

Zhi-Han Lv

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

341
papers

8,048
citations

49
h-index

73
g-index

396
ext. papers

10,711
ext. citations

4.4
avg, IF

7.69
L-index

#	Paper	IF	Citations
341	Advanced Deep Learning for Image Processing in Industrial Internet of Things Under Software-Defined Network. <i>Internet of Things</i> , 2022 , 271-294	1.3	
340	Multiobjective Evolution of the Explainable Fuzzy Rough Neural Network with Gene Expression Programming. <i>IEEE Transactions on Fuzzy Systems</i> , 2022 , 1-1	8.3	16
339	Multimedia Monitoring System of Obstructive Sleep Apnea via Deep Active Learning Model. <i>IEEE MultiMedia</i> , 2022 , 1-1	2.1	1
338	Deep Learning-based Smart Predictive Evaluation for Interactive Multimedia-enabled Smart Healthcare. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2022 , 18, 1-20 ^{3,4}	3.4	9
337	Design and interactive performance of human resource management system based on artificial intelligence.. <i>PLoS ONE</i> , 2022 , 17, e0262398	3.7	2
336	Configuration Security for Sustainable Digital Twins of Industrial Automation and Control Systems in Emerging Countries. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022 , 233-254	0.4	
335	Safety Poka Yoke in Zero-Defect Manufacturing Based on Digital Twins. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	14
334	Federated Neural Architecture Search for Medical Data Security. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	10
333	Complexity Problems Handled by Advanced Computer Simulation Technology in Smart Cities 2021. <i>Complexity</i> , 2022 , 2022, 1-3	1.6	
332	A seamless anonymous authentication protocol for mobile edge computing infrastructure. <i>Computer Communications</i> , 2022 , 186, 12-21	5.1	1
331	Edge Computing to Solve Security Issues for Infectious Disease Intelligence Prevention. <i>ACM Transactions on Internet Technology</i> , 2022 , 22, 1-20	3.8	
330	Deep learning for assessment of environmental satisfaction using BIM big data in energy efficient building digital twins. <i>Sustainable Energy Technologies and Assessments</i> , 2022 , 50, 101897	4.7	3
329	RLDS: An explainable residual learning diagnosis system for fetal congenital heart disease. <i>Future Generation Computer Systems</i> , 2022 , 128, 205-218	7.5	4
328	Novel Machine Learning for Big Data Analytics in Intelligent Support Information Management Systems. <i>ACM Transactions on Management Information Systems</i> , 2022 , 13, 1-21	2	0
327	Big data analysis of the Internet of Things in the digital twins of smart city based on deep learning. <i>Future Generation Computer Systems</i> , 2022 , 128, 167-177	7.5	44
326	Transfer Learning-powered Resource Optimization for Green Computing in 5G-Aided Industrial Internet of Things. <i>ACM Transactions on Internet Technology</i> , 2022 , 22, 1-16	3.8	1
325	Deep learning for autonomous vehicle and pedestrian interaction safety. <i>Safety Science</i> , 2022 , 145, 105479	7.9	3

