

Danda B Rawat

List of Publications by Year in descending order

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278
papers

5,245
citations

136950

32
h-index

138484

58
g-index

287
all docs

287
docs citations

287
times ranked

4310
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep-Learning-Based Concurrent Resource Allocation Method for Improving the Service Response of 6G Network-in-Box Users in UAV. IEEE Internet of Things Journal, 2023, 10, 3130-3137.	8.7	6
2	Ensemble Deep Learning for Sustainable Multimodal UAV Classification. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 15425-15434.	8.0	6
3	A Comprehensive Survey on Imputation of Missing Data in Internet of Things. ACM Computing Surveys, 2023, 55, 1-38.	23.0	15
4	Enabling accurate indoor localization for different platforms for smart cities using a transfer learning algorithm. Internet Technology Letters, 2022, 5, e200.	1.9	9
5	Fuzzy-Logic-Based Privacy-Aware Dynamic Release of IoT-Enabled Healthcare Data. IEEE Internet of Things Journal, 2022, 9, 4411-4420.	8.7	6
6	Secure, Privacy Preserving, and Verifiable Federating Learning Using Blockchain for Internet of Vehicles. IEEE Consumer Electronics Magazine, 2022, 11, 67-74.	2.3	20
7	AI-Assisted Service Virtualization and Flow Management Framework for 6G-Enabled Cloud-Software-Defined Network-Based IoT. IEEE Internet of Things Journal, 2022, 9, 14644-14654.	8.7	17
8	FedLearnSP: Preserving Privacy and Security Using Federated Learning and Edge Computing. IEEE Consumer Electronics Magazine, 2022, 11, 21-27.	2.3	17
9	Scalable Service-Driven Database-Enabled Wireless Network Virtualization for Robust RF Sharing. IEEE Transactions on Services Computing, 2022, 15, 3008-3018.	4.6	2
10	Improved Deep Convolutional Neural Network Based Malicious Node Detection and Energy-Efficient Data Transmission in Wireless Sensor Networks. IEEE Transactions on Network Science and Engineering, 2022, 9, 3272-3281.	6.4	66
11	Big data analytics in Industry 4.0 ecosystems. Software - Practice and Experience, 2022, 52, 639-641.	3.6	3
12	Unprecedented Smart Algorithm for Uninterrupted SDN Services During DDoS Attack. Computers, Materials and Continua, 2022, 70, 875-894.	1.9	8
13	New Modified Controlled Bat Algorithm for Numerical Optimization Problem. Computers, Materials and Continua, 2022, 70, 2241-2259.	1.9	32
14	TollsOnly Please”Homomorphic Encryption for Toll Transponder Privacy in Internet of Vehicles. IEEE Internet of Things Journal, 2022, 9, 2627-2636.	8.7	13
15	On the Performance of Machine Learning Models for Anomaly-Based Intelligent Intrusion Detection Systems for the Internet of Things. IEEE Internet of Things Journal, 2022, 9, 4280-4290.	8.7	36
16	Gradient Ascent Algorithm for Enhancing Secrecy Rate in Wireless Communications for Smart Grid. IEEE Transactions on Green Communications and Networking, 2022, 6, 107-116.	5.5	8
17	Hidden-Markov-Model-Enabled Prediction and Visualization of Cyber Agility in IoT Era. IEEE Internet of Things Journal, 2022, 9, 9117-9127.	8.7	11
18	SmartIDS: A Comparative Study of Intelligent Intrusion Detection Systems for Internet of Things. Lecture Notes in Networks and Systems, 2022, , 420-438.	0.7	1

