Ali Kashif Bashir

List of Publications by Year
in descending order

214 papers	7,002 citations	70961 41 h-index	88477 70 g-index
224 all docs	224 docs citations	224 times ranked	5241 citing authors

#	Article	IF	Citations
1	Predicting humans future motion trajectories in video streams using generative adversarial network. Multimedia Tools and Applications, 2024, 83, 15289-15311.	2.6	5
2	A novel solution for finding postpartum haemorrhage using fuzzy neural techniques. Neural Computing and Applications, 2023, 35, 23683-23696.	3.2	13
3	Sema-IIoVT: Emergent Semantic-Based Trustworthy Information-Centric Fog System and Testbed for Intelligent Internet of Vehicles. IEEE Consumer Electronics Magazine, 2023, 12, 70-79.	2.3	12
4	Data-driven management for fuzzy sewage treatment processes using hybrid neural computing. Neural Computing and Applications, 2023, 35, 23781-23794.	3.2	11
5	Social media intention mining for sustainable information systems: categories, taxonomy, datasets and challenges. Complex & Intelligent Systems, 2023, 9, 2773-2799.	4.0	18
6	Toward real-time and efficient cardiovascular monitoring for COVID-19 patients by 5G-enabled wearable medical devices: a deep learning approach. Neural Computing and Applications, 2023, 35, 13921-13934.	3.2	79
7	BI-IEA: A Bit-Level Image Encryption Algorithm for Cognitive Services in Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 1062-1074.	4.7	12
8	Detection and prediction of traffic accidents using deep learning techniques. Cluster Computing, 2023, 26, 477-493.	3.5	14
9	IIoT Based Trustworthy Demographic Dynamics Tracking With Advanced Bayesian Learning. IEEE Transactions on Network Science and Engineering, 2023, 10, 2745-2754.	4.1	2
10	Lidar Point Cloud Compression, Processing and Learning for Autonomous Driving. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 962-979.	4.7	21
11	Conditional Anonymous Remote Healthcare Data Sharing Over Blockchain. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 2231-2242.	3.9	10
12	Generalized PVOâ€based dynamic block reversible data hiding for secure transmission using firefly algorithm. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3680.	2.6	12
13	A novel dynamic framework to detect DDoS in SDN using metaheuristic clustering. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3622.	2.6	28
14	Antlion re-sampling based deep neural network model for classification of imbalanced multimodal stroke dataset. Multimedia Tools and Applications, 2022, 81, 41429-41453.	2.6	24
15	Blockchain-Based Incentive Energy-Knowledge Trading in IoT: Joint Power Transfer and AI Design. IEEE Internet of Things Journal, 2022, 9, 14685-14698.	5.5	62
16	A survey of security and privacy issues in the Internet of Things from the layered context. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3935.	2.6	55
17	Investigating the Prospect of Leveraging Blockchain and Machine Learning to Secure Vehicular Networks: A Survey. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 683-700.	4.7	56
18	A Deep Learning Based Explainable Control System for Reconfigurable Networks of Edge Devices. IEEE Transactions on Network Science and Engineering, 2022, 9, 7-19.	4.1	5

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19	SDN-Assisted Safety Message Dissemination Framework for Vehicular Critical Energy Infrastructure. IEEE Transactions on Industrial Informatics, 2022, 18, 3510-3518.	7.2	23
20	Information-Centric Wireless Sensor Networking Scheme With Water-Depth-Awareness Content Caching for Underwater IoT. IEEE Internet of Things Journal, 2022, 9, 858-867.	5.5	13
21	An approach to forecast impact of Covidâ€19 using supervised machine learning model. Software - Practice and Experience, 2022, 52, 824-840.	2.5	41