3 ²⁴	Distributed Edge Learning in Emerging Virtual Reality Systems. <i>Advances in Intelligent Systems and Computing</i> , 2022 , 39-52	0.4	
3 ²³	Cross-layer Optimization for Industrial Internet of Things in Real Scene Digital Twins. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	1
3 ²²	Multiobjective Multiple Mobile Sink Scheduling via Evolutionary Fuzzy Rough Neural Network for Wireless Sensor Networks. <i>IEEE Transactions on Fuzzy Systems</i> , 2022 , 1-1	8.3	0
3 ²¹	Blockchain-Based Communication for Digital Twins. <i>Internet of Things</i> , 2022 , 193-210	1.3	
3 ²⁰	Digital Twins Based VR Simulation for Accident Prevention of Intelligent Vehicle. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	0
3 ¹⁹	Intelligent Multi-AUG Ocean Data Collection Scheme in Maritime Wireless Communication Network. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	2
3 ¹⁸	Application of Digital Twins in multiple fields.. <i>Multimedia Tools and Applications</i> , 2022 , 1-27	2.5	3
3 ¹⁷	Practical Machine Learning Model to Predict the Recovery of Motor Function in Patients with Stroke.. <i>European Neurology</i> , 2022 , 1-7	2.1	2
3 ¹⁶	Wearable Sensors for Vital Signs Measurement: A Survey. <i>Journal of Sensor and Actuator Networks</i> , 2022 , 11, 19	3.8	0
3 ¹⁵	The Scanner of Heterogeneous Traffic Flow in Smart Cities by an Updating Model of Connected and Automated Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-10	6.1	0
3 ¹⁴	Digital twins and artificial intelligence in transportation infrastructure: Classification, application, and future research directions. <i>Computers and Electrical Engineering</i> , 2022 , 101, 107983	4.3	3
3 ¹³	Artificial intelligence enabled Digital Twins for training autonomous cars 2022 , 2, 31-41		3
3 ¹²	Digital Twins-Based Automated Pilot for Energy-Efficiency Assessment of Intelligent Transportation Infrastructure. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-11	6.1	1
3 ¹¹	BlockNet: Beyond reliable spatial Digital Twins to Parallel Metaverse. <i>Patterns</i> , 2022 , 3, 100468	5.1	8
3 ¹⁰	BIM Information Integration Based VR Modeling in Digital Twins in Industry 5.0. <i>Journal of Industrial Information Integration</i> , 2022 , 28, 100351	7	1
3 ⁰⁹	Advanced Signal Processing for Autonomous Transportation Big Data. <i>Internet of Things</i> , 2022 , 179-199	1.3	
3 ⁰⁸	Context-Aware Cognitive Communication for Sustainable Digital Twins 2022 , 179-201		
3 ⁰⁷	Editorial Augmented Reality for Bioinformatics. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022 , 26, 2403-2404	7.2	

306	Consumer Behavior Classification in Online Virtual Stores Using Emotional Intelligence. <i>Advances in Marketing, Customer Relationship Management, and E-services Book Series</i> , 2022 , 1-24	0.3	
305	Trust Mechanism of Multimedia Network. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2021 ,	3.4	27
304	Traffic station classification based on deep spatio-temporal network. <i>Computers and Electrical Engineering</i> , 2021 , 97, 107558	4.3	0
303	A Multi-Vehicle Longitudinal Trajectory Collision Avoidance Strategy using AEBS with Vehicle-Infrastructure Communication. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	4
302	Cardiac LGE MRI Segmentation with Cross-Modality Image Augmentation and Improved U-Net.. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , PP,	7.2	1
301	Performance Evaluation of MPTCP Incast Based on Queuing Network. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 1-1	4	0
300	Fuzzy-CNN Based Multi-task Routing for Integrated Satellite-terrestrial Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	3
299	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-10	6.1	27
298	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	3.4	5
297	Advanced Machine-Learning Methods for Brain-Computer Interfacing. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021 , 18, 1688-1698	3	52
296	. <i>IEEE Network</i> , 2021 , 35, 182-187	11.4	2
295	An Optimized Byzantine Fault Tolerance Algorithm for Consortium Blockchain. <i>Peer-to-Peer Networking and Applications</i> , 2021 , 14, 2826-2839	3.1	25
294	Big Data Analysis of Internet of Things System. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-15	3.8	18
293	Real-time image processing for augmented reality on mobile devices. <i>Journal of Real-Time Image Processing</i> , 2021 , 18, 245-248	1.9	3
292	. <i>IEEE Network</i> , 2021 , 35, 67-73	11.4	27
291	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 2133-2139	6.1	22
290	Fine-Grained Visual Computing Based on Deep Learning. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2021 , 17, 1-19	3.4	20
289	A polymorphic heterogeneous security architecture for edge-enabled smart grids. <i>Sustainable Cities and Society</i> , 2021 , 67, 102661	10.1	13