#	ARTICLE	IF	CITATIONS
19	Recent Advances in Trustworthy Explainable Artificial Intelligence: Status, Challenges, and Perspectives. IEEE Transactions on Artificial Intelligence, 2022, 3, 852-866.	4.7	44
20	Dynamic Clustering in IoV Using Behavioral Parameters and Contention Window Adaptation. IEEE Transactions on Vehicular Technology, 2022, 71, 2031-2040.	6.3	7
21	Dynamic Resource Allocation for IRS Assisted Energy Harvesting Systems With Statistical Delay Constraint. IEEE Transactions on Vehicular Technology, 2022, 71, 2158-2163.	6.3	3
22	Comparative Research Directions of Population Initialization Techniques using PSO Algorithm. Intelligent Automation and Soft Computing, 2022, 32, 1427-1444.	2.1	15
23	Advances on networked ehealth information access and sharing: Status, challenges and prospects. Computer Networks, 2022, 204, 108687.	5.1	6
24	Optimizing Gradient Methods for IoT Applications. IEEE Internet of Things Journal, 2022, 9, 13694-13704.	8.7	0
25	A Survey on Data-Driven Learning for Intelligent Network Intrusion Detection Systems. Electronics (Switzerland), 2022, 11, 213.	3.1	6
26	Recent Advances on Federated Learning for Cybersecurity and Cybersecurity for Federated Learning for Internet of Things. IEEE Internet of Things Journal, 2022, 9, 8229-8249.	8.7	129
27	Mitigation of black hole attacks using firefly and artificial neural network. Neural Computing and Applications, 2022, 34, 15101-15111.	5.6	7
28	Analyzing RNA-Seq Gene Expression Data Using Deep Learning Approaches for Cancer Classification. Applied Sciences (Switzerland), 2022, 12, 1850.	2.5	28
29	On the Performance of Generative Adversarial Network by Limiting Mode Collapse for Malware Detection Systems. Sensors, 2022, 22, 264.	3.8	4
30	Intelligent Approach to Network Device Migration Planning towards Software-Defined IPv6 Networks. Sensors, 2022, 22, 143.	3.8	0
31	Recent Advances in Artificial Intelligence for Wireless Internet of Things and Cyber-Physical Systems: A Comprehensive Survey. IEEE Internet of Things Journal, 2022, 9, 12916-12930.	8.7	19
32	GTSM--Graph-Transient Security Model for Intelligent Transportation System Information Exchange. IEEE Transactions on Intelligent Transportation Systems, 2022, , 1-10.	8.0	0
33	On the Performance of Partial RIS Selection vs. Partial Relay Selection for Vehicular Communications. IEEE Transactions on Vehicular Technology, 2022, 71, 9475-9489.	6.3	14
34	Adaptive Energy Efficient Circular Spinning Protocol for Dynamic Cluster Based UWSNs. IEEE Access, 2022, 10, 61937-61950.	4.2	5
35	ANAF-IoMT: A Novel Architectural Framework for IoMT-Enabled Smart Healthcare System by Enhancing Security Based on RECC-VC. IEEE Transactions on Industrial Informatics, 2022, 18, 8936-8943.	11.3	36
36	Reconfigurable Intelligent Surface Selection for Wireless Vehicular Communications. IEEE Wireless Communications Letters, 2022, 11, 1743-1747.	5.0	7

