NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Computer Science	Chen, CY; Chou, YH; Chao, HC	趙涵捷*	Distributed quantum entanglement sharing model for high-performance real-time	SOFT COMPUTING	MAR	2012
2	Computer Science; Telecommunications	Chang, KD; Chen, CY; Hsu, SW; Chao, HC; Chen, JL	趙涵捷*	Advanced Path-Migration Mechanism for Enhancing Signaling Efficiency in IP Multimedia Subsystem	KSII TRANSACTIONS ON INTERNET AND INFORMATION SYSTEMS	30-Jan	2012
3	Optics	Dung, JC; Wu, BS; Jian, YR	董正成*	Dispersion-compensated Raman/erbium-doped fiber hybrid amplifier with all-optical gain-clamped for wavelength-division multiplexing systems	OPTICAL ENGINEERING	JAN	2012
4	Telecommunications	Jiang, CH; Weng, RM	翁若敏	Cognitive Engine with Dynamic Priority Resource Allocation for Wireless Networks	WIRELESS PERSONAL COMMUNICATIONS	MAR	2012
5	Automation & Control Systems; Computer Science	Huang, CJ; Chen, HM; Lin, CF; Liao, JJ; Hu, KW; Yang, DX; Chen, CH; Chuang, YT	黃振榮*	A SCALABLE ROUTING FOR DELAY-TOLERANT HETEROGENEOUS NETWORKS	INTERNATIONAL JOURNAL OF INNOVATIVE COMPUTING INFORMATION AND CONTROL	JAN	2012
6	Engineering; Instruments & Instrumentation	Wu, HT; Lee, CH; Sun, CK; Hsu, JT; Huang, RM; Tang, CJ	吳賢財	Arterial Waveforms Measured at the Wrist as Indicators of Diabetic Endothelial Dysfunction in the Elderly	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT	JAN	2012

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
7	Automation & Control Systems; Engineering; Instruments & Instrumentation	Lin, FJ; Chou, PH; Chen, CS; Lin, YS	Chou, Po-Huan	DSP-Based Cross-Coupled Synchronous Control for Dual Linear Motors via Intelligent Complementary Sliding Mode Control	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	FEB	2012
8	Engineering	Hsu, CL; Huang, YS; Lee, FC	許鈞瓏*	Interlaced switch boxes placement for three-dimensional FPGA architecture design	INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS	MAY	2012
9	Optics	Yeh, CH; Jiang, SJF; Chen, TC; Chen, MJ	陳美娟	Motion vector composition through Lagrangian optimization for arbitrary frame-size video transcoding	OPTICAL ENGINEERING	APR	2012
10	Cardiovascular System & Cardiology	Wu, HT; Hsu, PC; Liu, AB; Chen, ZL; Huang, RM; Chen, CP; Tang, CJ; Sun, CK	吳賢財	Six-channel ECG-based pulse wave velocity for assessing whole-body arterial stiffness	BLOOD PRESSURE	JUN	2012
11	Physics	Lin, ZM; Lin, HC; Liu, KM; Huang, TY	劉耿銘	Analytical Model of Subthreshold Current and Threshold Voltage for Fully Depleted Double-Gated Junctionless Transistors	JAPANESE JOURNAL OF APPLIED PHYSICS	FEB	2012
12	Automation & Control Systems; Computer Science	Huang, CJ; Hu, KW; Chen, HM; Chang, TK; Luo, YC; Lien, YJ	黃振榮*. 張道顧	APPLICATION OF TYPE-2 FUZZY LOGIC TO RULE-BASED INTRUSION ALERT CORRELATION DETECTION	INTERNATIONAL JOURNAL OF INNOVATIVE COMPUTING INFORMATION AND CONTROL	APR	2012