22	Graph embeddingâ€based intelligent industrial decision for complex sewage treatment processes. International Journal of Intelligent Systems, 2022, 37, 10423-10441.	3.3	26
23	Allocation and Migration of Virtual Machines Using Machine Learning. Computers, Materials and Continua, 2022, 70, 3349-3364.	1.5	3
24	Handling Class Imbalance in Online Transaction Fraud Detection. Computers, Materials and Continua, 2022, 70, 2861-2877.	1.5	3
25	Distance Based Pattern Driven Mining for Outlier Detection in High Dimensional Big Dataset. ACM Transactions on Management Information Systems, 2022, 13, 1-17.	2.1	15
26	A Blockchain-Based Shamirâ€™s Threshold Cryptography Scheme for Data Protection in Industrial Internet of Things Settings. IEEE Internet of Things Journal, 2022, 9, 8154-8167.	5.5	62
27	Analyzing fibrous tissue pattern in fibrous dysplasia bone images using deep R-CNN networks for segmentation. Soft Computing, 2022, 26, 7519-7533.	2.1	9
28	AI-Driven Synthetic Biology for Non-Small Cell Lung Cancer Drug Effectiveness-Cost Analysis in Intelligent Assisted Medical Systems. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 5055-5066.	3.9	32
29	Digital Twin Consensus for Blockchain-Enabled Intelligent Transportation Systems in Smart Cities. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 22619-22629.	4.7	27
30	A Decentralized Mechanism Based on Differential Privacy for Privacy-Preserving Computation in Smart Grid. IEEE Transactions on Computers, 2022, 71, 2915-2926.	2.4	9
31	Blockchain-based secure delivery of medical supplies using drones. Computer Networks, 2022, 204, 108706.	3.2	13
32	An efficient CNN-LSTM model for sentiment detection in #BlackLivesMatter. Expert Systems With Applications, 2022, 193, 116256.	4.4	23
33	A Secure and Lightweight Drones-Access Protocol for Smart City Surveillance. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 19634-19643.	4.7	16
34	A Review of NLIDB With Deep Learning: Findings, Challenges and Open Issues. IEEE Access, 2022, 10, 14927-14945.	2.6	6
35	Securing Radio Resources Allocation With Deep Reinforcement Learning for IoE Services in Next-Generation Wireless Networks. IEEE Transactions on Network Science and Engineering, 2022, 9, 2991-3003.	4.1	3
36	Graph-Enabled Intelligent Vehicular Network Data Processing. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 4726-4735.	4.7	9

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37	LBSMT: Load Balancing Switch Migration Algorithm for Cooperative Communication Intelligent Transportation Systems. IEEE Transactions on Green Communications and Networking, 2022, 6, 1386-1395.	3.5	12
38	Artificial Intelligence-Based Energy Efficient Communication System for Intelligent Reflecting Surface-Driven VANETs. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 19714-19726.	4.7	14
39	Effects of haze and dehazing on deep learning-based vision models. Applied Intelligence, 2022, 52, 16334-16352.	3.3	7
40	Modeling Residential Electricity Consumption from Public Demographic Data for Sustainable Cities. Energies, 2022, 15, 2163.	1.6	11
41	IADF-CPS: Intelligent Anomaly Detection Framework towards Cyber Physical Systems. Computer Communications, 2022, 188, 81-89.	3.1	25
42	Smart wireless health care system using graph LSTM pollution prediction and dragonfly node localization. Sustainable Computing: Informatics and Systems, 2022, 35, 100711.	1.6	25
43	Side-Channel Fuzzy Analysis-Based AI Model Extraction Attack With Information-Theoretic Perspective in Intelligent IoT. IEEE Transactions on Fuzzy Systems, 2022, 30, 4642-4656.	6.5	4
44	Detection of Breast Cancer Masses in Mammogram Images with Watershed Segmentation and Machine Learning Approach. , 2022, , 35-60.		8
45	FairHealth: Long-Term Proportional Fairness-Driven 5G Edge Healthcare in Internet of Medical Things. IEEE Transactions on Industrial Informatics, 2022, 18, 8905-8915.	7.2	7