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37	Phishing Attack Detection with ML-Based Siamese Empowered ORB Logo Recognition and IP Mapper. , 2022, , .		1
38	Constructing Domain Ontology for Alzheimer Disease Using Deep Learning Based Approach. Electronics (Switzerland), 2022, 11, 1890.	3.1	22
39	Guest Editorial: Special Section on Edge Intelligence for Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2022, , 1-4.	11.3	0
40	Deep Learning for Secure Transmission in Wireless Communication Networks. , 2022, , .		0
41	Cybersecurity in Big Data Era: From Securing Big Data to Data-Driven Security. IEEE Transactions on Services Computing, 2021, 14, 2055-2072.	4.6	64
42	Migration cost optimization for service provider legacy network migration to software-defined IPv6 network. International Journal of Network Management, 2021, 31, e2145.	2.2	12
43	On the Blockchain-Based Decentralized Data Sharing for Event Based Encryption to Combat Adversarial Attacks. IEEE Transactions on Network Science and Engineering, 2021, 8, 1033-1043.	6.4	9
44	Volcano eruption algorithm for solving optimization problems. Neural Computing and Applications, 2021, 33, 2321-2337.	5.6	17
45	On the Elliptic Curve Cryptography for Privacy-Aware Secure ACO-AODV Routing in Intent-Based Internet of Vehicles for Smart Cities. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5050-5059.	8.0	19
46	Blockchain-Based Adaptive Trust Management in Internet of Vehicles Using Smart Contract. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3616-3630.	8.0	74
47	Novel metaheuristic based on multiverse theory for optimization problems in emerging systems. Applied Intelligence, 2021, 51, 3275-3292.	5.3	8
48	Resilient Machine Learning for Networked Cyber Physical Systems: A Survey for Machine Learning Security to Securing Machine Learning for CPS. IEEE Communications Surveys and Tutorials, 2021, 23, 524-552.	39.4	97
49	Reinforcement Learning for IoT Security: A Comprehensive Survey. IEEE Internet of Things Journal, 2021, 8, 8693-8706.	8.7	76
50	Toward Bias Analysis Using Tweets and Natural Language Processing. , 2021, , .		4
51	ANFIS based Classification Model for Network Device Migration towards SoDIP6 Networks. , 2021, , .		1
52	Cyber Deception for Wireless Network Virtualization Using Stackelberg Game Theory. , 2021, , .		1
53	IEEE Access Special Section Editorial: Emerging Trends, Issues, and Challenges in Underwater Acoustic Sensor Networks. IEEE Access, 2021, 9, 5862-5869.	4.2	1
54	Intelligent Framework Using IoT-Based WSNs for Wildfire Detection. IEEE Access, 2021, 9, 48185-48196.	4.2	50

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55	Design of Morlet Wavelet Neural Network for Solving a Class of Singular Pantograph Nonlinear Differential Models. IEEE Access, 2021, 9, 77845-77862.	4.2	45
56	Mitigating Data Poisoning Attacks On a Federated Learning-Edge Computing Network. , 2021, , .		13
57	Artificial Intelligence Assisted Wireless Resource Allocation for Wireless Network Virtualization. , 2021, , .		0
58	Attacks and Anomaly Detection in IoT Network Using Machine Learning. Communications in Computer and Information Science, 2021, , 465-472.	0.5	2
59	Federated Learning with Differential Privacy for Resilient Vehicular Cyber Physical Systems. , 2021, , .		17
60	Study of Machine Learning for Cloud Assisted IoT Security as a Service. Sensors, 2021, 21, 1034.	3.8	19
61	Journal of Cybersecurity and Privacy: A New Open Access Journal. Journal of Cybersecurity and Privacy, 2021, 1, 195-198.	3.9	1
62	Anomaly Detection in Smart Home Networks Using Kalman Filter. , 2021, , .		3
63	Adversarial Machine Learning for Inferring Augmented Cyber Agility Prediction. , 2021, , .		0
64	Combating Distance Limitation in Sub-Terahertz Frequency Band for Physical Layer Security in UAV Communications. , 2021, , .		7
65	Evolutionary Integrated Heuristic with Gudermannian Neural Networks for Second Kind of Laneâ€œEmden Nonlinear Singular Models. Applied Sciences (Switzerland), 2021, 11, 4725.	2.5	25
66	On the Security of Cyber-Physical Robotic Systems Using Dynamic Modeling and Simulation. , 2021, , .		0
67	Prediction and Detection of Cyberattacks using AI Model in Virtualized Wireless Networks. , 2021, , .		3
68	PLS for V2I Communications Using Friendly Jammer and Double kappa-mu Shadowed Fading. , 2021, , .		14
69	Learning Model for Cyber-attack Index Based Virtual Wireless Network Selection. , 2021, , .		1
70	Data-Driven Shortest Anypath in Wireless Network Virtualization for Mobile Cyber Physical Systems. , 2021, , .		0
71	Energy-Efficient Multivariate Privacy-Aware RF Spectrum Reservation in Wireless Virtualization for Wireless Internet of Things. IEEE Transactions on Green Communications and Networking, 2021, 5, 682-692.	5.5	4
72	LSTM-RNN Based Sentiment Analysis to Monitor COVID-19 Opinions using Social Media Data. , 2021, , .		9

