

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Computer Science	Huang, CJ; Chang, SC; Chen, HM; Tseng, JH; Chen, CH	黃振榮*	Supporting the development of synchronous text-based computer-mediated communication with an intelligent diagnosis tool	APPLIED SOFT COMPUTING	FEB	2016
2	Engineering; Instruments & Instrumentation; Physics	Yu, YH; Sun, TY	孫宗瀛*	A Pseudo-Differential Measuring Approach for Implementing Microcontroller-Based Capacitive Touch Sensing in Low-Power Quality Situation	IEEE SENSORS JOURNAL	15-Jan	2016
3	Materials Science; Optics	Chen, LC; Yu, CT; Peng, YC; Hung, JJ; Chang, HM; Tzeng, SD; Wang, CM; Lin, CC; Lin, WH	林楚軒*. 曾賢德. 王智明. 林群傑	Antireflection with graphene oxide	OPTICAL MATERIALS EXPRESS	1-Jan	2016
4	Respiratory System	Wu, HT; Pan, WY; Liu, AB; Su, MC; Chen, HR; Tsai, IT; Lin, MC; Sun, GK	吳賢財	Vibration signals of snoring as a simple severity predictor for obstructive sleep apnea	CLINICAL RESPIRATORY JOURNAL	JUL	2016
5	Computer Science; Engineering; Telecommunication	Wang, B; Chen, QY; Yang, LT; Chao, HC	趙涵僊	INDOOR SMARTPHONE LOCALIZATION VIA FINGERPRINT CROWDSOURCING: CHALLENGES AND APPROACHES	IEEE WIRELESS COMMUNICATIONS	JUN	2016

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
6	Engineering	Tang, CC; Wu, HT; Chuang, WY; Liu, TC; Tsai, IT; Chen, JJ; Sun, CK	吳賢財	Application of Short-Time MSE in Assessing Impact of Acupuncture on Peripheral Blood Flow and Autonomic Activities in Normal and Overweight Subjects	JOURNAL OF MEDICAL AND BIOLOGICAL ENGINEERING	JUN	2016
7	Computer Science	Wey, YC; Chen, MJ; Yeh, CH; Chen, CY	陳美娟	Fast Mode Decision Algorithm for Scalable Video Coding Based on Probabilistic Models	JOURNAL OF INFORMATION SCIENCE AND ENGINEERING	JUL	2016
8	Neurosciences & Neurology	Pan, WY; Su, MC; Wu, HT; Su, TJ; Lin, MC; Sun, CK	吳賢財	Multiscale entropic assessment of autonomic dysfunction in patients with obstructive sleep apnea and therapeutic impact of continuous positive airway	SLEEP MEDICINE	APR	2016
9	Computer Science; Telecommunications	Tai, KH; Chen, MJ; Li, XZ	陳美娟*	Content Adaptive Intra Prediction Algorithm for HEVC Encoder	JOURNAL OF INTERNET TECHNOLOGY	MAY	2016
10	Nutrition & Dietetics; Pharmacology & Pharmacy	Sun, CK; Wu, HT; Chang, HC; Kao, CF; Pan, WY; Chen, JJ	吳賢財	EFFECTS OF SHORT-TERM CAROTENOID-CONTAINING MULTIVITAMIN DIET SUPPLEMENTATION ON VASCULAR HEALTH IN YOUNG ADULTS	CURRENT TOPICS IN NUTRACEUTICAL RESEARCH	FEB	2016
11	Engineering; Instruments & Instrumentation; Physics	Cho, HH; Shih, TK; Chao, HC	趙涵捷*	A Robust Coverage Scheme for UWSNs Using the Spline Function	IEEE SENSORS JOURNAL	1-Jun	2016