46	Fuzzy-in-the-Loop-Driven Low-Cost and Secure Biometric User Access to Server. IEEE Transactions on Reliability, 2021, 70, 1014-1025.	3.5	15
47	Reinforcement Learning Based Advertising Strategy Using Crowdsensing Vehicular Data. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4635-4647.	4.7	20
48	Real-time image dehazing by superpixels segmentation and guidance filter. Journal of Real-Time Image Processing, 2021, 18, 1555-1575.	2.2	23
49	A single-player Monte Carlo tree search method combined with node importance for virtual network embedding. Annales Des Telecommunications/Annals of Telecommunications, 2021, 76, 297-312.	1.6	1
50	Performance Limits of Visible Light-Based Positioning for Internet-of-Vehicles: Time-Domain Localization Cooperation Gain. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5374-5388.	4.7	24
51	A metaheuristic optimization approach for energy efficiency in the IoT networks. Software - Practice and Experience, 2021, 51, 2558-2571.	2.5	152
52	Stream-Based Authentication Strategy Using IoT Sensor Data in Multi-homing Sub-aqueous Big Data Network. Wireless Personal Communications, 2021, 116, 1217-1229.	1.8	18
53	PARCIV: Recognizing physical activities having complex interclass variations using semantic data of smartphone. Software - Practice and Experience, 2021, 51, 532-549.	2.5	29
54	CorrAUC: A Malicious Bot-IoT Traffic Detection Method in IoT Network Using Machine-Learning Techniques. IEEE Internet of Things Journal, 2021, 8, 3242-3254.	5.5	296

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55	A Parallel Military-Dog-Based Algorithm for Clustering Big Data in Cognitive Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 2134-2142.	7.2	64
56	Energy-Aware Marine Predators Algorithm for Task Scheduling in IoT-Based Fog Computing Applications. IEEE Transactions on Industrial Informatics, 2021, 17, 5068-5076.	7.2	96
57	Robust Spammer Detection Using Collaborative Neural Network in Internet-of-Things Applications. IEEE Internet of Things Journal, 2021, 8, 9549-9558.	5.5	109
58	Trustworthy Edge Storage Orchestration in Intelligent Transportation Systems Using Reinforcement Learning. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4443-4456.	4.7	39
59	Privacy-preserving using homomorphic encryption in Mobile IoT systems. Computer Communications, 2021, 165, 105-111.	3.1	29
60	Energy-Efficient End-to-End Security for Software-Defined Vehicular Networks. IEEE Transactions on Industrial Informatics, 2021, 17, 5730-5737.	7.2	44
61	Intelligent intrusion detection system in smart grid using computational intelligence and machine learning. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4062.	2.6	26
62	Author classification using transfer learning and predicting stars in co‑author networks. Software - Practice and Experience, 2021, 51, 645-669.	2.5	5
63	Energy-Efficient Random Access for LEO Satellite-Assisted 6G Internet of Remote Things. IEEE Internet of Things Journal, 2021, 8, 5114-5128.	5.5	128
64	A Response-Aware Traffic Offloading Scheme Using Regression Machine Learning for User-Centric Large-Scale Internet of Things. IEEE Internet of Things Journal, 2021, 8, 3360-3368.	5.5	30
65	Pulmonary Nodule Classification Based on Heterogeneous Features Learning. IEEE Journal on Selected Areas in Communications, 2021, 39, 574-581.	9.7	30
66	Elastic caching solutions for content dissemination services of ip-based internet technologies prospective. Multimedia Tools and Applications, 2021, 80, 16997-17022.	2.6	4
67	Multi Sensor-Based Implicit User Identification. Computers, Materials and Continua, 2021, 68, 1673-1692.	1.5	1
68	Fuzzy Logic-Based Health Monitoring System for COVID‑19 Patients. Computers, Materials and Continua, 2021, 67, 2431-2447.	1.5	25
