

Zhi-Han Lv

List of Publications by Year in descending order

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Version: 2024-02-01

381
papers

14,659
citations

15504

65
h-index

32842

100
g-index

396
all docs

396
docs citations

396
times ranked

9312
citing authors

#	ARTICLE	IF	CITATIONS
1	QoE-Aware Efficient Content Distribution Scheme For Satellite-Terrestrial Networks. IEEE Transactions on Mobile Computing, 2023, 22, 443-458.	5.8	74
2	Dual-Channel Neural Network for Atrial Fibrillation Detection From a Single Lead ECG Wave. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 2296-2305.	6.3	13
3	Cardiac LGE MRI Segmentation With Cross-Modality Image Augmentation and Improved U-Net. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 588-597.	6.3	2
4	A Pseudo-Siamese Feature Fusion Generative Adversarial Network for Synthesizing High-Quality Fetal Four-Chamber Views. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 1193-1204.	6.3	9
5	Safety Poka Yoke in Zero-Defect Manufacturing Based on Digital Twins. IEEE Transactions on Industrial Informatics, 2023, 19, 1176-1184.	11.3	42
6	Ensemble Learning-Based Atrial Fibrillation Detection From Single Lead ECG Wave for Wireless Body Sensor Network. IEEE Transactions on Network Science and Engineering, 2023, 10, 2627-2636.	6.4	3
7	FMCPNN in Digital Twins Smart Healthcare. IEEE Consumer Electronics Magazine, 2023, 12, 66-73.	2.3	1
8	Wi-Breath: A WiFi-Based Contactless and Real-Time Respiration Monitoring Scheme for Remote Healthcare. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 2276-2285.	6.3	5
9	MSHGANMDA: Meta-Subgraphs Heterogeneous Graph Attention Network for miRNA-Disease Association Prediction. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 4639-4648.	6.3	5
10	Energy-efficient task allocation for reliable parallel computation of cluster-based wireless sensor network in edge computing. Digital Communications and Networks, 2023, 9, 473-482.	5.0	13
11	Toward Architectural and Protocol-Level Foundation for End-to-End Trustworthiness in Cloud/Fog Computing. IEEE Transactions on Big Data, 2022, 8, 35-47.	6.1	16
12	Real-Time Intelligent Automatic Transportation Safety Based on Big Data Management. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9702-9711.	8.0	8
13	Prediction of Ocean Wave Height Suitable for Ship Autopilot. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 25557-25566.	8.0	28
14	Blockchain in Big Data Security for Intelligent Transportation With 6G. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9736-9746.	8.0	22
15	FLDS: An Intelligent Feature Learning Detection System for Visualizing Medical Images Supporting Fetal Four-Chamber Views. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 4814-4825.	6.3	14
16	3DMol-Net: Learn 3D Molecular Representation Using Adaptive Graph Convolutional Network Based on Rotation Invariance. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 5044-5054.	6.3	12
17	AI-Assisted Energy-Efficient and Intelligent Routing for Reconfigurable Wireless Networks. IEEE Transactions on Network Science and Engineering, 2022, 9, 78-88.	6.4	21
18	Edge-Cloud Resource Scheduling in Space-Air-Ground-Integrated Networks for Internet of Vehicles. IEEE Internet of Things Journal, 2022, 9, 5765-5772.	8.7	92