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73	ASAP: Anti-Spoofing Aphorism Using Path-analysis. , 2021, , .		2
74	Preventing COVID-19 Spread Using Information and Communication Technology. IEEE Consumer Electronics Magazine, 2021, 10, 18-27.	2.3	14
75	Game theory-based attack and defense analysis in virtual wireless networks with jammers and eavesdroppers. Digital Communications and Networks, 2021, 7, 327-334.	5.0	4
76	Comparative Analysis of Low Discrepancy Sequence-Based Initialization Approaches Using Population-Based Algorithms for Solving the Global Optimization Problems. Applied Sciences (Switzerland), 2021, 11, 7591.	2.5	54
77	Secure Surveillance Systems Using Partial-Regeneration-Based Non-Dominated Optimization and 5D-Chaotic Map. Symmetry, 2021, 13, 1447.	2.2	24
78	Studying the Impact of Initialization for Population-Based Algorithms with Low-Discrepancy Sequences. Applied Sciences (Switzerland), 2021, 11, 8190.	2.5	15
79	Guest Editorial: Special Section on Transfer Learning for 5G-Aided Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 7070-7074.	11.3	7
80	Heuristic computational design of Morlet wavelet for solving the higher order singular nonlinear differential equations. AEJ - Alexandria Engineering Journal, 2021, 60, 5935-5947.	6.4	46
81	Sharding-Enabled Blockchain for Software-Defined Internet of Unmanned Vehicles in the Battlefield. IEEE Network, 2021, 35, 101-107.	6.9	13
82	Trust-Based Adversarial Resiliency in Vehicular Cyber Physical Systems Using Reinforcement Learning. Communications in Computer and Information Science, 2021, , 139-151.	0.5	0
83	Privacy Preserving Misbehavior Detection in IoV Using Federated Machine Learning. , 2021, , .		57
84	Numerical Study of the Environmental and Economic System through the Computational Heuristic Based on Artificial Neural Networks. Sensors, 2021, 21, 6567.	3.8	7
85	Replication based Crowd Sensing for Optimal Service Response in 5G Communications using Information-Centric Wireless Sensor Networks. , 2021, , .		2
86	Wi-Fi Based Accurate Indoor Localization System using SVM and LSTM Algorithms. , 2021, , .		5
87	Recent Advances in Socially Relevant Computing: Status and Perspectives. , 2021, , .		0
88	Improved Opposition-Based Particle Swarm Optimization Algorithm for Global Optimization. Symmetry, 2021, 13, 2280.	2.2	15
89	Physical Layer Security for V2I Communications: Reflecting Surfaces Vs. Relaying. , 2021, , .		6
90	Data-Driven Quickest Change Detection for Securing Federated Learning for Internet-of-Vehicles. , 2021, , .		1