69	Medical Diagnosis Using Machine Learning: A Statistical Review. Computers, Materials and Continua, 2021, 67, 107-125.	1.5	25
70	Detecting Wake Lock Leaks in Android Apps Using Machine Learning. IEEE Access, 2021, 9, 125753-125767.	2.6	1
71	URLLC for 5G and Beyond: Requirements, Enabling Incumbent Technologies and Network Intelligence. IEEE Access, 2021, 9, 67064-67095.	2.6	57
72	Prediction Models for COVID-19 Integrating Age Groups, Gender, and Underlying Conditions. Computers, Materials and Continua, 2021, 67, 3009-3044.	1.5	13

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73	A Comprehensive Review on Medical Diagnosis Using Machine Learning. Computers, Materials and Continua, 2021, 67, 1997-2014.	1.5	27
74	Fuzzy Detection System for Rumors Through Explainable Adaptive Learning. IEEE Transactions on Fuzzy Systems, 2021, 29, 3650-3664.	6.5	63
75	IADE: An Improved Differential Evolution Algorithm to Preserve Sustainability in a 6G Network. IEEE Transactions on Green Communications and Networking, 2021, 5, 1747-1760.	3.5	11
76	Efficient and Secure Data Sharing for 5G Flying Drones: A Blockchain-Enabled Approach. IEEE Network, 2021, 35, 130-137.	4.9	149
77	Localizing pedestrians in indoor environments using magnetic field data with term frequency paradigm and deep neural networks. International Journal of Machine Learning and Cybernetics, 2021, 12, 3203-3219.	2.3	10
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79	A decentralized vehicle anti-theft system using Blockchain and smart contracts. Peer-to-Peer Networking and Applications, 2021, 14, 2775-2788.	2.6	15
80	Decentralized Opportunistic Channel Access in CRNs Using Big-Data Driven Learning Algorithm. IEEE Transactions on Emerging Topics in Computational Intelligence, 2021, 5, 57-69.	3.4	6
81	Do digital students show an inclination toward continuous use of academic library applications? A case study. Journal of Academic Librarianship, 2021, 47, 102298.	1.3	20
82	SDN-Enabled Adaptive and Reliable Communication in IoT-Fog Environment Using Machine Learning and Multiobjective Optimization. IEEE Internet of Things Journal, 2021, 8, 3057-3065.	5.5	37
83	Privacy-preserving hierarchical deterministic key generation based on a lattice of rings in public blockchain. Peer-to-Peer Networking and Applications, 2021, 14, 2813-2825.	2.6	20
84	Securing Collaborative Environment Monitoring in Smart Cities Using Blockchain Enabled Software-Defined Internet of Drones. IEEE Internet of Things Magazine, 2021, 4, 12-18.	2.0	29
85	Guest Editorial: Cognitive Analytics of Social Media for Industrial Manufacturing. IEEE Transactions on Industrial Informatics, 2021, 17, 2899-2901.	7.2	3
86	An efficient medium access control protocol for RF energy harvesting based IoT devices. Computer Communications, 2021, 171, 28-38.	3.1	10
87	GCACS-IoD: A certificate based generic access control scheme for Internet of drones. Computer Networks, 2021, 191, 107999.	3.2	40
88	DIDDOS: An approach for detection and identification of Distributed Denial of Service (DDoS) cyberattacks using Gated Recurrent Units (GRU). Future Generation Computer Systems, 2021, 118, 453-466.	4.9	88
89	AV-CPS: Audio Visual Cognitive Processing System for Critical Intervention in Autonomous Vehicles. , 2021, , .		3
90	Dynamic Scheduling Algorithm in Cyber Mimic Defense Architecture of Volunteer Computing. ACM Transactions on Internet Technology, 2021, 21, 1-33.	3.0	15

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91	Throughput Maximization for Energy Harvesting based Relay Cooperative Backscattering Transmission. , 2021, , .		2
92	Robust Electronic Nose in Industrial Cyber Physical Systems based on Domain Adaptive Subspace Transfer Model. , 2021, , .		2