#	ARTICLE	IF	CITATIONS
19	Can blockchain link the future?. Digital Communications and Networks, 2022, 8, 687-694.	5.0	20
20	A real-time and high-precision method for small traffic-signs recognition. Neural Computing and Applications, 2022, 34, 2233-2245.	5.6	34
21	Deep learning for autonomous vehicle and pedestrian interaction safety. Safety Science, 2022, 145, 105479.	4.9	25
22	Unmanned Aircraft System Airspace Structure and Safety Measures Based on Spatial Digital Twins. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2809-2818.	8.0	20
23	Digital Twins in Unmanned Aerial Vehicles for Rapid Medical Resource Delivery in Epidemics. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 25106-25114.	8.0	77
24	Deep Learning in Security of Internet of Things. IEEE Internet of Things Journal, 2022, 9, 22133-22146.	8.7	64
25	Deep Learning for Security in Digital Twins of Cooperative Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 16666-16675.	8.0	66
26	RLDS: An explainable residual learning diagnosis system for fetal congenital heart disease. Future Generation Computer Systems, 2022, 128, 205-218.	7.5	19
27	Novel Machine Learning for Big Data Analytics in Intelligent Support Information Management Systems. ACM Transactions on Management Information Systems, 2022, 13, 1-21.	2.8	5
28	Big data analysis of the Internet of Things in the digital twins of smart city based on deep learning. Future Generation Computer Systems, 2022, 128, 167-177.	7.5	152
29	Transfer Learning-powered Resource Optimization for Green Computing in 5G-Aided Industrial Internet of Things. ACM Transactions on Internet Technology, 2022, 22, 1-16.	4.4	2
30	Edge Computing to Solve Security Issues for Infectious Disease Intelligence Prevention. ACM Transactions on Internet Technology, 2022, 22, 1-20.	4.4	0
31	A Multi-Vehicle Longitudinal Trajectory Collision Avoidance Strategy Using AEBS With Vehicle-Infrastructure Communication. IEEE Transactions on Vehicular Technology, 2022, 71, 1253-1266.	6.3	21
32	Performance Evaluation of MPTCP Incast Based on Queuing Network. IEEE Transactions on Green Communications and Networking, 2022, 6, 695-703.	5.5	4
33	Fuzzy-CNN Based Multi-Task Routing for Integrated Satellite-Terrestrial Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 1913-1926.	6.3	17
34	Deep learning for assessment of environmental satisfaction using BIM big data in energy efficient building digital twins. Sustainable Energy Technologies and Assessments, 2022, 50, 101897.	2.7	16
35	Multiobjective Evolution of the Explainable Fuzzy Rough Neural Network With Gene Expression Programming. IEEE Transactions on Fuzzy Systems, 2022, 30, 4190-4200.	9.8	51
36	Multimedia Monitoring System of Obstructive Sleep Apnea via a Deep Active Learning Model. IEEE MultiMedia, 2022, 29, 48-56.	1.7	5

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37	Deep Learning-based Smart Predictive Evaluation for Interactive Multimedia-enabled Smart Healthcare. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-20.	4.3	54
38	Design and interactive performance of human resource management system based on artificial intelligence. PLoS ONE, 2022, 17, e0262398.	2.5	9
39	5G for mobile augmented reality. International Journal of Communication Systems, 2022, 35, .	2.5	0
40	Q-method optimization of tunnel surrounding rock classification by fuzzy reasoning model and support vector machine. Soft Computing, 2022, 26, 7545-7558.	3.6	3
41	Federated Neural Architecture Search for Medical Data Security. IEEE Transactions on Industrial Informatics, 2022, 18, 5628-5636.	11.3	70
42	Prototypical Network Based on Manhattan Distance. CMES - Computer Modeling in Engineering and Sciences, 2022, 131, 655-675.	1.1	2
43	Editorial: 5G for Augmented Reality. Mobile Networks and Applications, 2022, 27, 849-850.	3.3	1
44	Complexity Problems Handled by Advanced Computer Simulation Technology in Smart Cities 2021. Complexity, 2022, 2022, 1-3.	1.6	2
45	Construction of personalized learning and knowledge system of chemistry specialty via the internet of things and clustering algorithm. Journal of Supercomputing, 2022, 78, 10997-11014.	3.6	4
46	A seamless anonymous authentication protocol for mobile edge computing infrastructure. Computer Communications, 2022, 186, 12-21.	5.1	8
47	Cross-Layer Optimization for Industrial Internet of Things in Real Scene Digital Twins. IEEE Internet of Things Journal, 2022, 9, 15618-15629.	8.7	40
48	Multiobjective Multiple Mobile Sink Scheduling via Evolutionary Fuzzy Rough Neural Network for Wireless Sensor Networks. IEEE Transactions on Fuzzy Systems, 2022, 30, 4630-4641.	9.8	4
49	Digital Twins Based VR Simulation for Accident Prevention of Intelligent Vehicle. IEEE Transactions on Vehicular Technology, 2022, 71, 3414-3428.	6.3	11
50	Intelligent Multi-AUG Ocean Data Collection Scheme in Maritime Wireless Communication Network. IEEE Transactions on Network Science and Engineering, 2022, 9, 3067-3079.	6.4	10
51	Application of Digital Twins in multiple fields. Multimedia Tools and Applications, 2022, 81, 26941-26967.	3.9	33
52	Practical Machine Learning Model to Predict the Recovery of Motor Function in Patients with Stroke. European Neurology, 2022, 85, 273-279.	1.4	7
53	Wearable Sensors for Vital Signs Measurement: A Survey. Journal of Sensor and Actuator Networks, 2022, 11, 19.	3.9	13
54	Artificial Intelligence in Underwater Digital Twins Sensor Networks. ACM Transactions on Sensor Networks, 2022, 18, 1-27.	3.6	53

