

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Engineering; Optics; Imaging Science & Photographic Technology	Li, MS; Chen, MJ; Yeh, CH; Tai, KH	陳美娟	Performance Improvement of Multi-View Video Coding Based on Geometric Prediction and Human Visual System	INTERNATIONAL JOURNAL OF IMAGING SYSTEMS AND TECHNOLOGY	MAR	2015
2	Physics	Pan, WY; Su, MC; Wu, HT; Lin, MC; Tsai, IT; Sun, CK	吳賢財	Multiscale Entropy Analysis of Heart Rate Variability for Assessing the Severity of Sleep Disordered Breathing	ENTROPY	JAN	2015
3	Engineering; Physics	Chang, HY; Weng, RM; Kuo, YF	翁若敏*	An independently tunable dual-band bandpass filter using open-loop resonators	JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS	2-Jan	2015
4	Computer Science; Engineering; Mathematical & Computational Biology; Medical Informatics	Liu, AB; Wu, HT; Liu, CW; Liu, CC; Tang, CJ; Tsai, IT; Sun, CK	吳賢財	Application of multiscale entropy in arterial waveform contour analysis in healthy and diabetic subjects	MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING	JAN	2015
5	Computer Science	Ren, CH; Jiang, SJF; Lin, CY; Chang, MK; Chen, MH	陳美娟	Inter-embedding error-resilient mechanism in scalable video coding	INFORMATION SCIENCES	10-Feb	2015

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6	Computer Science; Engineering; Operations Research & Management Science; Telecommunications	Woungan g, I; Tseng, FH; Lin, YH; Chou, LD; Chao, HC; Obaidat, MS	趙涵捷	MR-Chord: Improved Chord Lookup Performance in Structured Mobile P2P Networks	IEEE SYSTEMS JOURNAL	SEP	2015
7	Materials Science; Physics	Huang, CH; Chuang, WJ	黃家華*	Dependence of performance parameters of CdTe solar cells on semiconductor properties studied by using SCAPS-1D	VACUUM	AUG	2015
8	Computer Science; Engineering	Tseng, FH; Chen, XJ; Chou, LD; Chao, HC	趙涵捷*	Support vector machine approach for virtual machine migration in cloud data center	MULTIMEDIA TOOLS AND APPLICATIONS	MAY	2015
9	Computer Science; Engineering; Telecommunications	Chen, CY; Tseng, FH; Lai, CF; Chao, HC	趙涵捷*	Network planning for mobile multi-hop relay networks	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	MAY	2015
10	Computer Science; Engineering; Telecommunications	Yu, CM; Chen, CY; Chao, HC	趙涵捷	Proof of Ownership in Deduplicated Cloud Storage with Mobile Device Efficiency	IEEE NETWORK	MAR-APR	2015
11	Computer Science; Telecommunications	Huang, LF; Zhou, SL; Zhao, YF; Chao, HC	趙涵捷	A Study on the Distributed Antenna Based Heterogeneous Cognitive Wireless Network Synchronous MAC Protocol	MOBILE INFORMATION SYSTEMS		2015

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12	Computer Science	Chen, CY; Hsu, SW; Chao, HC	趙涵捷*	CogIMS: an active service-oriented cognitive networks over IP multimedia subsystems	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS	MAR	2015
13	Computer Science; Telecommunications	Tseng, FH; Chen, CY; Chou, LD;	趙涵捷*	Service-Oriented Virtual Machine Placement Optimization for Green Data Center	MOBILE NETWORKS & APPLICATIONS	OCT	2015
14	Computer Science; Engineering	Huang, CJ; Chang, SC; Guan, CT; Wang, YW; Chen, HM; Weng, CH;	黃振榮*	AN ADAPTIVE LIVE STREAMING MECHANISM FOR HETEROGENEOUS VEHICULAR NETWORKS	APPLIED ARTIFICIAL INTELLIGENCE	9-Aug	2015
15	Materials Science	Wu, HY; Lin, CC; Lin, CH	林群傑*. 林楚軒	Characteristics of graphene-oxide-based flexible and transparent resistive switching memory	CERAMICS INTERNATIONAL	NOV	2015
16	Engineering	Jian-Sheng Wu, Kuang-Han Tai, Gwo-Long Li, Mei-Juan Chen and Yung-Hsiang Tang	吳建昇. 戴光漢. 李國龍. 陳美娟. 湯詠翔	Effective Computation-Aware Algorithm by Inter-Layer Motion Analysis for Scalable Video Coding	Journal of Visual Communication and Image Representation	October	2015