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91	Mitigating Poisoning Attack in Federated Learning. , 2021, , .		6
92	Evaluating Machine Learning Classifiers for Data Sharing in Internet of Battlefield Things. , 2021, , .		0
93	Energy Efficient Dynamic Task Offloading for Blockchain-enabled Virtual Wireless Networks. , 2021, , .		0
94	Jamming Impact on Wireless Resource Allocation in Wireless Virtualization. , 2021, , .		0
95	Homomorphic Encryption Reference Model for Mobile Cyber Physical Systems. , 2021, , .		0
96	Asynchronous Advantage Actor-Critic (A3C) Learning for Cognitive Network Security. , 2021, , .		5
97	Deep Transfer Learning for Physical Layer Security in Wireless Communication Systems. , 2021, , .		3
98	Deep Learning for Cyber Deception in Wireless Networks. , 2021, , .		6
99	Evolutionary Dynamics of Service Provider Legacy Network Migration to Software Defined IPv6 Network. Advances in Intelligent Systems and Computing, 2020, , 245-257.	0.6	4
100	Towards energy efficiency and green network infrastructure deployment in Nepal using software defined IPv6 network paradigm. Electronic Journal of Information Systems in Developing Countries, 2020, 86, e12114.	1.4	12
101	Recent advances in mobile edge computing and content caching. Digital Communications and Networks, 2020, 6, 189-194.	5.0	73
102	Wireless Virtualization Architecture: Wireless Networking for Internet of Things. IEEE Internet of Things Journal, 2020, 7, 5946-5953.	8.7	26
103	Editorial: Multimedia and Social Data Processing in Vehicular Networks. Mobile Networks and Applications, 2020, 25, 620-622.	3.3	0
104	An efficient blockchain-based approach for cooperative decision making in swarm robotics. Internet Technology Letters, 2020, 3, e140.	1.9	30
105	Prediction Based Adaptive RF Spectrum Reservation in Wireless Virtualization. , 2020, , .		4
106	Efficient classification model of web news documents using machine learning algorithms for accurate information. Computers and Security, 2020, 98, 102006.	6.0	15
107	Blockchain Technology: Emerging Applications and Use Cases for Secure and Trustworthy Smart Systems. Journal of Cybersecurity and Privacy, 2020, 1, 4-18.	3.9	61
108	Dependable Adaptive Mobility in Vehicular Networks for Resilient Mobile Cyber Physical Systems. , 2020, , .		4

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109	MPFSLP: Masqueraded Probabilistic Flooding for Source-Location Privacy in VANETs. IEEE Transactions on Vehicular Technology, 2020, 69, 11383-11393.	6.3	16
110	Study of Adversarial Machine Learning with Infrared Examples for Surveillance Applications. Electronics (Switzerland), 2020, 9, 1284.	3.1	15
111	Legacy Network Integration with SDN-IP Implementation towards a Multi-Domain SoDIP6 Network Environment. Electronics (Switzerland), 2020, 9, 1454.	3.1	9
112	A Novel AI-enabled Framework to Diagnose Coronavirus COVID-19 using Smartphone Embedded Sensors: Design Study. , 2020, , .		181
113	Edge Computing Intelligence Using Robust Feature Selection for Network Traffic Classification in Internet-of-Things. IEEE Access, 2020, 8, 224059-224070.	4.2	13
114	Evolutionary gaming approach for decision making of Tier-3 Internet service provider networks migration to SoDIP6 networks. International Journal of Communication Systems, 2020, 33, e4399.	2.5	11
115	Machine Learning for RF Slicing Using CSI Prediction in Software Defined Large-Scale MIMO Wireless Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 2137-2144.	6.4	4
116	Blockchain Enabled Named Data Networking for Secure Vehicle-to-Everything Communications. IEEE Network, 2020, 34, 185-189.	6.9	32
117	Fusion of Named Data Networking and Blockchain for Resilient Internet-of-Battlefield-Things. , 2020, , .		6
118	IFLBC: On the Edge Intelligence Using Federated Learning Blockchain Network. , 2020, , .		10
119	Editorial: Industrial Internet: Security, Architectures, and Technologies. IEEE Transactions on Industrial Informatics, 2020, 16, 4219-4220.	11.3	3
120	Affordable Broadband with Software Defined IPv6 Network for Developing Rural Communities. Applied System Innovation, 2020, 3, 4.	4.6	6
121	CyVi: Visualization of Cyber-Attack and Defense Effects in Geographically Referenced Networks. , 2020, , .		6
122	Deceptor-in-the-Middle (DitM): Cyber Deception for Security in Wireless Network Virtualization. , 2020, , .		5
123	Introduction to the Special Section on Network Science for Internet of Things (IoT). IEEE Transactions on Network Science and Engineering, 2020, 7, 237-238.	6.4	4
124	Mobility Data-Driven Wireless Network Virtualization for Mobile Cyber Physical System. , 2020, , .		0
125	Energy-Constrained Standby-Sparing for Weakly Hard Real-Time Systems. , 2020, , .		2
126	Machine Learning Enabled Sentiment Index Estimation Using Social Media Big Data. , 2020, , .		1