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55	Reinforcement learning based edge computing in B5G. Digital Communications and Networks, 2022, , .	5.0	2
56	Computational Intelligence in Security of Digital Twins Big Graphic Data in Cyber-physical Systems of Smart Cities. ACM Transactions on Management Information Systems, 2022, 13, 1-17.	2.8	5
57	Smart City Construction and Management by Digital Twins and BIM Big Data in COVID-19 Scenario. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-21.	4.3	52
58	The Scanner of Heterogeneous Traffic Flow in Smart Cities by an Updating Model of Connected and Automated Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2022, , 1-10.	8.0	1
59	Digital twins and artificial intelligence in transportation infrastructure: Classification, application, and future research directions. Computers and Electrical Engineering, 2022, 101, 107983.	4.8	34
60	Artificial intelligence enabled Digital Twins for training autonomous cars. Internet of Things and Cyber-physical Systems, 2022, 2, 31-41.	8.7	15
61	Digital Twins-Based Automated Pilot for Energy-Efficiency Assessment of Intelligent Transportation Infrastructure. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 22320-22330.	8.0	11
62	Digital Twins of Wave Energy Generation Based on Artificial Intelligence. , 2022, , .		1
63	BlockNet: Beyond reliable spatial Digital Twins to Parallel Metaverse. Patterns, 2022, 3, 100468.	5.9	54
64	BIM Information Integration Based VR Modeling in Digital Twins in Industry 5.0. Journal of Industrial Information Integration, 2022, 28, 100351.	6.4	21
65	Editorial Augmented Reality for Bioinformatics. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2403-2404.	6.3	0
66	Consumer Behavior Classification in Online Virtual Stores Using Emotional Intelligence. Advances in Marketing, Customer Relationship Management, and E-services Book Series, 2022, , 1-24.	0.8	1
67	DDCNN: A Deep Learning Model for AF Detection From a Single-Lead Short ECG Signal. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 4987-4995.	6.3	12
68	Blockchain-Based Secure Communication of Intelligent Transportation Digital Twins System. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 22630-22640.	8.0	34
69	Advanced Machine-Learning Methods for Brain-Computer Interfacing. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 1688-1698.	3.0	80
70	Advanced Machine Learning on Cognitive Computing for Human Behavior Analysis. IEEE Transactions on Computational Social Systems, 2021, 8, 1194-1202.	4.4	27
71	Fuzzy Detection Aided Real-Time and Robust Visual Tracking Under Complex Environments. IEEE Transactions on Fuzzy Systems, 2021, 29, 90-102.	9.8	220
72	Solving the Security Problem of Intelligent Transportation System With Deep Learning. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4281-4290.	8.0	82

