

NO	Subject Category	Author	作者	Title	Publication Name	Date Published
1	Automation & Control Systems; Computer Science, Artificial Intelligence; Computer Science, Cybernetics	Hsieh, ST; Sun, TY; Liu, CC; Tsai, SJ	孫宗瀛	Efficient Population Utilization Strategy for Particle Swarm Optimizer	IEEE TRANSACTIONS ON SYSTEMS MAN AND CYBERNETICS PART B-CYBERNETICS	APR,2009
2	Automation & Control Systems; Engineering, Electrical & Electronic; Instruments & Instrumentation	Chiang, SJ; Shieh, HJ; Chen, MC	謝欣然*	Modeling and Control of PV Charger System With SEPIC Converter	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	NOV,2009
3	Automation & Control Systems; Engineering, Electrical & Electronic; Instruments & Instrumentation	Lin, FJ; Teng, LT; Lin, JW; Chen, SY	林法正*	Recurrent Functional-Link-Based Fuzzy-Neural-Network-Controlled Induction-Generator System Using Improved Particle Swarm Optimization	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	MAY,2009
4	Automation & Control Systems; Engineering, Electrical & Electronic; Instruments & Instrumentation	Lin, FJ; Chou, PH	林法正*	Adaptive Control of Two-Axis Motion Control System Using Interval Type-2 Fuzzy Neural Network	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	JAN,2009
5	Computer Science, Artificial Intelligence; Engineering, Electrical & Electronic; Operations Research & Management Science	Hsieh, ST; Sun, TY; Liu, CC	孫宗瀛*	Potential offspring production strategies: An improved genetic algorithm for global numerical optimization	EXPERT SYSTEMS WITH APPLICATIONS	OCT,2009
6	Computer Science, Artificial Intelligence; Engineering, Electrical & Electronic; Operations Research & Management Science	Sun, TY; Liu, CC; Tsai, SJ; Hsieh, ST	孫宗瀛*	Blind source separation with dynamic source number using adaptive neural algorithm	EXPERT SYSTEMS WITH APPLICATIONS	JUL,2009

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7	Computer Science, Hardware & Architecture; Computer Science, Information Systems; Computer Science, Software Engineering	Lai, CF; Huang, HC; Huang, YM; Chao, HC	趙涵捷	Design and Implementation of the DLNA Family Intercom System for Smart Homes	COMPUTER JOURNAL	NOV,2009
8	Computer Science, Information Systems; Engineering, Electrical & Electronic	Lee, WL; Yang, CC; Wu, HT; Chen, MJ	陳美娟, 吳賢財	Wavelet-based Interpolation Scheme for Resolution Enhancement of Medical Images	JOURNAL OF SIGNAL PROCESSING SYSTEMS FOR SIGNAL IMAGE AND VIDEO TECHNOLOGY	APR,2009
9	Computer Science, Information Systems; Engineering, Electrical & Electronic; Telecommunications	Guan, JF; Luo, HB; Zhang, HK; Chao, HC; Park, JH	趙涵捷	Design and implementation of light-weight mobile multicast for fast MIPv6	COMPUTER COMMUNICATIONS	25-Feb,2009
10	Computer Science, Information Systems; Telecommunications	Zhang, Y; Huang, HK; Yang, D; Zhang, HK; Chao, HC; Huang, YM	趙涵捷*	Bring QoS to P2P-based semantic service discovery for the Universal Network	PERSONAL AND UBIQUITOUS COMPUTING	OCT,2009
11	Computer Science, Software Engineering; Computer Science, Theory & Methods	Chu, HC; Deng, DJ; Chao, HC; Huang, YM	趙涵捷	Next Generation of Terrorism: Ubiquitous Cyber Terrorism with the Accumulation of all Intangible Fears	JOURNAL OF UNIVERSAL COMPUTER SCIENCE	2009
12	Energy & Fuels; Engineering, Chemical	Ng, KS; Moo, CS; Chen, YP; Hsieh, YC	謝耀慶	Enhanced coulomb counting method for estimating state-of-charge and state-of-health of lithium-ion batteries	APPLIED ENERGY	SEP,2009
13	Engineering, Electrical & Electronic	Kuo, YF; Weng, RM	翁若敏	5 GHz low power frequency synthesiser with dual-modulus counter	IET CIRCUITS DEVICES & SYSTEMS	DEC,2009
14	Engineering, Electrical & Electronic	Hsu, CL; Cheng, CH	許鈞瓏*	Reduction of discrete cosine transform/quantisation/inverse quantisation/inverse discrete cosine transform computational complexity in H.264 video encoding by using an efficient prediction algorithm	IET IMAGE PROCESSING	AUG,2009