93	FinPrivacy: A Privacy-preserving Mechanism for Fingerprint Identification. ACM Transactions on Internet Technology, 2021, 21, 1-15.	3.0	13
94	Reinforcement-Learning-Enabled Massive Internet of Things for 6G Wireless Communications. IEEE Communications Standards Magazine, 2021, 5, 126-131.	3.6	13
95	Guest Editorial Advanced Sensing and Sensor Fusion for Intelligent Transportation Systems. IEEE Sensors Journal, 2021, 21, 15425-15426.	2.4	5
96	IIS: Intelligent Identification Scheme of Massive IoT Devices. , 2021, , .		1
97	Efficient and Secured Swarm Pattern Multi-UAV Communication. IEEE Transactions on Vehicular Technology, 2021, 70, 7050-7058.	3.9	33
98	A Federated Reinforcement Learning Framework for Incumbent Technologies in Beyond 5G Networks. IEEE Network, 2021, 35, 152-159.	4.9	26
99	Blockchain-Based Trust Edge Knowledge Inference of Multi-Robot Systems for Collaborative Tasks. IEEE Communications Magazine, 2021, 59, 94-100.	4.9	24
100	A three-dimensional clustered peer-to-peer overlay protocol for mobile ad hoc networks. Computers and Electrical Engineering, 2021, 94, 107364.	3.0	3
101	Leveraging Graph Convolutional-LSTM for Energy-Efficient Caching in Blockchain-Based Green IoT. IEEE Transactions on Green Communications and Networking, 2021, 5, 1154-1164.	3.5	27
102	Machine-Learning-Based Efficient and Secure RSU Placement Mechanism for Software-Defined-IoV. IEEE Internet of Things Journal, 2021, 8, 13950-13957.	5.5	39
103	When Internet of Things Meets e-Health: An Indoor Temperature Monitoring and Control Approach. IEEE Internet of Things Magazine, 2021, 4, 12-16.	2.0	4
104	Effective malware detection scheme based on classified behavior graph in IIoT. Ad Hoc Networks, 2021, 120, 102558.	3.4	12
105	Robust Multimodal Representation Learning With Evolutionary Adversarial Attention Networks. IEEE Transactions on Evolutionary Computation, 2021, 25, 856-868.	7.5	12
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107	E-CIS: Edge-based classifier identification scheme in green & sustainable IoT smart city. Sustainable Cities and Society, 2021, 75, 103312.	5.1	4
108	On the Design and Implementation of a Blockchain Enabled E-Voting Application Within IoT-Oriented Smart Cities. IEEE Access, 2021, 9, 34165-34176.	2.6	65

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110	Multi-Modal Data Analysis Based Game Player Experience Modeling Using LSTM-DNN. Computers, Materials and Continua, 2021, 68, 4087-4108.	1.5	1
111	A blockchain-based Shamir's threshold cryptography for data protection in industrial internet of things of smart city. , 2021, , .		11
112	ResMem-Net: memory based deep CNN for image memorability estimation. PeerJ Computer Science, 2021, 7, e767.	2.7	2
113	Securing Critical Infrastructures: Deep-Learning-Based Threat Detection in IIoT. IEEE Communications Magazine, 2021, 59, 76-82.	4.9	139
114	A Physical Capture Resistant Authentication Scheme for the Internet of Drones. IEEE Communications Standards Magazine, 2021, 5, 62-67.	3.6	10
115	SDN-assisted efficient LTE-WiFi aggregation in next generation IoT networks. Future Generation Computer Systems, 2020, 107, 898-908.	4.9	24
116	Quality of Service Provisioning for Heterogeneous Services in Cognitive Radio-Enabled Internet of Things. IEEE Transactions on Network Science and Engineering, 2020, 7, 328-342.	4.1	47
117	A context-aware encryption protocol suite for edge computing-based IoT devices. Journal of Supercomputing, 2020, 76, 2548-2567.	2.4	9
118	Investigating the Acceptance of Mobile Library Applications with an Extended Technology Acceptance Model (TAM). Computers and Education, 2020, 145, 103732.	5.1	182
119	Towards sFlow and adaptive polling sampling for deep learning based DDoS detection in SDN. Future Generation Computer Systems, 2020, 111, 763-779.	4.9	113