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73	Optimization of Classified Municipal Waste Collection Based on the Internet of Connected Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5364-5373.	8.0	8
74	Security of Internet of Things edge devices. Software - Practice and Experience, 2021, 51, 2446-2456.	3.6	28
75	Trustworthiness in Industrial IoT Systems Based on Artificial Intelligence. IEEE Transactions on Industrial Informatics, 2021, 17, 1496-1504.	11.3	186
76	Industrial Security Solution for Virtual Reality. IEEE Internet of Things Journal, 2021, 8, 6273-6281.	8.7	88
77	Energy-Efficient Heterogeneous Networking for Electric Vehicles Networks in Smart Future Cities. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1868-1880.	8.0	28
78	Wave Dissipation Performance of Granular Media Based on Three-Dimensional Meso-Model. IEEE Sensors Journal, 2021, 21, 15607-15613.	4.7	1
79	Big Data Analysis Technology for Electric Vehicle Networks in Smart Cities. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1807-1816.	8.0	61
80	Deep-Learning-Enabled Security Issues in the Internet of Things. IEEE Internet of Things Journal, 2021, 8, 9531-9538.	8.7	105
81	Dynamic Sensor Speed Measurement Algorithm and Influencing Factors of Traffic Safety With Wireless Sensor Network Nodes and RFID. IEEE Sensors Journal, 2021, 21, 15679-15686.	4.7	8
82	Industrial visual perception technology in Smart City. Image and Vision Computing, 2021, 105, 104070.	4.5	3
83	A clogging resistant secure authentication scheme for fog computing services. Computer Networks, 2021, 185, 107731.	5.1	42
84	Artificial intelligence for securing industrial-based cyber-physical systems. Future Generation Computer Systems, 2021, 117, 291-298.	7.5	80
85	Cyber security in smart cities: A review of deep learning-based applications and case studies. Sustainable Cities and Society, 2021, 66, 102655.	10.4	130
86	AI Empowered Communication Systems for Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4579-4587.	8.0	70
87	Intelligent edge computing based on machine learning for smart city. Future Generation Computer Systems, 2021, 115, 90-99.	7.5	114
88	Diversified Technologies in Internet of Vehicles Under Intelligent Edge Computing. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2048-2059.	8.0	66
89	Analysis of Using Blockchain to Protect the Privacy of Drone Big Data. IEEE Network, 2021, 35, 44-49.	6.9	109
90	Multi-Disease Prediction Based on Deep Learning: A Survey. CMES - Computer Modeling in Engineering and Sciences, 2021, 128, 489-522.	1.1	123

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91	Many-Objective Deployment Optimization for a Drone-Assisted Camera Network. IEEE Transactions on Network Science and Engineering, 2021, 8, 2756-2764.	6.4	102
92	Upper Limb Rehabilitation System for Stroke Survivors Based on Multi-Modal Sensors and Machine Learning. IEEE Access, 2021, 9, 30283-30291.	4.2	27
93	Research on Disease Prediction Based on Improved DeepFM and IoMT. IEEE Access, 2021, 9, 39043-39054.	4.2	80
94	RFID Reader Anticollision Based on Distributed Parallel Particle Swarm Optimization. IEEE Internet of Things Journal, 2021, 8, 3099-3107.	8.7	95
95	Advanced Network Representation Learning for Container Shipping Network Analysis. IEEE Network, 2021, 35, 182-187.	6.9	4
96	Guest Editorial: 5G for Internet of Things. IEEE Network, 2021, 35, 16-17.	6.9	2
97	An Optimized Byzantine Fault Tolerance Algorithm for Consortium Blockchain. Peer-to-Peer Networking and Applications, 2021, 14, 2826-2839.	3.9	72
98	Big Data Analysis of Internet of Things System. ACM Transactions on Internet Technology, 2021, 21, 1-15.	4.4	29
99	Real-time image processing for augmented reality on mobile devices. Journal of Real-Time Image Processing, 2021, 18, 245-248.	3.5	7
100	Deep Learning for Security Problems in 5G Heterogeneous Networks. IEEE Network, 2021, 35, 67-73.	6.9	55
101	Diversified Personalized Recommendation Optimization Based on Mobile Data. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2133-2139.	8.0	101
102	Fine-Grained Visual Computing Based on Deep Learning. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-19.	4.3	29
103	A polymorphic heterogeneous security architecture for edge-enabled smart grids. Sustainable Cities and Society, 2021, 67, 102661.	10.4	22
104	Big Data Analytics for 6G-Enabled Massive Internet of Things. IEEE Internet of Things Journal, 2021, 8, 5350-5359.	8.7	127
105	Venue Topic Model-enhanced Joint Graph Modelling for Citation Recommendation in Scholarly Big Data. ACM Transactions on Asian and Low-Resource Language Information Processing, 2021, 20, 1-15.	2.0	20
106	MeetDurian: A Gameful Mobile App to Prevent COVID-19 Infection. , 2021, , .		3
107	A Survey on Healthcare Data: A Security Perspective. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-26.	4.3	43
108	Introduction to the Special Issue on Recent Trends in Medical Data Security for e-Health Applications. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-3.	4.3	12