288	Big Data Analytics for 6G-Enabled Massive Internet of Things. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 5350-5359	10.7	69
287	Venue Topic Model-Enhanced Joint Graph Modelling for Citation Recommendation in Scholarly Big Data. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2021 , 20, 1-15	1.1	15
286	A Survey on Healthcare Data: A Security Perspective. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2021 , 17, 1-26	3.4	23
285	Introduction to the Special Issue on Recent Trends in Medical Data Security for e-Health Applications. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2021 , 17, 1-3	3.4	9
284	Guest Editorial Software Defined Internet of Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 3504-3510	6.1	1
283	The Security of Medical Data on Internet Based on Differential Privacy Technology. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-18	3.8	12
282	Multimodal Medical Supervised Image Fusion Method by CNN. <i>Frontiers in Neuroscience</i> , 2021 , 15, 638975	6.1	3
281	Deployment optimization of multi-stage investment portfolio service and hybrid intelligent algorithm under edge computing. <i>PLoS ONE</i> , 2021 , 16, e0252244	3.7	7
280	Cognitive Robotics on 5G Networks. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-18	3.8	1
279	Big Data Processing on Volunteer Computing. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-20	3.8	3
278	Semi-Supervised Support Vector Machine for Digital Twins Based Brain Image Fusion. <i>Frontiers in Neuroscience</i> , 2021 , 15, 705323	5.1	104
277	Can blockchain link the future?. <i>Digital Communications and Networks</i> , 2021 ,	5.9	9
276	Trustworthiness in Industrial IoT Systems Based on Artificial Intelligence. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 1496-1504	11.9	102
275	Industrial Security Solution for Virtual Reality. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 6273-6281	10.7	41
274	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 1868-1880	6.1	20
273	Wave Dissipation Performance of Granular Media Based on Three-Dimensional Meso-Model. <i>IEEE Sensors Journal</i> , 2021 , 21, 15607-15613	4	0
272	Big Data Analysis Technology for Electric Vehicle Networks in Smart Cities. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 1807-1816	6.1	29
271	Deep-Learning-Enabled Security Issues in the Internet of Things. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 9531-9538	10.7	40

270	Dynamic Sensor Speed Measurement Algorithm and Influencing Factors of Traffic Safety With Wireless Sensor Network Nodes and RFID. <i>IEEE Sensors Journal</i> , 2021 , 21, 15679-15686	4	3
269	Industrial visual perception technology in Smart City. <i>Image and Vision Computing</i> , 2021 , 105, 104070	3.7	2
268	A clogging resistant secure authentication scheme for fog computing services. <i>Computer Networks</i> , 2021 , 185, 107731	5.4	21
267	Artificial intelligence for securing industrial-based cyberphysical systems. <i>Future Generation Computer Systems</i> , 2021 , 117, 291-298	7.5	48
266	Cyber security in smart cities: A review of deep learning-based applications and case studies. <i>Sustainable Cities and Society</i> , 2021 , 66, 102655	10.1	44
265	AI Empowered Communication Systems for Intelligent Transportation Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 4579-4587	6.1	26
264	Intelligent edge computing based on machine learning for smart city. <i>Future Generation Computer Systems</i> , 2021 , 115, 90-99	7.5	57
263	Diversified Technologies in Internet of Vehicles Under Intelligent Edge Computing. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 2048-2059	6.1	42
262	Real-Time Intelligent Automatic Transportation Safety Based on Big Data Management. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-10	6.1	0
261	. <i>IEEE Network</i> , 2021 , 35, 44-49	11.4	35
260	Multi-Disease Prediction Based on Deep Learning: A Survey. <i>CMES - Computer Modeling in Engineering and Sciences</i> , 2021 , 128, 489-522	1.7	71
259	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-10	6.1	15
258	Many-Objective Deployment Optimization for a Drone-Assisted Camera Network. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	26
257	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-11	6.1	6
256	FLDS: An Intelligent Feature Learning Detection System for Visualizing Medical Images Supporting Fetal Four-chamber Views. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , PP,	7.2	5
255	3DMol-Net: Learn 3D Molecular Representation using Adaptive Graph Convolutional Network Based on Rotation Invariance. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , PP,	7.2	2
254	AI-Assisted Energy-Efficient and Intelligent Routing for Reconfigurable Wireless Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	12
253	Upper Limb Rehabilitation System for Stroke Survivors Based on Multi-Modal Sensors and Machine Learning. <i>IEEE Access</i> , 2021 , 9, 30283-30291	3.5	10

