

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	Psychology, Multidisciplinary	Chen, SY; Lin, PH; Chien, WC	簡暉哲	Children's Digital Art Ability Training System Based on AI-Assisted Learning: A Case Study of Drawing Color Perception	FRONTIERS IN PSYCHOLOGY	MAR 21	2022
3	Integrative & Complementary Medicine	Yang, CC; Yen, SJ; Chiu, XD; Wu, KC; Ye, SC; Su, SH; Huang, HY	顏士淨*	Decision Tree-Based Body Constitution Diagnosis System for Traditional Chinese Medicine	EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	MAR 7	2022
4	Computer Science, Hardware & Architecture; Computer Science, Software Engineering	Chien, WC; Hassan, MM; Alsanad, A; Fortino, G	簡瑋哲*	UAV-Assisted Joint Wireless Power Transfer and Data Collection Mechanism for Sustainable Precision Agriculture in 5G	IEEE MICRO	JAN 1	2022
5	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

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6	Computer Science, Information Systems; Computer Science, Software Engineering	Yang, CN; Wu, XT; Chung, MJ; Zhang, XL	Chung, Min-Jung	AMBTC-based secret image sharing by simple modular arithmetic	JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION	APR	2022
7	Engineering, Electrical & Electronic	Xiong, LZ; Han, X; Yang, CN; Shi, YQ	楊慶隆*	Robust Reversible Watermarking in Encrypted Image With Secure Multi-Party Based on Lightweight Cryptography	IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY	JAN	2022
8	Computer Science, Information Systems; Computer Science, Software Engineering; Computer Science, Theory & Methods; Engineering, Electrical & Electronic	Guo, JF; Huang, LF; Chien, WC	簡暉哲	Multi-viewport based 3D convolutional neural network for 360-degree video quality assessment	MULTIMEDIA TOOLS AND APPLICATIONS	MAR 3	2022
9	Engineering, Multidisciplinary; Mathematics, Interdisciplinary Applications	Liu, Q; Liu, XD; Grosu, R; Yang, CN	楊慶隆	Introduction to the Special Issue on Intelligent Models for Security and Resilience in Cyber Physical Systems	CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES		2022
10	Computer Science, Information Systems; Telecommunications	Wang, ZQ; Liao, LZ; Meng, RH; Yang, CN; Zhou, ZL; Yang, HF	楊慶隆	Verification Grid and Map Slipping Based Graphical Password against Shoulder-Surfing Attacks	SECURITY AND COMMUNICATION NETWORKS	APR 28	2022

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11	Green & Sustainable Science & Technology; Environmental Sciences; Environmental Studies	Liu, YN; Wu, HH	Liu, YN*	An Inner Dependence Analysis Dynamic Decision-Making Framework	SUSTAINABILITY	MAY	2022
12	Psychology, Multidisciplinary	Chen, SY; Chien, WC	簡瑋哲*	Immersive Virtual Reality Serious Games With DL-Assisted Learning in High-Rise Fire Evacuation on Fire Safety Training and Research	FRONTIERS IN PSYCHOLOGY	MAY 23	2022
13	Computer Science, Information Systems; Engineering, Electrical & Electronic; Telecommunications	Kavak, S; Chiu, XD; Yen, SJ; Chen, MYC	顏士淨*	Application of CNN for Detection and Localization of STEMI Using 12-Lead ECG Images	IEEE ACCESS	APR 8	2022
14	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
15	Computer Science, Artificial Intelligence	Shen, YC; Shih, FY; Zhong, X; Chang, IC	張意政	Deep Morphological Neural Networks	INTERNATIONAL JOURNAL OF PATTERN RECOGNITION AND ARTIFICIAL INTELLIGENCE	AUG 26	2022

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16	Computer Science, Artificial Intelligence	Yang, YN; Shih, FY; Chang, IC	張意政	Adaptive Image Reconstruction for Defense Against Adversarial Attacks	INTERNATIONAL JOURNAL OF PATTERN RECOGNITION AND ARTIFICIAL INTELLIGENCE	AUG 26	2022
17	Developmental Biology; Genetics & Heredity	Sun, YY; Yang, CN; Yan, XH; Lu, YL; Sun, L	楊慶隆	Robust secret image sharing scheme resistance to maliciously tampered shadows by AMBTC and quantization	GENE EXPRESSION PATTERNS	SEP	2022
18	Chemistry, Analytical; Engineering, Electrical & Electronic; Instruments & Instrumentation	Majil, I; Yang, MT; Yang, S	楊茂村*	Augmented Reality Based Interactive Cooking Guide	SENSORS	NOV	2022