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109	Guest Editorial Software Defined Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3504-3510.	8.0	8
110	The Security of Medical Data on Internet Based on Differential Privacy Technology. ACM Transactions on Internet Technology, 2021, 21, 1-18.	4.4	23
111	Multimodal Medical Supervised Image Fusion Method by CNN. Frontiers in Neuroscience, 2021, 15, 638976.	2.8	15
112	Deployment optimization of multi-stage investment portfolio service and hybrid intelligent algorithm under edge computing. PLoS ONE, 2021, 16, e0252244.	2.5	12
113	Cognitive Robotics on 5G Networks. ACM Transactions on Internet Technology, 2021, 21, 1-18.	4.4	5
114	Big Data Processing on Volunteer Computing. ACM Transactions on Internet Technology, 2021, 21, 1-20.	4.4	4
115	Semi-Supervised Support Vector Machine for Digital Twins Based Brain Image Fusion. Frontiers in Neuroscience, 2021, 15, 705323.	2.8	152
116	AI-empowered IoT Security for Smart Cities. ACM Transactions on Internet Technology, 2021, 21, 1-21.	4.4	48
117	AI-enabled IoT-Edge Data Analytics for Connected Living. ACM Transactions on Internet Technology, 2021, 21, 1-20.	4.4	22
118	Geometric rectification-based neural network architecture for image manipulation detection. International Journal of Intelligent Systems, 2021, 36, 6993-7016.	5.7	6
119	Fuzzy System Based Medical Image Processing for Brain Disease Prediction. Frontiers in Neuroscience, 2021, 15, 714318.	2.8	212
120	Chemical characteristics of groundwater and source identification in a coastal city. PLoS ONE, 2021, 16, e0256360.	2.5	8
121	6G-Enabled Network in Box for Internet of Connected Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5275-5282.	8.0	60
122	Special Issue on "Augmented Reality, Virtual Reality & Semantic 3D Reconstruction". Applied Sciences (Switzerland), 2021, 11, 8590.	2.5	2
123	Applying machine learning in intelligent sewage treatment: A case study of chemical plant in sustainable cities. Sustainable Cities and Society, 2021, 72, 103009.	10.4	19
124	A survey on 5G/6G, AI, and Robotics. Computers and Electrical Engineering, 2021, 95, 107372.	4.8	58
125	Survey on atrial fibrillation detection from a single-lead ECG wave for Internet of Medical Things. Computer Communications, 2021, 178, 245-258.	5.1	21
126	Beyond 5G for digital twins of UAVs. Computer Networks, 2021, 197, 108366.	5.1	19