252	. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	19
251	Research on Disease Prediction Based on Improved DeepFM and IoMT. <i>IEEE Access</i> , 2021 , 9, 39043-39054	5.5	46
250	RFID Reader Anticollision Based on Distributed Parallel Particle Swarm Optimization. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 3099-3107	10.7	22
249	AI-empowered IoT Security for Smart Cities. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-21	3.8	19
248	AI-enabled IoT-Edge Data Analytics for Connected Living. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-20	3.8	5
247	Fuzzy System Based Medical Image Processing for Brain Disease Prediction. <i>Frontiers in Neuroscience</i> , 2021 , 15, 714318	5.1	143
246	Chemical characteristics of groundwater and source identification in a coastal city. <i>PLoS ONE</i> , 2021 , 16, e0256360	3.7	2
245	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 5275-5282	6.1	24
244	Applying machine learning in intelligent sewage treatment: A case study of chemical plant in sustainable cities. <i>Sustainable Cities and Society</i> , 2021 , 72, 103009	10.1	2
243	A survey on 5G/6G, AI, and Robotics. <i>Computers and Electrical Engineering</i> , 2021 , 95, 107372	4.3	28
242	Survey on atrial fibrillation detection from a single-lead ECG wave for Internet of Medical Things. <i>Computer Communications</i> , 2021 , 178, 245-258	5.1	8
241	Beyond 5G for digital twins of UAVs. <i>Computer Networks</i> , 2021 , 197, 108366	5.4	6
240	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-10	6.1	1
239	Analysis of the Security of Internet of Multimedia Things. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2021 , 16, 1-16	3.4	20
238	Digital Twins in Unmanned Aerial Vehicles for Rapid Medical Resource Delivery in Epidemics. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-9	6.1	16
237	Deep Learning in Security of Internet of Things. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	26
236	QoE-Aware Efficient Content Distribution Scheme for Satellite-Terrestrial Networks. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	40
235	Blockchain Enabled Secure Authentication for Unmanned Aircraft Systems 2021 ,		3

234	Securing the Internet of Drones Against Cyber-Physical Attacks. <i>IEEE Internet of Things Magazine</i> , 2021 , 4, 74-78	3.5	
233	A Many-Objective Optimization Model of Industrial Internet of Things Based on Private Blockchain. <i>IEEE Network</i> , 2020 , 34, 78-83	11.4	104
232	Gender based face aging with cycle-consistent adversarial networks. <i>Image and Vision Computing</i> , 2020 , 100, 103945	3.7	5
231	Compression-Then-Encryption-Based Secure Watermarking Technique for Smart Healthcare System. <i>IEEE MultiMedia</i> , 2020 , 27, 133-143	2.1	32
230	Solving the Security Problem of Intelligent Transportation System With Deep Learning. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-10	6.1	37
229	A real-time and ubiquitous network attack detection based on deep belief network and support vector machine. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2020 , 7, 790-799	7	46
228	An Energy-Efficient Networking Approach in Cloud Services for IIoT Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 928-941	14.2	69
227	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-10	6.1	4
226	Decision Optimization of Low-Carbon Dual-Channel Supply Chain of Auto Parts Based on Smart City Architecture. <i>Complexity</i> , 2020 , 2020, 1-14	1.6	21
225	Multiobjective Evolution of Fuzzy Rough Neural Network via Distributed Parallelism for Stock Prediction. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 939-952	8.3	94
224	Bifurcation and robust control analysis to tractor-semitrailer with interference on rainy slippery road. <i>Future Generation Computer Systems</i> , 2020 , 107, 126-143	7.5	1
223	Security of Internet of Things edge devices. <i>Software - Practice and Experience</i> , 2020 ,	2.5	18
222	Analysis of healthcare big data. <i>Future Generation Computer Systems</i> , 2020 , 109, 103-110	7.5	108
221	Deep belief network and linear perceptron based cognitive computing for collaborative robots. <i>Applied Soft Computing Journal</i> , 2020 , 92, 106300	7.5	108
220	Editorial RGB-D Sensors and 3D Reconstruction. <i>IEEE Sensors Journal</i> , 2020 , 20, 11751-11752	4	1
219	Skull similarity comparison based on SPCA. <i>Multimedia Tools and Applications</i> , 2020 , 79, 22423-22446	2.5	1
218	An intelligent optimization-based traffic information acquirement approach to software-defined networking. <i>Computational Intelligence</i> , 2020 , 36, 151-171	2.5	21
217	Interaction of Edge-Cloud Computing Based on SDN and NFV for Next Generation IoT. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 5706-5712	10.7	129

