資訊工程學系(Department of Computer Science and Information Engineering)

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Engineering	Wu, XT; Yang, CN; Li, JM	楊慶隆*	Secure image secret sharing over distributed cloud network	SIGNAL PROCESSING	JAN	2021
2	Engineering, Electrical & Electronic	Yang, CN; Yang, YY	楊慶隆*	On the Analysis and Design of Visual Cryptography With Error Correcting Capability	IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY	JUN	2021
3	Computer Science, Information Systems	Lin, CN; Letouzey, F; Teytaud, O; Yen, SJ	顏士淨	Seed Optimization Framework on Draughts	JOURNAL OF INFORMATION SCIENCE AND ENGINEERING	MAR	2021
4	Chemistry, Multidisciplinary; Engineering, Multidisciplinary; Materials Science, Multidisciplinary; Physics, Applied	Kim, C; Yang, CN	楊慶隆*	Self-Embedding Fragile Watermarking Scheme to Detect Image Tampering Using AMBTC and OPAP Approaches	APPLIED SCIENCES-BASEL	FEB	2021
5	Computer Science, Information Systems; Telecommunications	Chen, CY; Cho, HH; Tsai, MY; Hann, ASH; Chao, HC	趙涵捷	Detecting LDoS in NB-IoTs by using metaheuristic-based CNN	INTERNATIONAL JOURNAL OF AD HOC AND UBIQUITOUS COMPUTING		2021
6	Computer Science, Theory & Methods; Engineering, Electrical & Electronic	Xiong, LZ; Zhong, XW; Yang, CN; Han, X	楊慶隆*	Transform Domain-Based Invertible and Lossless Secret Image Sharing With Authentication	IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY		2021

資料統計期間(Survey Period):2021.1.1~2021.12.31

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7	Computer Science, Hardware & Architecture; Computer Science, Information Systems; Computer Science, Software Engineering; Computer Science, Theory & Methods	Zhao, SL; Hao, RX; Peng, SL	彭勝龍	Reliability Assessment of Some Regular Networks	COMPUTER JOURNAL	JAN	2021
8	Computer Science, Hardware & Architecture; Computer Science, Theory & Methods; Engineering, Electrical & Electronic	Chien, WC; Huang, YM	簡暐哲	A lightweight model with spatial-temporal correlation for cellular traffic prediction in Internet of Things	JOURNAL OF SUPERCOMPUTING	FEB	2021
9	Computer Science, Information Systems; Telecommunications	Zhang, JJ; Zhang, C; Chien, WC	簡暐哲	Overview of Deep Reinforcement Learning Improvements and Applications	JOURNAL OF INTERNET TECHNOLOGY		2021
10	Computer Science, Information Systems; Telecommunications	Astillo, PV; Jeong, J; Chien, WC; Kim, B; Jang, J; You, I	簡暐哲	SMDAps: A Specification-based Misbehavior Detection System for Implantable Devices in Artificial Pancreas System	JOURNAL OF INTERNET TECHNOLOGY		2021
11	Engineering, Electrical & Electronic	Xiong, LZ; Han, X; Yang, CN	楊慶隆*	CP-PSIS: CRT and polynomial-based progressive secret image sharing	SIGNAL PROCESSING	AUG	2021

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12	Chemistry, Multidisciplinary; Engineering, Multidisciplinary; Materials Science, Multidisciplinary; Physics, Applied	Kim, C; Shin, D; Yang, CN; Leng, L	楊慶隆	Data Hiding Method for Color AMBTC Compressed Images Using Color Difference	APPLIED SCIENCES-BASEL	APR	2021
13	Geochemistry & Geophysics; Remote Sensing; Imaging Science & Photographic Technology	Mohammed, S; Tai-hoon, K; Ghamisi, P; Chang, RS	張瑞雄	A Special Issue on Recent Progress in Developing Artificial Intelligence and Machine Learning Methodologies	IEEE GEOSCIENCE AND REMOTE SENSING MAGAZINE	JUN	2021
14	Computer Science, Artificial Intelligence; Computer Science, Interdisciplinary Applications	Huang, Chenn-Jung; Hu, Kai-Wen; Ho, Hsing Yi; Xie, Bing Zhen; Feng, Chien-Chih; Chuang, Hung-Wen	黃振榮*	A Distributed Urban Traffic Congestion Prevention Mechanism for Mixed Flow of Human-Driven and Autonomous Electric Vehicles	INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS		2021
15	Imaging Science & Photographic Technology	Lin, Shinfeng D.; Chang, Tingyu; Chen, Wensheng	林信鋒*	Multiple Object Tracking using YOLO-based Detector	JOURNAL OF IMAGING SCIENCE AND TECHNOLOGY	JUL	2021

