-based Emergency Message Reduction Scheme for Roadside Assistance	MOBILE NETWORKS & APPLICATIONS	OCT	2017
30	Computer Science; Telecommunications	Lin, ZJ; Huang, LF; Li, YJ; Chao, HC; Chao, HC	趙涵捷*	Analysis of transmission capacity for multi-mode D2D communication in mobile networks	PERVASIVE AND MOBILE COMPUTING	OCT	2017
31	Physics	Chandrasekaran, S; Simanjuntak, FM; Tsai, TL; Lin, CA; Tseng, ZY	Simanjuntak, Firman Mangasa	Effect of barrier layer on switching polarity of ZrO ₂ -based conducting-bridge random access memory	APPLIED PHYSICS LETTERS	11-Sep	2017
32	Computer Science; Engineering; Telecommunications	Zhang, WY; Zhang, ZJ; Chao, HC; Liu, Y; Zhang, D	趙涵捷	System-Level Energy Balance for Maximizing Network Lifetime in WSNs	IEEE ACCESS		2017

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33	Computer Science; Telecom municatio ns	Tsai, KC; Li, GL; Chen, MJ; Yeh, CH	陳美娟*	A Selection Mechanism for Multiple Error Concealment Techniques in Scalable Video Coding	JOURNAL OF INTERNE T TECHNO LOGY		2017
34	Engineeri ng	Ho, Y; Hsu, C	何盈杰*	Standby power reduction using dynamic standby control with voltage keeper	IEICE ELECTRO NICS EXPRESS	25-Sep	2017
35	Engineeri ng; Telecom municatio ns	Tai, KH, Hsieh, MY; Chen, MJ; Chen, GX, X-L	陳美娟	A Fast HEVC Encoding Method Using Depth Information of Collocated CUs and RD Cost Characteristics of PU Modes	IEEE TRANSA CTIONS ON BROADC ASTING	DEC	2017
36	Computer Science; Engineeri ng; Telecom municatio ns	Sharma, V; Song, F; You, I; Chao, HC	趙涵捷	Efficient Management and Fast Handovers in Software Defined Wireless Networks Using UAVs	IEEE NETWOR K	NOV-DEC	2017
37	Computer Science; Engineeri ng; Telecom municatio ns	Feng, BH; Zhou, HC; Zhang, HK; Li, GW; Li, HF, Y	趙涵捷*	HetNet: A Flexible Architecture for Heterogeneous Satellite-Terrestrial Networks	IEEE NETWOR K	NOV-DEC	2017

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1	Electrical Engineering	Jerry Chun-Wei Lin, Wensheng Gan, Philippe Fournier-Viger, Tzung-Pei Hong, Han-Chieh Chao	趙涵捷	FDHUP: Fast Algorithm for Mining Discriminative High Utility Patterns	Knowledge and Information Systems	June	2017
2		Ko-Huan Lin, Hong-Zin Lin, Yen-Po Lin, Fan-Chun Meng, Felicia Lin, Hsien-Tsai Wu, Gen-Min Tsai	林耕民. 吳賢財	Obstructive sleep apnea and retinal microvascular characteristics: a brief review.	Neuropsychiatry (London)		2017