

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Computer Science	Huang, CJ; Chen, YJ; Chen, HM; Jian, JJ; Tseng, SC; Yang, YJ; Hsu, PA	黃振榮*	Intelligent feature extraction and classification of anuran vocalizations	APPLIED SOFT COMPUTING	JUN	2014
2	Computer Science	Huang, CJ; Wang, YW; Chen, HM; Tsai, HW; Jian, JJ; Cheng, ZH	黃振榮*	Application of cellular automata and type-2 fuzzy logic to dynamic vehicle path planning	APPLIED SOFT COMPUTING	JUN	2014
3	Automation & Control Systems; Computer Science	Zhao, CD; Huang, LF; Gao, ZL; Zhou, SL; Guo, D; Chao, HC	趙涵捷*	Performance Analysis of the Multiple Antenna Asynchronous Cognitive MAC Protocol in Cognitive Radio Network for IT Convergence	INTELLIGENT AUTOMATION AND SOFT COMPUTING	2-Jan	2014
4	Science & Technology - Other Topics; Materials Science	Liu, KM; Lee, CK	劉耿銘*	Investigation of the random dopant fluctuations in 20-nm bulk MOSFETs and silicon-on-insulator FinFETs by ion implantation Monte Carlo simulation	INTERNATIONAL JOURNAL OF NANOTECHNOLOGY		2014
5	Engineering; Optics	Chang, CJ; Yen, L; Datta, J; Lin, HP; Jeng, SS	鄭獻勳	A four-port 12-beam phased array antenna system	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	JUN	2014
6	Computer Science; Telecommunications	Chou, YH; Zeng, GJ; Lin, FJ; Chen, CY; Chen, HC	趙涵捷*	Quantum Secure Communication Network Protocol with Entangled Photons for Mobile Communications	MOBILE NETWORKS & APPLICATIONS	FEB	2014

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7	Computer Science	Han, GJ; Jiang, JF; Shu, L; Niu, JW; Chao, HC	趙涵捷	Management and applications of trust in Wireless Sensor Networks: A survey	JOURNAL OF COMPUTER AND SYSTEM SCIENCE	MAY	2014
8	Computer Science; Telecommunications	Chen, WM; Chiang, HH; Chang, KD; Chao, HC; Chen, H	Chiang, Hsin-Hung. 趙涵捷	Backup routing firewall mechanism in P2P environment	PEER-TO-PEER NETWORKING AND APPLICATIONS	MAR	2014
9	Engineering; Instruments & Instrumentation; Physics	Tseng, FH; Cho, HH; Chou, LD; Chao, HC	趙涵捷	Efficient Power Conservation Mechanism in Spline Function Defined WSN Terrain	IEEE SENSORS JOURNAL	MAR	2014
10	Engineering; Materials Science; Physics	Liu, KM; Lin, ZM; Wu, JP; Lin, HC; Huang, TY	劉耿銘*	Investigation of p-type junction-less independent double-gate poly-Si nano-strip transistors	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	JAN	2014
11	Computer Science; Education & Educational Research	Wu, HT; Hsu, PC; Lee, CY; Wang, HJ; Sun, CK	吳賢財	The impact of supplementary hands-on practice on learning in introductory computer science course for freshmen	COMPUTERS & EDUCATION	JAN	2014
12	Physics	Chang, YC; Wu, HT; Chen, HR; Liu, AB; Yeh, JJ; Lo, MT; Tsao, JH; Tang, CJ; Tsai, IT; Chen, CK	吳賢財	Application of a Modified Entropy Computational Method in Assessing the Complexity of Pulse Wave Velocity Signals in Healthy and Diabetic Subjects	ENTROPY	JUL	2014

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13	Chemistry ; Electrochemistry; Instruments & Instrumentation	Lien, SF; Wang, CC; Su, JP; Chen, HM; Wu, CH	蘇仲鵬*	Android Platform Based Smartphones for a Logistical Remote Association Repair Framework	SENSORS	JUL	2014
14	Mathematical & Computational Biology	Wu, HT; Chen, HR; Pan, WY; Liu, CC; Su, MC; Lin, MC	吳賢財	Effects of First-Time Overnight CPAP Therapy for Increasing the Complexity of the Patient's Physiological System	COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE		2014
15	Engineering	Jeng, SS; Lin, HC; Jhuang, WS; Lee, YC	鄭獻勳*	A novel low-spur DDFS utilizing the twice second-order high-pass error feedback architecture	INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS	JUN	2014
16	Computer Science; Telecommunications	Chen, D; Zhang, ZJ; Tseng, FH; Chao, HC; Chou, LD	趙涵捷	A Novel Method Defends against the Path-Based DoS for Wireless Sensor Network	INTERNATIONAL JOURNAL OF DISTRIBUTED SENSOR NETWORKS		2014
17	Physics	Lin, CC; Wu, HY; Lin, NC; Lin, CH	林群傑* 林楚軒	Graphene-oxide-based resistive switching device for flexible nonvolatile memory application	JAPANESE JOURNAL OF APPLIED PHYSICS	MAY	2014
18		Huang, XX; Chen, MJ; Yeh, CH; Chi, HW;	陳美娟	Efficient multi-view video coding using inter-view information	SIGNAL PROCESSING-IMAGE COMMUNICATION	JUL	2014