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127	Quantum Adversarial Machine Learning: Status, Challenges and Perspectives. , 2020, , .		7
128	LightChain: On the Lightweight Blockchain for the Internet-of-Things. , 2019, , .		19
129	On the machine learning-based smart beamforming for wireless virtualization with large-scale MIMO system. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3713.	3.9	11
130	Towards Federated Learning Approach to Determine Data Relevance in Big Data. , 2019, , .		25
131	Fusion of Software Defined Networking, Edge Computing, and Blockchain Technology for Wireless Network Virtualization. IEEE Communications Magazine, 2019, 57, 50-55.	6.1	60
132	Maximizing Secrecy Rate and Payoff Through Wireless Virtualization in Heterogeneous Wireless Networks. , 2019, , .		1
133	Solutions for adopting software defined network in practice. International Journal of Communication Systems, 2019, 32, e3990.	2.5	6
134	Wireless Network Virtualization by Leveraging Blockchain Technology and Machine Learning. , 2019, , .		9
135	Recommendations for Energy Efficient SoDIP6 Network Deployment at the Early Stage Rural ICT Expansion of Nepal. , 2019, , .		3
136	Automatic Spam Detection on Gulf Dialectical Arabic Tweets. , 2019, , .		11
137	Intelligent Multi-Camera Video Surveillance System for Smart City Applications. , 2019, , .		21
138	Smart Traffic Management System using Deep Learning for Smart City Applications. , 2019, , .		22
139	Data Validation and Correction for Resiliency in Mobile Cyber-Physical Systems. , 2019, , .		3
140	Security Analysis in Context-Aware Distributed Storage and Query Processing in Hybrid Cloud Framework. , 2019, , .		2
141	On the wireless virtualization with QoE constraints. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3573.	3.9	4
142	Dynamic RF Allocation for Improved Service Provisioning in Wireless Virtualization Enabled Networks. , 2019, , .		0
143	Comparative Study of Machine Learning Algorithms for SMS Spam Detection. , 2019, , .		17
144	Software-Defined Networking for Unmanned Aerial Vehicular Networking and Security: A Survey. Electronics (Switzerland), 2019, 8, 1468.	3.1	42