216	Mobile Internet of Things Under Data Physical Fusion Technology. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 4616-4624	10.7	73
215	. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 2117-2125	4.9	5
214	Optimization of collaborative resource allocation for mobile edge computing. <i>Computer Communications</i> , 2020 , 161, 19-27	5.1	25
213	A software-defined networks-based measurement method of network traffic for 6G technologies. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , e4172	1.9	1
212	The Influence of Immersive Virtual Reality Systems on Online Social Application. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5058	2.6	27
211	Advanced Machine Learning on Cognitive Computing for Human Behavior Analysis. <i>IEEE Transactions on Computational Social Systems</i> , 2020 , 1-9	4.5	13
210	Software defined solutions for sensors in 6G/loE. <i>Computer Communications</i> , 2020 , 153, 42-47	5.1	84
209	Fuzzy Detection Aided Real-Time and Robust Visual Tracking Under Complex Environments. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	120
208	. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 2702-2710	8.3	94
207	Attribute-Based Encryption With Parallel Outsourced Decryption for Edge Intelligent IoV. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 13784-13795	6.8	84
206	. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 8012-8024	10.7	18
205	Data analytics of urban fabric metrics for smart cities. <i>Future Generation Computer Systems</i> , 2020 , 107, 871-882	7.5	13
204	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	39
203	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	43
202	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	4.1	34
201	BIM Big Data Storage in WebVRGIS. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 2566-2573	11.9	79
200	Infrastructure Monitoring and Operation for Smart Cities Based on IoT System. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 1957-1962	11.9	87
199	Intelligent Security Planning for Regional Distributed Energy Internet. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 3540-3547	11.9	66

198	MALDC: a depth detection method for malware based on behavior chains. <i>World Wide Web</i> , 2020 , 23, 991-1010	2.9	6
197	Virtual reality in the context of Internet of Things. <i>Neural Computing and Applications</i> , 2020 , 32, 9593-9602	4.2	37
196	An anaglyph 2D-3D stereoscopic video visualization approach. <i>Multimedia Tools and Applications</i> , 2020 , 79, 825-838	2.5	0
195	Robust3D: a robust 3D face reconstruction application. <i>Neural Computing and Applications</i> , 2020 , 32, 8893-8900	4.8	4
194	. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 1310-1320	11.9	106
193	An ubiquitous 3D visual analysis platform of seabed. <i>Multimedia Tools and Applications</i> , 2019 , 78, 34613-34625	3.6	25
192	IEEE Access Special Section Editorial: Multimedia Analysis for Internet-of-Things. <i>IEEE Access</i> , 2019 , 7, 65211-65218	3.5	4
191	Parallel K Nearest Neighbor Matching for 3D Reconstruction. <i>IEEE Access</i> , 2019 , 7, 55248-55260	3.5	2
190	Complexity Problems Handled by Big Data Technology. <i>Complexity</i> , 2019 , 2019, 1-7	1.6	3
189	Fast and robust feature tracking for 3D reconstruction. <i>Optics and Laser Technology</i> , 2019 , 110, 120-128	4.2	14
188	Wearable Vision Assistance System Based on Binocular Sensors for Visually Impaired Users. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 1375-1383	10.7	57
187	Efficient Deep CNN-Based Fire Detection and Localization in Video Surveillance Applications. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1419-1434	7.3	126
186	Improving performance of medical image fusion using histogram, dictionary learning and sparse representation. <i>Multimedia Tools and Applications</i> , 2019 , 78, 34459-34482	2.5	8
185	Basic Research Methodology in Wireless Communications: The First Course for Research-Based Graduate Students. <i>IEEE Access</i> , 2019 , 7, 86678-86696	3.5	9
184	Design of personnel big data management system based on blockchain. <i>Future Generation Computer Systems</i> , 2019 , 101, 1122-1129	7.5	75
183	Superpixel-Based Feature Tracking for Structure from Motion. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2961	2.6	0
182	A SDN-based fine-grained measurement and modeling approach to vehicular communication network traffic. <i>International Journal of Communication Systems</i> , 2019 , e4092	1.7	42
181	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	2.5	6