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19	Computer Science; Engineering; Operations Research & Management Science; Telecommunication	Yu, CM; Chen, CY; Kuo, SY; Chao, HC	趙涵捷	Privacy-Preserving Power Request in Smart Grid Networks	IEEE SYSTEMS JOURNAL	JUN	2014
20	Automation & Control Systems; Computer Science; Engineering	Yeh, CH; Li, MF; Chen, MJ; Chi, MC; Huang, XX; Chi, HW	陳美娟	Fast Mode Decision Algorithm Through Inter-View Rate-Distortion Prediction for Multiview Video Coding System	IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS	FEB	2014
21	Engineering; Materials Science; Physics	Liu, KM; Peng, FI; Peng, KP; Lin, HC; Huang, TY	劉耿銘*	The effects of channel doping concentration for n-type junction-less double-gate poly-Si nanostrip transistors	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	MAY	2014
22	Engineering; Imaging Science & Photographic Technology	Kuan, YK; Li, GL; Chen, MJ; Tai, KH; Huang, PC	陳美娟*	Error concealment algorithm using inter-view correlation for multi-view video	EURASIP JOURNAL ON IMAGE AND VIDEO PROCESSING	2-Aug	2014
23	Biochemistry & Molecular Biology; Science & Technology - Other Topics	Wang, G; Teng, D; Lai, YT; Lu, YW; Ho, Y; Lee, CY	何盈杰	Field-programmable lab-on-a-chip based on microelectrode dot array architecture	IET NANOBIO TECHNOLOGY	SEP	2014

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24	Engineering	wu, HT, Liu, CC; Huang, YC; Chen, HR; Hsu, CH; Tang, CJ; Lin, AD	吳賢財	Assess Spontaneous Baroreflex in Diabetic Subjects and Aged Persons Using Pressure Pulse Analysis	JOURNAL OF MEDICAL AND BIOLOGICAL ENGINEERING		2014
25	Engineering	Hsieh, YC; Lin, TD; Chen, RJ; Lin, HY	謝耀慶*	Electric circuit modelling for lithium-ion batteries by intermittent discharging	IET POWER ELECTRONICS	OCT	2014
26	Engineering; Physics	Lin, CC; Su, CT; Chang, CL; Wu, HY	林群傑*	Resistive Switching Behavior of Al/Al ₂ O ₃ /ZrO ₂ /Al Structural Device for Flexible Nonvolatile Memory Application	IEEE TRANSACTIONS ON MAGNETICS	JUL	2014
27	Computer Science	Li, KSM; Ho, YC; Yang, YW; Chen, LB	何盈杰	An Oscillation-Based On-Chip Temperature-Aware Dynamic Voltage and Frequency Scaling Scheme in System-on-a-Chip	IEEE TRANSACTIONS ON INFORMATION AND COMMUNICATION TECHNOLOGIES	SEP	2014
28	Computer Science	Chen, CY; Wu, TY; Lee, WT; Chao, HC; Chen, CY	Chen, Chi-Yuan*	QoS-based active dropping mechanism for NGN video streaming optimization	KNOWLEDGE ENGINEERING REVIEW	SEP	2014
29	Computer Science; Telecommunications	Chen, CY; Chao, HC	趙涵捷*	A survey of key distribution in wireless sensor networks	SECURITY AND COMMUNICATION NETWORKS	DEC	2014

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30	Physics	wen-Tzu Hsu, Zong-Sian Tsai, Liang-Chun Chen, Guan-Yu Chen, <u>Chun-Chieh Lin</u> , Mei-Hsin Chen, Jenn-Ming Song, Chu-H	林群傑. 陳美杏. 林楚軒*	Passivation ability of graphene oxide demonstrated by two-different-metal solar cells	Nanoscale Res. Lett.	Dec. 23	2014
31	Computer Science	Huang, C.J., Chen, H.M., Wang, Y.W., Chien, S.Y. and Li, C.Y.	黃振榮	An Intelligent Infrared LED Based Prosthesis Training System	Applied Artificial Intelligence	Sept.	2014