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
13	Science & Technology - Other Topics; Materials Science; Physics	Lin, CC; Chang, YP; Lin, HB; Lin, CH	林群傑*.林楚軒	Effect of non-lattice oxygen on ZrO2-based resistive switching memory	NANOSCALE RESEARCH LETTERS	14-Mar	2012
14	Computer Science; Engineering	Cheng, CH; Liu, Y; Hsu, CL	許鈞瓏	Design of an Error Detection and Data Recovery Architecture for Motion Estimation Testing Applications	IEEE TRANSACTIONS ON VERY LARGE SCALE INTEGRATION (VLSI) SYSTEMS	APR	2012
15	Urology & Nephrology	Wu, HT; Lee, CH; Chen, CJ; Sun, CK	吳賢財	Penile Arterial Waveform Analyzing System for Early Identification of Young Adults with High Risk of Erectile Dysfunction	JOURNAL OF SEXUAL MEDICINE	APR	2012
16	Computer Science	Hu, CC; Lai, CF; Huang, YM; Chao, HC	趙涵捷*	A two-tier framework for transmission-cost minimization of high-performance communication applications	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	25-Mar	2012
17	Engineering	Yeh, CH; Jiang, SJF; Ku, TF; Chen, MJ; Jhu, JA	陳美娟	Post-processing deblocking filter algorithm for various video decoders	IET IMAGE PROCESSING	JUL	2012
18	Computer Science; Engineering	Cheng, RS; Lin, CH; Chen, JL; Chao, HC	張瑞雄	Improving transmission quality of MPEG video stream by SCTP multi-streaming and differential RED mechanisms	JOURNAL OF SUPERCOMPUTING	OCT	2012
19	Science & Technology - Other Topics; Materials Science; Physics	Lin, CH; Yeh, WT; Chan, CH; Lin, CC	林楚軒*.林群傑	Influence of graphene oxide on metal-insulator-semiconductor tunneling diodes	NANOSCALE RESEARCH LETTERS	1-Aug	2012

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
20	Computer Science; Engineering	Chuang, YH; Chen, CY; Wu, TC; Chao, HC	趙涵捷	Establish a secure and trustworthy ICT environment for educational systems: a case study	JOURNAL OF INTELLIGENT MANUFACTURING	AUG	2012
21	Computer Science; Mathematics	Chen, JY; Pandurangan, G	陳震宇*	ALMOST-OPTIMAL GOSSIP-BASED AGGREGATE COMPUTATION	SIAM JOURNAL ON COMPUTING		2012
22	Computer Science; Engineering; Telecommunications	Chen, CY; Chou, YH; Chao, HC; Lo, CH	趙涵捷*	Secure centralized spectrum sensing for cognitive radio networks	WIRELESS NETWORKS	AUG	2012
23	Chemistry; Science & Technology - Other Topics; Materials Science; Physics	Lin, CC; Chang, YP	林群傑	Formation and Rupture of Ag Conductive Bridge in ZrO2-Based Resistive Switching Memory	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	MAR	2012
24	Computer Science; Engineering; Telecommunications	Huang, DC; Tseng, HC; Deng, DJ; Chao, HC	趙涵捷	A queue-based prolong lifetime methods for wireless sensor node	COMPUTER COMMUNICATIONS	15-May	2012
25	Computer Science; Engineering; Operations Research & Management Science; Telecommunications	Chang, JM; Chao, HC; Chen, JL; Lai, CF	Chang, Jian-Ming*,趙涵捷	An Efficient Service Discovery System for Dual-Stack Cloud File Service	IEEE SYSTEMS JOURNAL	DEC	2012
26	Engineering	Hsieh, YC; Wu, JL; Chen, XH	謝耀慶*	Class-E-based charge-equalisation circuit for battery cells	IET POWER ELECTRONICS		2012

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27	Engineering; Materials Science; Physics	Huang, CH; Cheng, HL; Chang, WE; Huang, MY; Chien, YL	黃家華*	Investigation of sputtered Mo layers on soda-lime glass substrates for CIGS solar cells	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	NOV	2012
28	Automation & Control Systems; Engineering; Instruments & Instrumentation	Chou, YH; Chen, CY; Chiu, CH; Chao, HC	趙涵捷	Classical and quantum-inspired electromagnetism-like mechanism and its applications	IET CONTROL THEORY AND APPLICATIONS	JUL	2012
29	Computer Science; Engineering; Telecommunications	Wu, TY; Chen, CY; Kuo, LS; Lee, WT; Chao, HC	趙涵捷	Cloud-based image processing system with priority-based data distribution mechanism	COMPUTER COMMUNICATIONS	1-Sep	2012