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17	Computer Science; Telecom municatio ns	Zhijian Lin, Zhibin Gao, Lianfen Huang, Chi-Yuan Chen, Han-Chieh Chao	趙涵捷	Hybrid Architecture Performance Analysis for Device-to-Device Communication in 5G Cellular Network	Mobile Network and Applicatio ns	Jan	2015
18	Computer Science; Telecom municatio ns	Chia-Mu Yu, Chi-Yuan Chen, and Han-Chieh Chao	趙涵捷	Privacy-Preserving Multi-Keyword Similarity Search over Outsourced Cloud Data	IEEE Systems Journal	Mar	2015
19	Computer Science	Hsin-Hung Cho, Timothy K. Shih, and Han-Chieh Chao	趙涵捷	A Robust Coverage Scheme for UWSNs using Spline Function	IEEE Sensors Journal	May	2015
20	Computer Science	Huang, C.J., Guan, C.T., Chen, H.M., Wang, Y.W., Chien, S. Y., Jian, J.J., and Liao, J.J.	黃振榮	A Self-Adaptive Joint Bandwidth Allocation Scheme for Heterogeneous Wireless Networks	Applied Soft Computing	Dec.	2015

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21	Computer Science	Wu, JS; Tai, KH; Li, GL; Chen, MJ; Tang, YH	陳美娟*	Effective computation-aware algorithm by inter-layer motion analysis for scalable video coding	JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION	OCT	2015
22	Physics	Wu, HT; Jiang, YH; Liu, AB; Liu, CW; Ou, YN; Kuo, HC; Sun, GW	吳賢財	Multiscale Entropy Analysis of Surface Electromyographic Signals from the Urethral Sphincter as a Prognostic Indicator for Surgical Candidates with Primary Bladder Neck Obstruction	ENTROPY	DEC	2015
23	Engineering; Science & Technology - Other Topics; Physics	Liou, JJ; Lin, CC; Lin, CH	林群傑. 林楚軒	SPECIAL SECTION: INTERNATIONAL ELECTRON DEVICES AND MATERIALS SYMPOSIUM 2014	MICROELECTRONICS RELIABILITY	NOV	2015
24	Computer Science; Telecommunications	Lin, ZJ; Gao, ZB; Huang, LF; Chen, CY; Chao, HC	趙涵捷	Hybrid Architecture Performance Analysis for Device-to-Device Communication in 5G Cellular Network	MOBILE NETWORKS & APPLICATIONS	DEC	2015
25	Computer Science	Huang, CJ; Guan, CT; Chen, HM; Wang, YW; Chien, SY; Jian, JJ; Liao, H	黃振榮*	A self-adaptive joint bandwidth allocation scheme for heterogeneous wireless networks	APPLIED SOFTWARE COMPUTING	DEC	2015

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1	EQ 電信 (微波、通訊、網路、訊號處理)	Chia-Mu Yu, Chi-Yuan Chen, and Han-Chieh Chao,	趙涵捷	Privacy-Preserving Multikeyword Similarity Search Over Outsourced Cloud Data	IEEE Systems Journal	March	2015
2	EQ 電信 (微波、通訊、網路、訊號處理)	Hsin-Hung Cho, Timothy K. Shih, and Han-Chieh Chao	趙涵捷	A Robust Coverage Scheme for UWSNs Using the Spline Function	IEEE Sensors Journal	June	2015
3	EQ 電信 (微波、通訊、網路、訊號處理)	Tseng, Li-Der Chou, Han-Chieh Chao, and	趙涵捷	Ultra-Dense Small Cell Planning Using Cognitive Radio Network Towards 5G	IEEE Wireless Communications Magazine	December	2015