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145	Payoff Optimization Through Wireless Network Virtualization for IoT Applications: A Three Layer Game Approach. IEEE Internet of Things Journal, 2019, 6, 2797-2805.	8.7	44
146	Quality of Service Aware Routing Protocol in Software-Defined Internet of Vehicles. IEEE Internet of Things Journal, 2019, 6, 2817-2828.	8.7	34
147	Big Data in Cybersecurity for Smart City Applications. , 2019, , 103-112.		8
148	Performance evaluation of deception system for deceiving cyber adversaries in adaptive virtualized wireless networks. , 2019, , .		4
149	Imminent Communication Technologies for Smart Communities: Part 1. , 2018, 56, 76-76.		1
150	Next-generation cybersecurity through a blockchain-enabled federated cloud framework. Journal of Supercomputing, 2018, 74, 5099-5126.	3.6	31
151	On the performance of cognitive internet-of-vehicles with unlicensed user-mobility and licensed user-activity. Computer Networks, 2018, 137, 98-106.	5.1	26
152	Bayesian Reasoning Based Malicious Data Discovery on Gulf-Dialectical Arabic Tweets. , 2018, , .		0
153	Group-Query-as-a-Service for Secure Low-Latency Opportunistic RF Spectrum Access in Mobile Edge Computing Enabled Wireless Networks. , 2018, , .		2
154	Joint Cost Estimation Approach for Service Provider Legacy Network Migration to Unified Software Defined IPv6 Network. , 2018, , .		6
155	Editorial on Wireless Networking Technologies for Smart Cities. Wireless Communications and Mobile Computing, 2018, 2018, 1-3.	1.2	2
156	SDN, NFV, and Mobile Edge Computing with QoE Support for 5G. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3536.	3.9	1
157	Aggregated-Query-as-a-Secure-Service for RF Spectrum Database-Driven Opportunistic Wireless Communications. , 2018, , .		0
158	iShare: Blockchain-Based Privacy-Aware Multi-Agent Information Sharing Games for Cybersecurity. , 2018, , .		31
159	Leveraging Distributed Blockchain-based Scheme for Wireless Network Virtualization with Security and QoS Constraints. , 2018, , .		33
160	Group-query-as-a-service for secure dynamic spectrum access in geolocation-enabled database-driven opportunistic wireless communications in ROAR framework. , 2018, , .		2
161	Imminent Communication Technologies for Smart Communities: Part 2. IEEE Communications Magazine, 2018, 56, 80-81.	6.1	59
162	Hierarchical architecture for 5G based software-defined intelligent transportation system. , 2018, , .		18

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163	Resource Allocation in Adaptive Virtualized Wireless Networks with Mobile Edge Computing. , 2018, , .		12
164	SecureCASH: Securing Context-Aware Distributed Storage and Query Processing in Hybrid Cloud Framework. , 2018, , .		2
165	Big Data Analytics for User-Activity Analysis and User-Anomaly Detection in Mobile Wireless Network. IEEE Transactions on Industrial Informatics, 2017, 13, 2058-2065.	11.3	149
166	EA-PRoPHET: An Energy Aware PRoPHET-Based Routing Protocol for Delay Tolerant Networks. , 2017, , .		6
167	On the Performance Enhancement of Vehicular Ad Hoc Network for Transportation Cyber Physical Systems. , 2017, , .		1
168	Multimedia streaming in information-centric networking: A survey and future perspectives. Computer Networks, 2017, 125, 103-121.	5.1	39
169	Evaluating Secrecy Outage of Physical Layer Security in Large-Scale MIMO Wireless Communications for Cyber-Physical Systems. IEEE Internet of Things Journal, 2017, 4, 1987-1993.	8.7	56
170	Vehicle-to-vehicle connectivity analysis for vehicular ad-hoc networks. Ad Hoc Networks, 2017, 58, 25-35.	5.5	49
171	iDFR: Intelligent directional flooding-based routing protocols for underwater sensor networks. , 2017, , .		16
172	nROAR: Near Real-Time Opportunistic Spectrum Access and Management in Cloud-Based Database-Driven Cognitive Radio Networks. IEEE Transactions on Network and Service Management, 2017, 14, 745-755.	4.9	20
173	On the security of information dissemination in the Internet-of-Vehicles. Tsinghua Science and Technology, 2017, 22, 437-445.	6.1	24
174	Named Data Networking for Software Defined Vehicular Networks. IEEE Communications Magazine, 2017, 55, 60-66.	6.1	146
175	Location-Based Lightweight Security Scheme for Wireless Communications in ROAR Architecture. , 2017, , .		1
176	A Cross-Layer and Optimized Privacy Method in Vehicular Ad-Hoc Networks. Wireless Personal Communications, 2017, 97, 3331-3353.	2.7	1
177	A novel approach for shared resource allocation with wireless network virtualization. , 2017, , .		12
178	Software Defined Networking Architecture, Security and Energy Efficiency: A Survey. IEEE Communications Surveys and Tutorials, 2017, 19, 325-346.	39.4	251
179	Vehicular Cyber Physical Systems. , 2017, , .		24
180	An Overview of Vehicular Networking and Cyber-Physical Systems. , 2017, , 1-13.		2