120	Blockchain-enabled multimedia in industrial IoT. Multimedia Tools and Applications, 2020, 79, 9709-9709.	2.6	3
121	Learning-Based Context-Aware Resource Allocation for Edge-Computing-Empowered Industrial IoT. IEEE Internet of Things Journal, 2020, 7, 4260-4277.	5.5	197
122	Differentially Private High-Dimensional Data Publication in Internet of Things. IEEE Internet of Things Journal, 2020, 7, 2640-2650.	5.5	28
123	A Quantum-Safe Key Hierarchy and Dynamic Security Association for LTE/SAE in 5G Scenario. IEEE Transactions on Industrial Informatics, 2020, 16, 681-690.	7.2	39
124	SoftSystem: Smart Edge Computing Device Selection Method for IoT Based on Soft Set Technique. Wireless Communications and Mobile Computing, 2020, 2020, 1-10.	0.8	7
125	COVID-19 Patient Health Prediction Using Boosted Random Forest Algorithm. Frontiers in Public Health, 2020, 8, 357.	1.3	339
126	A New Chaotic Map With Dynamic Analysis and Encryption Application in Internet of Health Things. IEEE Access, 2020, 8, 137731-137744.	2.6	109

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127	Uplink Pilot Power Allocation for MA-MIMO-HetNet Remote Health Systems. , 2020, , .		0
128	Recruitment algorithms for vehicular sensor networks. Computer Communications, 2020, 159, 9-14.	3.1	1
129	SDN-enabled Traffic Alert System for IoV in Smart Cities. , 2020, , .		19
130	AI-Powered Blockchain - A Decentralized Secure Multiparty Computation Protocol for IoV. , 2020, , .		40
131	Efficient equalisers for OFDM and DFrFT-OCDM multicarrier systems in mobile E-health video broadcasting with machine learning perspectives. Physical Communication, 2020, 42, 101173.	1.2	15
132	Edge Computing to Secure IoT Data Ownership and Trade with the Ethereum Blockchain. Sensors, 2020, 20, 3965.	2.1	37
133	Proof-of-Balance: Game-Theoretic Consensus for Controller Load Balancing of SDN. , 2020, , .		2
134	Smart User Pairing for Massive MIMO Enabled Industrial IoT Communications. , 2020, , .		4
135	IoT malicious traffic identification using wrapper-based feature selection mechanisms. Computers and Security, 2020, 94, 101863.	4.0	165
136	Millimeter-Wave Communication for Internet of Vehicles: Status, Challenges, and Perspectives. IEEE Internet of Things Journal, 2020, 7, 8525-8546.	5.5	124
137	Revisiting the High-Performance Reconfigurable Computing for Future Datacenters. Future Internet, 2020, 12, 64.	2.4	11
138	A review on classification of imbalanced data for wireless sensor networks. International Journal of Distributed Sensor Networks, 2020, 16, 155014772091640.	1.3	94
139	Providing End-to-End Security Using Quantum Walks in IoT Networks. IEEE Access, 2020, 8, 92687-92696.	2.6	65
140	Adaptive Bitrate Video Transmission Over Cognitive Radio Networks Using Cross Layer Routing Approach. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 935-945.	4.9	19
141	Amateur Drones Detection: A machine learning approach utilizing the acoustic signals in the presence of strong interference. Computer Communications, 2020, 154, 236-245.	3.1	29
142	DITrust Chain: Towards Blockchain-Based Trust Models for Sustainable Healthcare IoT Systems. IEEE Access, 2020, 8, 111223-111238.	2.6	211
143	Cognitive Popularity Based AI Service Sharing for Software-Defined Information-Centric Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 2126-2136.	4.1	14
144	Blockchain-Enabled Reliable Osmotic Computing for Cloud of Things: Applications and Challenges. IEEE Internet of Things Magazine, 2020, 3, 63-67.	2.0	11

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146	Collaborative Trust Blockchain Based Unbiased Control Transfer Mechanism for Industrial Automation. IEEE Transactions on Industry Applications, 2020, , 1-1.	3.3	32
147	WLAN Aware Cognitive Medium Access Control Protocol for IoT Applications. Future Internet, 2020, 12, 11.	2.4	8