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15	Engineering, Electrical & Electronic	Yen, HC; Huang, ZJ; Hsieh, YC; Cheng, HL	謝耀慶	Balanced Driving System for Multiple Cold-Cathode Fluorescent Lamps	IEEE TRANSACTIONS ON POWER ELECTRONICS	AUG,2009
16	Engineering, Electrical & Electronic	Chi, MC; Yeh, CH; Chen, MJ	陳美娟	Robust Region-of-Interest Determination Based on User Attention Model Through Visual Rhythm Analysis	IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY	JUL,2009
17	Engineering, Electrical & Electronic	Hsieh, YC; Hsueh, TC; Yen, HC	謝耀慶*	An Interleaved Boost Converter With Zero-Voltage Transition	IEEE TRANSACTIONS ON POWER ELECTRONICS	MAR-APR, 2009
18	Engineering, Electrical & Electronic; Instruments & Instrumentation	Hsu, CL; Ho, MH; Lin, CF	許鈞瓏*	Novel Built-In Current-Sensor-Based I-DDQ Testing Scheme for CMOS Integrated Circuits	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT	JUL,2009
19	Engineering, Electrical & Electronic; Instruments & Instrumentation	Hsu, CL; Chen, TH	許鈞瓏*	Built-in Self-Test Design for Fault Detection and Fault Diagnosis in SRAM-Based FPGA	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT	JUL,2009
20	Engineering, Electrical & Electronic; Instruments & Instrumentation	Hsu, CL; Lai, YT	許鈞瓏*	Low-Cost CP-PLL DFT Structure Implementation for Digital Testing Application	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT	JUN,2009
21	Engineering, Electrical & Electronic; Optics	Peng, PC; Lin, G; Kuo, HC; Yeh, CE; Liu, JN; Lin, CT; Chen, J; Chi, S; Chi, JY; Wang, SC	祁錦雲	Dynamic Characteristics and Linewidth Enhancement Factor of Quantum-Dot Vertical-Cavity Surface-Emitting Lasers	IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS	MAY-JUN, 2009
22	Engineering, Electrical & Electronic; Optics	Hsiao, PY; Weng, RM	翁若敏	A COMPACT ULTRA-WIDEBAND BANDPASS FILTER WITH WLAN NOTCH BAND	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	FEB,2009
23	Engineering, Electrical & Electronic; Physics, Applied	Lin, FJ; Chen, SY; Teng, LT; Chu, H	林法正*	Recurrent Functional-Link-Based Fuzzy Neural Network Controller With Improved Particle Swarm Optimization for a Linear Synchronous Motor Drive	IEEE TRANSACTIONS ON MAGNETICS	AUG,2009
24	Engineering, Electrical & Electronic; Physics, Applied; Physics, Mathematical	Weng, RM; Hsiao, PY	翁若敏*	DOUBLE-LAYERED QUAD-BAND BANDPASS FILTER FOR MULTI-BAND WIRELESS SYSTEMS	JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS	2009

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25	Engineering, Electrical & Electronic; Physics, Applied; Physics, Mathematical	Wei, HC; Weng, RM; Li, SY	翁若敏	A BROADBAND HIGH LINEARITY AND ISOLATION DOWN-CONVERSION MIXER FOR WIMAX APPLICATIONS	JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS	2009
26	Engineering, Electrical & Electronic; Telecommunications	Hsu, CT; Yeh, CH; Chen, CY; Chen, MJ	陳美娟	Arbitrary Frame Rate Transcoding Through Temporal and Spatial Complexity	IEEE TRANSACTIONS ON BROADCASTING	DEC,2009
27	Engineering, Electrical & Electronic; Telecommunications	Yang, D; Zhang, YX; Zhang, HK; Wu, TY; Chao, HC	趙涵捷*	Multi-factors oriented study of P2P Churn	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	SEP,2009
28	Engineering, Multidisciplinary	Ng, KS; Moo, CS; Lin, YC; Hsieh, YC	謝耀慶	INVESTIGATION ON INTERMITTENT DISCHARGING FOR LEAD-ACID BATTERIES	JOURNAL OF THE CHINESE INSTITUTE OF ENGINEERS	2009
29	Materials Science, Multidisciplinary; Materials Science, Coatings & Films; Physics, Applied; Physics, Condensed Matter	Yang, HY; Lee, MF; Huang, CH; Lo, YS; Chen, YJ; Wong, MS	翁明壽*, 陳怡嘉, 羅幼旭, 黃家華	Glancing angle deposited titania films for dye-sensitized solar cells	THIN SOLID FILMS	31-Dec,2009
30	Materials Science, Multidisciplinary; Physics, Condensed Matter	Lin, MH; Wu, MC; Lin, CC; Tseng, TY	林群傑	Nonpolar Bistable Resistive Switching Behaviors of Bismuth Titanate Oxide Thin Film	FERROELECTRICS	2009
31	Telecommunications	Chen, WM; Chen, W; Chao, HC	趙涵捷*	An efficient mobile IPv6 handover scheme	TELECOMMUNICATIONS SYSTEMS	DEC,2009
32	Telecommunications	Lai, CF; Fan, JJ; Chao, HC; Huang, YM	趙涵捷	Supporting Adaptive Context-Aware Services and Novel Handover Scheme for Smart Ubiquitous Communication System	WIRELESS PERSONAL COMMUNICATIONS	OCT,2009
33	Telecommunications	Li, CS; Lin, F; Chao, HC	趙涵捷	Routing optimization over network mobility with distributed home agents as the cross layer consideration	TELECOMMUNICATIONS SYSTEMS	OCT,2009
34	Computer Science, Information Systems; Telecommunications	Chang, JM; Hsu, CC; Chao, HC; Chen, JL	趙涵捷, 陳俊良	Using A(star) Algorithm to Avoid Dead End problem for Geographic Forwarding	JOURNAL OF INTERNET TECHNOLOGY	AUG,2009

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35	Computer Science, Information Systems; Computer Science, Theory & Methods	Chen, W; Kuo, SY; Chao, HC	趙涵捷	Service integration with UPnP agent for an ubiquitous home environment	INFORMATION SYSTEMS FRONTIERS	NOV,2009