

Danda B Rawat

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8922822/publications.pdf>

Version: 2024-02-01

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	Software Defined Networking Architecture, Security and Energy Efficiency: A Survey. IEEE Communications Surveys and Tutorials, 2017, 19, 325-346.	39.4	251
2	Enhancing VANET Performance by Joint Adaptation of Transmission Power and Contention Window Size. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 1528-1535.	5.6	198
3	Detection of False Data Injection Attacks in Smart Grid Communication Systems. IEEE Signal Processing Letters, 2015, 22, 1652-1656.	3.6	186
4	Advances on Security Threats and Countermeasures for Cognitive Radio Networks: A Survey. IEEE Communications Surveys and Tutorials, 2015, 17, 1023-1043.	39.4	184
5	A Novel AI-enabled Framework to Diagnose Coronavirus COVID-19 using Smartphone Embedded Sensors: Design Study. , 2020, , .		181
6	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
7	Named Data Networking for Software Defined Vehicular Networks. IEEE Communications Magazine, 2017, 55, 60-66.	6.1	146
8	SmartParking: A Secure and Intelligent Parking System. IEEE Intelligent Transportation Systems Magazine, 2011, 3, 18-30.	3.8	141
9	Advances on localization techniques for wireless sensor networks: A survey. Computer Networks, 2016, 110, 284-305.	5.1	133
10	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
11	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
12	Cyber security for smart grid systems: Status, challenges and perspectives. , 2015, , .		84
13	Reinforcement Learning for IoT Security: A Comprehensive Survey. IEEE Internet of Things Journal, 2021, 8, 8693-8706.	8.7	76
14	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
15	Recent advances in mobile edge computing and content caching. Digital Communications and Networks, 2020, 6, 189-194.	5.0	73
16	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
17	Smart parking: Parking occupancy monitoring and visualization system for smart cities. , 2016, , .		65
18	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

#	ARTICLE	IF	CITATIONS
19	Blockchain Technology: Emerging Applications and Use Cases for Secure and Trustworthy Smart Systems. <i>Journal of Cybersecurity and Privacy</i> , 2020, 1, 4-18.	3.9	61
20	Fusion of Software Defined Networking, Edge Computing, and Blockchain Technology for Wireless Network Virtualization. <i>IEEE Communications Magazine</i> , 2019, 57, 50-55.	6.1	60
21	Imminent Communication Technologies for Smart Communities: Part 2. <i>IEEE Communications Magazine</i> , 2018, 56, 80-81.	6.1	59
22	Dynamic Spectrum Access for Wireless Networks. <i>Springer Briefs in Electrical and Computer Engineering</i> , 2015, , .	0.5	58
23	Privacy Preserving Misbehavior Detection in IoV Using Federated Machine Learning. , 2021, , .		57
24	Evaluating Secrecy Outage of Physical Layer Security in Large-Scale MIMO Wireless Communications for Cyber-Physical Systems. <i>IEEE Internet of Things Journal</i> , 2017, 4, 1987-1993.	8.7	56
25	Comparative Analysis of Low Discrepancy Sequence-Based Initialization Approaches Using Population-Based Algorithms for Solving the Global Optimization Problems. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7591.	2.5	54
26	Intelligent Framework Using IoT-Based WSNs for Wildfire Detection. <i>IEEE Access</i> , 2021, 9, 48185-48196.	4.2	50
27	Vehicle-to-vehicle connectivity analysis for vehicular ad-hoc networks. <i>Ad Hoc Networks</i> , 2017, 58, 25-35.	5.5	49
28	Dynamic Adaptation of Joint Transmission Power and Contention Window in VANET. , 2009, , .		47
29	Heuristic computational design of Morlet wavelet for solving the higher order singular nonlinear differential equations. <i>AJ - Alexandria Engineering Journal</i> , 2021, 60, 5935-5947.	6.4	46
30	Design of Morlet Wavelet Neural Network for Solving a Class of Singular Pantograph Nonlinear Differential Models. <i>IEEE Access</i> , 2021, 9, 77845-77862.	4.2	45
31	Payoff Optimization Through Wireless Network Virtualization for IoT Applications: A Three Layer Game Approach. <i>IEEE Internet of Things Journal</i> , 2019, 6, 2797-2805.	8.7	44
32	Recent Advances in Trustworthy Explainable Artificial Intelligence: Status, Challenges, and Perspectives. <i>IEEE Transactions on Artificial Intelligence</i> , 2022, 3, 852-866.	4.7	44
33	Software-Defined Networking for Unmanned Aerial Vehicular Networking and Security: A Survey. <i>Electronics (Switzerland)</i> , 2019, 8, 1468.	3.1	42
34	Towards Secure Vehicular Clouds. , 2012, , .		41
35	Multimedia streaming in information-centric networking: A survey and future perspectives. <i>Computer Networks</i> , 2017, 125, 103-121.	5.1	39
36	On the Performance of Machine Learning Models for Anomaly-Based Intelligent Intrusion Detection Systems for the Internet of Things. <i>IEEE Internet of Things Journal</i> , 2022, 9, 4280-4290.	8.7	36