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16	Computer Science, Information Systems; Telecommunications	Bai, Zongwen; Chen, Xiaohuan; Zhou, Meili; Yi, Tingting; Chien, Wei-Che	簡暐哲	Low-rank Multimodal Fusion Algorithm Based on Context Modeling	JOURNAL OF INTERNET TECHNOLOGY		2021
17	Engineering, Civil; Engineering, Electrical & Electronic; Transportation Science & Technology	Liu, Yanxiao; Yang, Chingnung; Sun, Qindong	楊慶隆	Thresholds Based Image Extraction Schemes in Big Data Environment in Intelligent Traffic Management	IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS	JUL	2021
18	Computer Science, Information Systems	Yang, Ching-Nung; Wu, Xiaotian; Lin, Hsuan-Yu; Kim, Cheonshik	楊慶隆	Intragroup and intergroup secret image sharing based on homomorphic Lagrange interpolation	JOURNAL OF INFORMATION SECURITY AND APPLICATIONS	SEP	2021
19	Engineering, Electrical & Electronic	Yan, Xuehu; Lu, Yuliang; Yang, Ching-Nung; Zhang, Xinpeng; Wang, Shudong	楊慶隆	A Common Method of Share Authentication in Image Secret Sharing	IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY	JUL	2021

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20	Computer Science, Artificial Intelligence	Zhou, Zhili; Pan, Wenyan; Wu, Q. M. Jonathan; Yang, Ching-Nung; Lv, Zhihan	楊慶隆	Geometric rectification-based neural network architecture for image manipulation detection	INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS		2021
21	Computer Science, Theory & Methods	Zhou, Zhili; Wang, Meimin; Yang, Ching-Nung; Fu, Zhangjie; Sun, Xingming; Wu, Q. M. Jonathan	楊慶隆	Blockchain-based decentralized reputation system in E-commerce environment	FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE	NOV	2021
22	Biochemical Research Methods; Biotechnology & Applied Microbiology; Mathematical & Computational Biology	Lin, SFD; Chen, LM; Chen, WS	林信鋒*	Thermal face recognition under different conditions	BMC BIOINFORMATICS	NOV 8	2021
23	Automation & Control Systems; Computer Science, Artificial Intelligence; Computer Science, Information Systems	Huang, CJ; Hu, KW; Ho, HY; Chuang, HW	黃振榮*	A Congestion-Preventing Routing and Charging Scheduling Mechanism for Electric Vehicles in Dense Urban Areas	INFORMATION TECHNOLOGY AND CONTROL		2021

資料統計期間(Survey Period):2021.1.1~2021.12.31

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NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
24	Computer Science, Information Systems	Yang, CN; Tsai, PY; Liu, YX	楊慶隆*	A (k, n) secret document sharing with meaningful shares	JOURNAL OF INFORMATION SECURITY AND APPLICATIONS	NOV	2021
25	Computer Science, Information Systems; Telecommunications	Hwang, GH; Chang, TK; Chiang, HW	張道顧*	A Semidecentralized PKI System Based on Public Blockchains with Automatic Indemnification Mechanism	SECURITY AND COMMUNICATION NETWORKS	OCT 31	2021
26	Computer Science, Information Systems	Yang, CN; Kao, CL; Wang, CJ	楊慶隆	Two-dimensional diagonal layer hash chain based key pre-distribution scheme	JOURNAL OF INFORMATION SECURITY AND APPLICATIONS	DEC	2021
27	Computer Science, Information Systems	Yang, CN; Wu, XT; Lin, HY; Kim, C	楊慶隆	Intragroup and intergroup secret image sharing based on homomorphic Lagrange interpolation	JOURNAL OF INFORMATION SECURITY AND APPLICATIONS	SEP	2021
28	Health Care Sciences & Services; Engineering, Biomedical	Balamurugan, S; Muthu, B; Peng, SL; Abd Wahab, MH	彭勝龍	Frontiers in Telemedicine and Internet of Things in Health Monitoring	TECHNOLOGY AND HEALTH CARE		2021
29	Computer Science, Hardware & Architecture; Computer Science, Interdisciplinary Applications; Engineering, Electrical & Electronic	Sharma, R; Gupta, D; Polkowski, Z; Peng, SL	彭勝龍	Introduction to the special section on big data analytics and deep learning approaches for 5G and 6G communication networks (VSI-5g6g)	COMPUTERS & ELECTRICAL ENGINEERING	OCT	2021

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30	Chemistry, Multidisciplinary; Engineering, Multidisciplinary; Materials Science, Multidisciplinary; Physics, Applied	Kim, C; Yang, CN; Baek, J; Leng, L	楊慶隆	Survey on Data Hiding Based on Block Truncation Coding	APPLIED SCIENCES-BASEL	OCT	2021
31	Engineering, Industrial; Engineering, Manufacturing	Kao, HY; Lan, ZH; Huang, CH; Huang, CH	高韓英*	A TWO-STAGE BI-LEVEL DECISION APPROACH FOR GREEN SUPPLY CHAIN DESIGN AND CLOUD VIRTUAL MACHINE PLACEMENT	INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE		2021
32	Computer Science, Information Systems; Telecommunications	Huang, ZC; Sun, YX; Ye, YM; Gan, WS; Chien, WC	簡暐哲	INAMA: An Interactive Attentional Model for Node Alignment	JOURNAL OF INTERNET TECHNOLOGY		2021