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127	Emotion Recognition of Chinese Paintings at the Thirteenth National Exhibition of Fines Arts in China Based on Advanced Affective Computing. <i>Frontiers in Psychology</i> , 2021, 12, 741665.	2.1	9
128	ShuffleNet2MC: A method of light weight fault diagnosis. , 2021, , .		2
129	Prediction of Energy Consumption in Digital Twins of Intelligent Factory by Artificial Intelligence. , 2021, , .		2
130	Traffic flow of connected and automated vehicles in Smart Cities: Human-Centric. , 2021, , .		0
131	Traffic station classification based on deep spatio-temporal network. <i>Computers and Electrical Engineering</i> , 2021, 97, 107558.	4.8	1
132	Security in IoT-Enabled Digital Twins of Maritime Transportation Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, , 1-9.	8.0	19
133	Time-Extended Pathfinding Optimization in Mobile LEO Satellite Communication Networks. , 2021, , .		1
134	A Resource Allocation Strategy in Fog-Cloud Computing Towards the Internet of Things in the 5G Era. , 2021, , .		4
135	Guest Editorial: Drone Networking. <i>IEEE Communications Standards Magazine</i> , 2021, 5, 8-9.	4.9	0
136	Blockchain Enabled Secure Authentication for Unmanned Aircraft Systems. , 2021, , .		5
137	Securing the Internet of Drones Against Cyber-Physical Attacks. <i>IEEE Internet of Things Magazine</i> , 2021, 4, 74-78.	2.6	1
138	Time-varying Contact Management with Dynamic Programming for LEO Satellite Networks. , 2021, , .		0
139	Data analytics of urban fabric metrics for smart cities. <i>Future Generation Computer Systems</i> , 2020, 107, 871-882.	7.5	22
140	Optimization of real-time traffic network assignment based on IoT data using DBN and clustering model in smart city. <i>Future Generation Computer Systems</i> , 2020, 108, 976-986.	7.5	63
141	A task scheduling algorithm considering game theory designed for energy management in cloud computing. <i>Future Generation Computer Systems</i> , 2020, 105, 985-992.	7.5	74
142	ELDC: An Artificial Neural Network Based Energy-Efficient and Robust Routing Scheme for Pollution Monitoring in WSNs. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2020, 8, 106-114.	4.6	56
143	BIM Big Data Storage in WebVRGIS. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 2566-2573.	11.3	114
144	Infrastructure Monitoring and Operation for Smart Cities Based on IoT System. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 1957-1962.	11.3	136

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145	Intelligent Security Planning for Regional Distributed Energy Internet. IEEE Transactions on Industrial Informatics, 2020, 16, 3540-3547.	11.3	109
146	MALDC: a depth detection method for malware based on behavior chains. World Wide Web, 2020, 23, 991-1010.	4.0	12
147	Guest editorial: Recent trends in multimedia data-hiding: a reliable mean for secure communications. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 1795-1797.	4.9	7
148	Virtual reality in the context of Internet of Things. Neural Computing and Applications, 2020, 32, 9593-9602.	5.6	72
149	An anaglyph 2D-3D stereoscopic video visualization approach. Multimedia Tools and Applications, 2020, 79, 825-838.	3.9	1
150	Robust3D: a robust 3D face reconstruction application. Neural Computing and Applications, 2020, 32, 8893-8900.	5.6	5
151	Big Data Analysis Based Network Behavior Insight of Cellular Networks for Industry 4.0 Applications. IEEE Transactions on Industrial Informatics, 2020, 16, 1310-1320.	11.3	138
152	An intelligent optimization-based traffic information acquirement approach to software-defined networking. Computational Intelligence, 2020, 36, 151-171.	3.2	26
153	Interaction of Edge-Cloud Computing Based on SDN and NFV for Next Generation IoT. IEEE Internet of Things Journal, 2020, 7, 5706-5712.	8.7	183
154	Mobile Internet of Things Under Data Physical Fusion Technology. IEEE Internet of Things Journal, 2020, 7, 4616-4624.	8.7	116
155	Many-Objective Deployment Optimization of Edge Devices for 5G Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 2117-2125.	6.4	17
156	Optimization of collaborative resource allocation for mobile edge computing. Computer Communications, 2020, 161, 19-27.	5.1	40
157	A software-defined networks based measurement method of network traffic for 6G technologies. Transactions on Emerging Telecommunications Technologies, 2020, , e4172.	3.9	3
158	The Influence of Immersive Virtual Reality Systems on Online Social Application. Applied Sciences (Switzerland), 2020, 10, 5058.	2.5	46
159	Software defined solutions for sensors in 6G/loE. Computer Communications, 2020, 153, 42-47.	5.1	133
160	Hybrid Microgrid Many-Objective Sizing Optimization With Fuzzy Decision. IEEE Transactions on Fuzzy Systems, 2020, 28, 2702-2710.	9.8	181
161	Attribute-Based Encryption With Parallel Outsourced Decryption for Edge Intelligent IoV. IEEE Transactions on Vehicular Technology, 2020, 69, 13784-13795.	6.3	168
162	Smart Antenna-based Multi-hop Highly-Energy-Efficient DSA Approach to Drone-assisted Backhaul Networks for 5G. , 2020, , .		0

