

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Chemistry, Analytical; Engineering, Electrical & Electronic; Instruments & Instrumentation	Huang, SY; Chen, SS; Chen, MX; Chang, YC; Chao, HC	趙涵捷*.陳旻秀	The Efficient Mobile Management Based on Metaheuristic Algorithm for Internet of Vehicle	SENSORS	FEB	2022
2	Computer Science, Artificial Intelligence; Engineering, Electrical & Electronic; Imaging Science & Photographic Technology	Lin, JR; Chen, MJ; Yeh, CH; Lin, SD; Sue, KL; Kau, LJ; Ciou, YS	陳美娟.林信鋒	Vision-oriented algorithm for fast decision in 3D video coding	IET IMAGE PROCESSING	APR 2	2022
3	Computer Science, Information Systems; Computer Science, Software Engineering; Telecommunications	Lin, JR; Chen, MJ; Yeh, CH; Chen, YC; Kau, LJ; Chang, CY; Lin, MH	陳美娟	Visual Perception Based Algorithm for Fast Depth Intra Coding of 3D-HEVC	IEEE TRANSACTIONS ON MULTIMEDIA		2022
4	Computer Science, Information Systems; Engineering, Electrical & Electronic; Telecommunications	Das, AK; Bera, B; Saha, S; Kumar, N; You, I; Chao, HC	趙涵捷*	AI-Envisioned Blockchain-Enabled Signature-Based Key Management Scheme for Industrial Cyber- Physical Systems	IEEE INTERNET OF THINGS JOURNAL	MAY 1	2022

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5	Computer Science, Information Systems; Engineering, Electrical & Electronic; Telecommunications	Chen, MJ; Lee, CA; Tsai, YH; Yang, CM; Yeh, CH; Kau, LJ; Chang, CY	陳美娟	Efficient Partition Decision Based on Visual Perception and Machine Learning for H.266/Versatile Video Coding	IEEE ACCESS		2022
6	Astronomy & Astrophysics; Physics, Nuclear; Physics, Particles & Fields; Physics, Mathematical	Tsai, CW; Lin, J; Chao, HC; Yang, CW	趙涵捷	Cryptanalysis and improvement on two party quantum private comparison based on seven-qubit and eight-qubit states	MODERN PHYSICS LETTERS A	JUN 21	2022
7	Computer Science, Information Systems; Engineering, Electrical & Electronic; Physics, Applied	Huang, CJ; Hu, KW; Hsieh, CY	黃振榮*	Congestion-Aware Rideshare Dispatch for Shared Autonomous Electric Vehicle Fleets	ELECTRONICS	AUG	2022
8	Engineering, Electrical & Electronic	Huang, CH; Tan, SW; Lo, H; Lo, C; Lour, WS	黃家華	Heterojunction bipolar transistors with a planar-type extended base as a hydrogen-sensitive sensor	ELECTRONICS LETTERS	SEP 21	2022
9	Computer Science, Information Systems; Telecommunications	Zhao, CQ; Liao, LX; Chao, HC; Lai, RX; Zhang, M	趙涵捷	Flow Entry Timeouts Optimization over Software Defined Networks Supporting Elephant Flow Classification	JOURNAL OF INTERNET TECHNOLOGY		2022
10	Engineering, Electrical & Electronic; Instruments & Instrumentation; Physics, Applied	Chen, MY; Wei, W; Chao, HC; Li, YF	趙涵捷*	Robotic Musicianship Based on Least Squares and Sequence Generative Adversarial Networks	IEEE SENSORS JOURNAL	SEP 15	2022

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11	Chemistry, Physical; Electrochemistry; Energy & Fuels	Huang, CH; Tan, SW; Lo, H; Lo, C; Lour, WS	黃家華	Temperature dependence of sensing properties of hydrogen-sensitive extended-base heterojunction transistors	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	NOV 29	2022
12	Computer Science, Information Systems	Chu, HC; Chang, CY; Chao, HC	趙涵捷*	Mapping Deep Learning Technologies for Mobile Networks with the Internet of Things	HUMAN-CENTRIC COMPUTING AND INFORMATION SCIENCES	DEC 30	2022
13	Engineering, Electrical & Electronic; Physics, Applied	Liu, KM; Hsieh, YE	劉耿銘*	The effects of source doping concentration and doping gradient on the ON-state current of Si nanowire TFETs	JOURNAL OF COMPUTATIONAL ELECTRONICS	DEC 20	2022
14	Engineering, Electrical & Electronic; Instruments & Instrumentation	Huang, CH; Tan, SW; Lo, H; Lo, CH; Chen, CW; Lour, WS	黃家華	High-sensitivity position-sensitive detectors to low-power light spots	SENSORS AND ACTUATORS A-PHYSICAL	NOV 1	2022