148	Intelligent Reward-Based Data Offloading in Next-Generation Vehicular Networks. IEEE Internet of Things Journal, 2020, 7, 3747-3758.	5.5	55
149	Realizing an Efficient IoMT-Assisted Patient Diet Recommendation System Through Machine Learning Model. IEEE Access, 2020, 8, 28462-28474.	2.6	119
150	Chaosâ€based privacy preserving vehicle safety protocol for 5G Connected Autonomous Vehicle networks. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3966.	2.6	23
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152	Data mining and machine learning methods for sustainable smart cities traffic classification: A survey. Sustainable Cities and Society, 2020, 60, 102177.	5.1	148
153	Implicit Feedback-based Group Recommender System for Internet of Things Applications. , 2020, , .		3
154	IoT-enabled directed acyclic graph in spark cluster. Journal of Cloud Computing: Advances, Systems and Applications, 2020, 9, .	2.1	4
155	Socio-Technological Factors Affecting Userâ€™s Adoption of eHealth Functionalities: A Case Study of China and Ukraine eHealth Systems. IEEE Access, 2019, 7, 90777-90788.	2.6	54
156	Robust Navigational Control of a Two-Wheeled Self-Balancing Robot in a Sensed Environment. IEEE Access, 2019, 7, 82337-82348.	2.6	36
157	An Efficient Ensemble VTOPES Multi-Criteria Decision-Making Model for Sustainable Sugarcane Farms. Sustainability, 2019, 11, 4288.	1.6	17
158	DCS: Distributed Caching Strategy at the Edge of Vehicular Sensor Networks in Information-Centric Networking. Sensors, 2019, 19, 4407.	2.1	18
159	A hybrid egocentric video summarization method to improve the healthcare for Alzheimer patients. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 4197-4206.	3.3	11
160	Stochastic game-based dynamic information delivery system for wireless cooperative networks. Future Generation Computer Systems, 2019, 95, 277-291.	4.9	3
161	Guest Editorial: Exploring IoT Systems in Businesses: Frameworks, Use Cases, Policies, Protocols and Services. IET Networks, 2019, 8, 1-2.	1.1	1
162	Detail-preserving switching algorithm for the removal of random-valued impulse noise. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3925-3945.	3.3	13

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164	An optimal multitier resource allocation of cloud RAN in 5G using machine learning. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3627.	2.6	58
165	Optimal Haptic Communications Over Nanonetworks for E-Health Systems. IEEE Transactions on Industrial Informatics, 2019, 15, 3016-3027.	7.2	33
166	Performance Analysis of FD-NOMA-Based Decentralized V2X Systems. IEEE Transactions on Communications, 2019, 67, 5024-5036.	4.9	109
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170	Hybrid Fuzzy Logic Scheme for Efficient Channel Utilization in Cognitive Radio Networks. IEEE Access, 2019, 7, 24463-24476.	2.6	48
171	Mirage: A Protocol for Decentralized and Secured Communication of IoT Devices. , 2019, , .		0
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173	Performance Analysis of Decentralized V2X System with FD-NOMA. , 2019, , .		7
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175	Fog-Assisted Cooperative Protocol for Traffic Message Transmission in Vehicular Networks. IEEE Access, 2019, 7, 166148-166156.	2.6	32
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177	A twofold sink-based data collection in wireless sensor network for sustainable cities. Sustainable Cities and Society, 2019, 45, 1-7.	5.1	11
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179	Stuck-at Fault Analytics of IoT Devices Using Knowledge-based Data Processing Strategy in Smart Grid. Wireless Personal Communications, 2019, 106, 1969-1983.	1.8	18
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