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
12	Computer Science; Engineering	Huang, CJ; Hu, KW; Chen, HM; Liao, HH; Tsai, HW; Gu	黃振榮*	An Intelligent Energy Management Mechanism for Electric Vehicles	APPLIED ARTIFICIAL INTELLIGENCE	7-Feb	2016
13	Health Care Sciences & Services; Medical Informatics	Chao, HC; Zeadally, S; Hu, B	趙涵捷*	Wearable Computing for Health Care	JOURNAL OF MEDICAL SYSTEMS	APR	2016
14	Engineering	Ho, Y; Hsu, SY; Lee, CY	何盈杰*	A Variation-Tolerant Subthreshold to Superthreshold Level Shifter for Heterogeneous Interfaces	IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II-EXPRESS BRIEFS	FEB	2016
15	Science & Technology - Other Topics	Tseng, Y; Su, C; Ho, Y	何盈杰	Evaluation and verification of Channel Transmission Characteristics of Human Body for Optimizing Data Transmission Rate in Electrostatic-Coupling Intra Body Communication System: A Comparative Analysis	PLOS ONE	11-Feb	2016
16	Computer Science; Engineering; Telecommunication	Zhang, HK; Quan, W; Chao, HC; Qiao, CM	趙涵捷	Smart Identifier Network: A Collaborative Architecture for the Future Internet	IEEE NETWORK	MAY-JUN	2016
17	Computer Science; Engineering; Telecommunication	Tseng, FH; Chou, LD; Chao, HC	趙涵捷	Network planning for Type 1 and Type 1a relay nodes in LTE-Advanced networks	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	25-Aug	2016

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
18	Engineering; Materials Science; Physics	Huang, CH; Lin, CP; Jan, YL	黃家華*	Characteristics of CIGS photovoltaic devices co-evaporated with various Se flux rates at low temperatures	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	AUG	2016
19	Computer Science; Telecommunications	Tseng, FH; Liang, TT; Chou, TD	趙涵捷	Network Planning for Heterogeneous Cellular Network in Next Generation Mobile Communications	JOURNAL OF INTERNET TECHNOLOGY	NOV	2016
20	Engineering; Telecommunications	Fu, JS; Liu, Y; Chao, HC; Zhang, ZJ	趙涵捷	Green Alarm Systems Driven by Emergencies in Industrial Wireless Sensor Networks	COMMUNICATIONS MAGAZINE	OCT	2016
21	Automation & Control Systems; Computer Science	Wang, JZ; Ho, YC; Sun, TY	孫宗瀛*, 何盈杰	Fuzzy Scaled Mutation Evolutionary Computation	INTERNATIONAL JOURNAL OF FUZZY SYSTEMS	DEC	2016
22	Education & Educational Research	Huang, CJ; Chang, SC; Chen, HM; Tseng, JH; Chen, CH	黃振榮*	A group intelligence-based asynchronous argumentation learning-assistance platform	INTERACTIVE LEARNING ENVIRONMENTS	OCT	2016
23	Chemistry; Science & Technology - Other Topics; Materials Science; Physics	Lin, CC; Lee, WY; Lee, HT	林群傑*	Resistive Switching in Al/Al ₂ O ₃ /TiO ₂ /Al/PES Flexible Device for Nonvolatile Memory Application	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	MAY	2016
24	Computer Science; Telecommunications	Cho, HH; Lai, CF; Shih, TK; Chao, HC	趙涵捷	Learning-Based Data Envelopment Analysis for External Cloud Resource Allocation	MOBILE NETWORKS & APPLICATIONS	OCT	2016

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	電機	Yu-Hsiang Yu and Tsung-Ying Sun	游宇翔、孫宗瀛	A Pseudo-differential Measuring Approach for Implementing Microcontroller-based Capacitive Touch Sensing in Low Power Quality Situation		Jan-00	2016
2	EQ 電信 (微波、通訊、網路、訊號處理)	Xingang Liu, Yinbo Liu, Peicheng Wang, Chin-Feng Lai, Han-Chieh Chao	趙涵捷	An Adaptive Mode Decision Algorithm Based on Video Texture Characteristics for HEVC Intra Prediction	Transactions on Circuits and Systems for Video Technology	42480	2016
3	EQ 電信 (微波、通訊、網路、訊號處理)	Chin-Feng Lai, Ren-Hung Hwang, Han-Chieh Chao	趙涵捷	A QoS Aware Resource Allocation Strategy for Mobile Graphics Rendering with Cloud Support	Transactions on Circuits and Systems for Video Technology	42563	2016
4	EQ 電信 (微波、通訊、網路、訊號處理)	Li-Der Chou, Hui-Fan Chen, Fan-Hsun Tseng and Han-Chieh Chao,	趙涵捷	DPRA: Dynamic Power-Saving Resource Allocation for Cloud Data Center Using Particle Swarm Optimization	IEEE Systems Journal	42606	2016
5	EQ 電信 (微波、通訊、網路、訊號處理)	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 An International Journal	42633	2016