180	The security of Internet of drones. <i>Computer Communications</i> , 2019 , 148, 208-214	5.1	49
179	Comparison and Modelling of Country-level Microblog User and Activity in Cyber-physical-social Systems Using Weibo and Twitter Data. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2019 , 10, 1-24	8	85
178	IEEE ACCESS SPECIAL SECTION EDITORIAL: BIG DATA ANALYTICS IN THE INTERNET-OF-THINGS AND CYBER-PHYSICAL SYSTEMS. <i>IEEE Access</i> , 2019 , 7, 18070-18075	3.5	3
177	New metrics for measuring multiphase mixing effects in a direct-contact heat exchanger. <i>Applied Thermal Engineering</i> , 2019 , 147, 592-601	5.8	5
176	MOOCRC: A Highly Accurate Resource Recommendation Model for Use in MOOC Environments. <i>Mobile Networks and Applications</i> , 2019 , 24, 34-46	2.9	25
175	. <i>IEEE Transactions on Big Data</i> , 2019 , 5, 529-539	3.2	8
174	. <i>IEEE Transactions on Big Data</i> , 2019 , 5, 495-505	3.2	12
173	Evaluation of Local Features for Structure from Motion. <i>Multimedia Tools and Applications</i> , 2018 , 77, 10979-10993	2.5	1
172	3D Face Similarity Measure by Fr�chet Distances of Geodesics. <i>Journal of Computer Science and Technology</i> , 2018 , 33, 207-222	1.7	4
171	Differential Evolution-Based 3-D Directional Wireless Sensor Network Deployment Optimization. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 3594-3605	10.7	19
170	Interaction with Three-Dimensional Gesture and Character Input in Virtual Reality: Recognizing Gestures in Different Directions and Improving User Input. <i>IEEE Consumer Electronics Magazine</i> , 2018 , 7, 64-72	3.2	14
169	Effectively Measuring Respiratory Flow With Portable Pressure Data Using Back Propagation Neural Network. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2018 , 6, 1600112	3	20
168	Distributed parallel cooperative coevolutionary multi-objective large-scale immune algorithm for deployment of wireless sensor networks. <i>Future Generation Computer Systems</i> , 2018 , 82, 256-267	7.5	14
167	Marine depth mapping algorithm based on the edge computing in Internet of things. <i>Journal of Parallel and Distributed Computing</i> , 2018 , 114, 95-103	4.4	11
166	A Joint Multi-Criteria Utility-Based Network Selection Approach for Vehicle-to-Infrastructure Networking. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018 , 19, 3305-3319	6.1	177
165	Marine surveying and mapping system based on Cloud Computing and Internet of Things. <i>Future Generation Computer Systems</i> , 2018 , 85, 39-50	7.5	14
164	3-D Multiobjective Deployment of an Industrial Wireless Sensor Network for Maritime Applications Utilizing a Distributed Parallel Algorithm. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 5487-5495 ^{11.9}	11.9	32
163	Construction of intelligent traffic information recommendation system based on long short-term memory. <i>Journal of Computational Science</i> , 2018 , 26, 78-86	3.4	17

162	Quality assessment for virtual reality technology based on real scene. <i>Neural Computing and Applications</i> , 2018 , 29, 1199-1208	4.8	10
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20	Multi-gesture based football game in smart phones 2013 ,		3
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