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163	Spatiotemporal Congestion-Aware Path Planning Toward Intelligent Transportation Systems in Software-Defined Smart City IoT. IEEE Internet of Things Journal, 2020, 7, 8012-8024.	8.7	43
164	A Many-Objective Optimization Model of Industrial Internet of Things Based on Private Blockchain. IEEE Network, 2020, 34, 78-83.	6.9	175
165	Gender based face aging with cycle-consistent adversarial networks. Image and Vision Computing, 2020, 100, 103945.	4.5	9
166	Compression-Then-Encryption-Based Secure Watermarking Technique for Smart Healthcare System. IEEE MultiMedia, 2020, 27, 133-143.	1.7	58
167	A real-time and ubiquitous network attack detection based on deep belief network and support vector machine. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 790-799.	13.1	95
168	An Energy-Efficient Networking Approach in Cloud Services for IIoT Networks. IEEE Journal on Selected Areas in Communications, 2020, 38, 928-941.	14.0	84
169	Decision Optimization of Low-Carbon Dual-Channel Supply Chain of Auto Parts Based on Smart City Architecture. Complexity, 2020, 2020, 1-14.	1.6	34
170	Multiobjective Evolution of Fuzzy Rough Neural Network via Distributed Parallelism for Stock Prediction. IEEE Transactions on Fuzzy Systems, 2020, 28, 939-952.	9.8	147
171	Bifurcation and robust control analysis to tractor-semitrailer with interference on rainy slippery road. Future Generation Computer Systems, 2020, 107, 126-143.	7.5	2
172	Analysis of healthcare big data. Future Generation Computer Systems, 2020, 109, 103-110.	7.5	182
173	Deep belief network and linear perceptron based cognitive computing for collaborative robots. Applied Soft Computing Journal, 2020, 92, 106300.	7.2	151
174	Analysis of the Security of Internet of Multimedia Things. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-16.	4.3	25
175	Editorial RGB-D Sensors and 3D Reconstruction. IEEE Sensors Journal, 2020, 20, 11751-11752.	4.7	3
176	Guest Editorial: Deep Learning for 3D Reconstruction. IET Image Processing, 2020, 14, 1217-1218.	2.5	0
177	Skull similarity comparison based on SPCA. Multimedia Tools and Applications, 2020, 79, 22423-22446.	3.9	3
178	Fast and robust feature tracking for 3D reconstruction. Optics and Laser Technology, 2019, 110, 120-128.	4.6	16
179	Wearable Vision Assistance System Based on Binocular Sensors for Visually Impaired Users. IEEE Internet of Things Journal, 2019, 6, 1375-1383.	8.7	91
180	Efficient Deep CNN-Based Fire Detection and Localization in Video Surveillance Applications. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1419-1434.	9.3	279

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181	Improving performance of medical image fusion using histogram, dictionary learning and sparse representation. <i>Multimedia Tools and Applications</i> , 2019, 78, 34459-34482.	3.9	9
182	Basic Research Methodology in Wireless Communications: The First Course for Research-Based Graduate Students. <i>IEEE Access</i> , 2019, 7, 86678-86696.	4.2	18
183	Design of personnel big data management system based on blockchain. <i>Future Generation Computer Systems</i> , 2019, 101, 1122-1129.	7.5	132
184	Superpixel-Based Feature Tracking for Structure from Motion. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2961.	2.5	2
185	A SDN-based fine-grained measurement and modeling approach to vehicular communication network traffic. <i>International Journal of Communication Systems</i> , 2019, , e4092.	2.5	57
186	A novel breast ultrasound image automated segmentation algorithm based on seeded region growing integrating gradual equipartition threshold. <i>Multimedia Tools and Applications</i> , 2019, 78, 27915-27932.	3.9	11
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