

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

NO	Subject Category	Author	作者	Title	Publication Name	Date Published
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

NO	Subject Category	Author	作者	Title	Publication Name	Date Published
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

NO	Subject Category	Author	作者	Title	Publication Name	Date Published
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 ON 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 ON 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

NO	Subject Category	Author	作者	Title	Publication Name	Date Published
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