#	ARTICLE	IF	CITATIONS
37	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
38	Quality of Service Aware Routing Protocol in Software-Defined Internet of Vehicles. IEEE Internet of Things Journal, 2019, 6, 2817-2828.	8.7	34
39	Stackelberg-Game-Based Dynamic Spectrum Access in Heterogeneous Wireless Systems. IEEE Systems Journal, 2016, 10, 1494-1504.	4.6	33
40	Leveraging Distributed Blockchain-based Scheme for Wireless Network Virtualization with Security and QoS Constraints. , 2018, , .		33
41	Blockchain Enabled Named Data Networking for Secure Vehicle-to-Everything Communications. IEEE Network, 2020, 34, 185-189.	6.9	32
42	New Modified Controlled Bat Algorithm for Numerical Optimization Problem. Computers, Materials and Continua, 2022, 70, 2241-2259.	1.9	32
43	Towards intelligent transportation Cyber-Physical Systems: Real-time computing and communications perspectives. , 2015, , .		31
44	Next-generation cybersecurity through a blockchain-enabled federated cloud framework. Journal of Supercomputing, 2018, 74, 5099-5126.	3.6	31
45	iShare: Blockchain-Based Privacy-Aware Multi-Agent Information Sharing Games for Cybersecurity. , 2018, , .		31
46	An efficient blockchain-based approach for cooperative decision making in swarm robotics. Internet Technology Letters, 2020, 3, e140.	1.9	30
47	Analyzing RNA-Seq Gene Expression Data Using Deep Learning Approaches for Cancer Classification. Applied Sciences (Switzerland), 2022, 12, 1850.	2.5	28
48	Vehicle-to-Vehicle Connectivity and Communication Framework for Vehicular Ad-Hoc Networks. , 2014, , .		27
49	Securing Vehicular Ad-hoc Networks Against Malicious Drivers: A Probabilistic Approach. , 2011, , .		26
50	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
51	Wireless Virtualization Architecture: Wireless Networking for Internet of Things. IEEE Internet of Things Journal, 2020, 7, 5946-5953.	8.7	26
52	Localization in wireless sensor networks: A Dempster-Shafer evidence theoretical approach. Ad Hoc Networks, 2017, 54, 30-41.	5.5	25
53	Towards Federated Learning Approach to Determine Data Relevance in Big Data. , 2019, , .		25
54	Evolutionary Integrated Heuristic with Gudermannian Neural Networks for Second Kind of Lane-Emden Nonlinear Singular Models. Applied Sciences (Switzerland), 2021, 11, 4725.	2.5	25

#	ARTICLE	IF	CITATIONS
55	Signal processing techniques for spectrum sensing in cognitive radio systems: Challenges and perspectives. , 2009, , .		24
56	On the security of information dissemination in the Internet-of-Vehicles. Tsinghua Science and Technology, 2017, 22, 437-445.	6.1	24
57	Vehicular Cyber Physical Systems. , 2017, , .		24
58	Secure Surveillance Systems Using Partial-Regeneration-Based Non-Dominated Optimization and 5D-Chaotic Map. Symmetry, 2021, 13, 1447.	2.2	24
59	Secure Radio Resource Management in Cloud Computing Based Cognitive Radio Networks. , 2012, , .		22
60	Smart Traffic Management System using Deep Learning for Smart City Applications. , 2019, , .		22
61	Constructing Domain Ontology for Alzheimer Disease Using Deep Learning Based Approach. Electronics (Switzerland), 2022, 11, 1890.	3.1	22
62	Intelligent Multi-Camera Video Surveillance System for Smart City Applications. , 2019, , .		21
63	Geolocation-aware resource management in cloud computing-based cognitive radio networks. International Journal of Cloud Computing, 2014, 3, 267.	0.3	20
64	The impact of secondary user mobility and primary user activity on spectrum sensing in cognitive vehicular networks. , 2015, , .		20
65	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
66	Secure, Privacy Preserving, and Verifiable Federating Learning Using Blockchain for Internet of Vehicles. IEEE Consumer Electronics Magazine, 2022, 11, 67-74.	2.3	20
67	Cloud-assisted GPS-driven dynamic spectrum access in cognitive radio vehicular networks for transportation cyber physical systems. , 2015, , .		19
68	LightChain: On the Lightweight Blockchain for the Internet-of-Things. , 2019, , .		19
69	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
70	Study of Machine Learning for Cloud Assisted IoT Security as a Service. Sensors, 2021, 21, 1034.	3.8	19
71	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
72	Hierarchical architecture for 5G based software-defined intelligent transportation system. , 2018, , .		18