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181	Adaptive Connectivity for Vehicular Cyber-Physical Systems. , 2017, , 15-24.		7
182	Securing VANETs for Vehicular CPS. , 2017, , 41-60.		2
183	Localization in wireless sensor networks: A Dempster-Shafer evidence theoretical approach. Ad Hoc Networks, 2017, 54, 30-41.	5.5	25
184	Edge Computing Enabled Resilient Wireless Network Virtualization for Internet of Things. , 2017, , .		15
185	IEEE Access Special Section Editorial: Future Networks: Architectures, Protocols, and Applications. IEEE Access, 2017, 5, 27831-27835.	4.2	3
186	Game theoretic approach for wireless virtualization with coverage and QoS constraints. , 2017, , .		4
187	Leveraging Wireless Virtualization for Network Capacity Optimization in HetNets. , 2017, , .		7
188	A cross-layer and optimized privacy method in Vehicular ad-hoc Networks. , 2017, , .		1
189	Evaluating physical-layer security for secondary users in cognitive radio systems with attackers. , 2017, , .		1
190	A federated cloud computing framework for adaptive cyber defense and distributed computing. , 2017, , .		5
191	A-Epidemic: An Energy Aware Epidemic-Based Routing Protocol for Delay Tolerant Networks. Journal of Communications, 2017, , 304-311.	1.6	3
192	Dynamic spectrum access enabled home area networks for smart grid communications. International Journal of Smart Grid and Green Communications, 2016, 1, 130.	0.2	4
193	Evaluating Performance of Cognitive Radio Users in MIMO-OFDM-Based Wireless Networks. IEEE Wireless Communications Letters, 2016, 5, 476-479.	5.0	10
194	Enhancement of PRoPHET routing in Delay Tolerant Networks from an energy prospective. , 2016, , .		7
195	Securing vehicular ad-hoc networks from data falsification attacks. , 2016, , .		13
196	Analyzing energy efficient physical layer security in large-scale MIMO enabled CRN with QoS requirements. , 2016, , .		3
197	Energy Consumption and Performance of Delay Tolerant Network Routing Protocols under Different Mobility Models. , 2016, , .		14
198	Software Defined networking for reducing energy consumption and carbon emission. , 2016, , .		3

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199	Experimental study of dynamic spectrum access for opportunistic mobile communications using USRP devices. , 2016, , .		0
200	ROAR: An architecture for Real-Time Opportunistic Spectrum Access in Cloud-assisted Cognitive Radio Networks. , 2016, , .		12
201	Channel and power adaptation for cognitive radios in multiuser OFDM systems. , 2016, , .		3
202	Opportunistic spectrum access enabled heterogeneous wireless networking for smart grid. , 2016, , .		1
203	Adaptive threshold-based RF spectrum scanning through joint energy and bandwidth detection with USRPs in cognitive sensor networks for ROAR architecture. , 2016, , .		0
204	Advances on localization techniques for wireless sensor networks: A survey. Computer Networks, 2016, 110, 284-305.	5.1	133
205	Experimental approach for seeing through walls using Wi-Fi enabled software defined radio technology. Digital Communications and Networks, 2016, 2, 245-255.	5.0	10
206	Smart parking: Parking occupancy monitoring and visualization system for smart cities. , 2016, , .		65
207	Wireless network virtualization for enhancing security: Status, challenges and perspectives. , 2016, , .		6
208	Recent advances on Software Defined Wireless Networking. , 2016, , .		17
209	Recent security issues on cognitive radio networks: A survey. , 2016, , .		8
210	A novel algorithm for secrecy rate analysis in massive MIMO system with target SINR requirements. , 2016, , .		6
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