#	ARTICLE	IF	CITATIONS
73	Recent advances on Software Defined Wireless Networking. , 2016, , .		17
74	Comparative Study of Machine Learning Algorithms for SMS Spam Detection. , 2019, , .		17
75	Volcano eruption algorithm for solving optimization problems. Neural Computing and Applications, 2021, 33, 2321-2337.	5.6	17
76	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
77	FedLearnSP: Preserving Privacy and Security Using Federated Learning and Edge Computing. IEEE Consumer Electronics Magazine, 2022, 11, 21-27.	2.3	17
78	Federated Learning with Differential Privacy for Resilient Vehicular Cyber Physical Systems. , 2021, , .		17
79	iDFR: Intelligent directional flooding-based routing protocols for underwater sensor networks. , 2017, , .		16
80	MPFSLP: Masqueraded Probabilistic Flooding for Source-Location Privacy in VANETs. IEEE Transactions on Vehicular Technology, 2020, 69, 11383-11393.	6.3	16
81	Provisioning vehicular ad hoc networks with quality of service. International Journal of Space-Based and Situated Computing, 2012, 2, 104.	0.2	15
82	Enhancing connectivity for spectrum-agile Vehicular Ad hoc NETWORKS in fading channels. , 2014, , .		15
83	A Testbed Using USRP(TM) and LabView(R) for Dynamic Spectrum Access in Cognitive Radio Networks. , 2015, , .		15
84	Edge Computing Enabled Resilient Wireless Network Virtualization for Internet of Things. , 2017, , .		15
85	Efficient classification model of web news documents using machine learning algorithms for accurate information. Computers and Security, 2020, 98, 102006.	6.0	15
86	Study of Adversarial Machine Learning with Infrared Examples for Surveillance Applications. Electronics (Switzerland), 2020, 9, 1284.	3.1	15
87	Studying the Impact of Initialization for Population-Based Algorithms with Low-Discrepancy Sequences. Applied Sciences (Switzerland), 2021, 11, 8190.	2.5	15
88	Improved Opposition-Based Particle Swarm Optimization Algorithm for Global Optimization. Symmetry, 2021, 13, 2280.	2.2	15
89	Comparative Research Directions of Population Initialization Techniques using PSO Algorithm. Intelligent Automation and Soft Computing, 2022, 32, 1427-1444.	2.1	15
90	A Comprehensive Survey on Imputation of Missing Data in Internet of Things. ACM Computing Surveys, 2023, 55, 1-38.	23.0	15

#	ARTICLE	IF	CITATIONS
91	Game-Theoretic Approach to Joint Transmitter Adaptation and Power Control in Wireless Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 675-682.	5.0	14
92	Energy Consumption and Performance of Delay Tolerant Network Routing Protocols under Different Mobility Models. , 2016, , .		14
93	PLS for V2I Communications Using Friendly Jammer and Double kappa-mu Shadowed Fading. , 2021, , .		14
94	Preventing COVID-19 Spread Using Information and Communication Technology. IEEE Consumer Electronics Magazine, 2021, 10, 18-27.	2.3	14
95	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
96	Data Mining Intrusion Detection in Vehicular Ad Hoc Network. IEICE Transactions on Information and Systems, 2014, E97.D, 1719-1726.	0.7	13
97	UAV-assisted broadband network for emergency and public safety communications. , 2015, , .		13
98	Securing vehicular ad-hoc networks from data falsification attacks. , 2016, , .		13
99	Edge Computing Intelligence Using Robust Feature Selection for Network Traffic Classification in Internet-of-Things. IEEE Access, 2020, 8, 224059-224070.	4.2	13
100	Mitigating Data Poisoning Attacks On a Federated Learning-Edge Computing Network. , 2021, , .		13
101	Sharding-Enabled Blockchain for Software-Defined Internet of Unmanned Vehicles in the Battlefield. IEEE Network, 2021, 35, 101-107.	6.9	13
102	TollsOnly Pleaseâ€”Homomorphic Encryption for Toll Transponder Privacy in Internet of Vehicles. IEEE Internet of Things Journal, 2022, 9, 2627-2636.	8.7	13
103	CoR-VANETs: Game Theoretic Approach for Channel and Rate Selection in Cognitive Radio VANETs. , 2012, , .		12
104	A Robust Energy Efficient Epidemic Routing Protocol for Delay Tolerant Networks. , 2015, , .		12
105	ROAR: An architecture for Real-Time Opportunistic Spectrum Access in Cloud-assisted Cognitive Radio Networks. , 2016, , .		12
106	A novel approach for shared resource allocation with wireless network virtualization. , 2017, , .		12
107	Resource Allocation in Adaptive Virtualized Wireless Networks with Mobile Edge Computing. , 2018, , .		12
108	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

#	ARTICLE	IF	CITATIONS
109	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
110	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
111	Automatic Spam Detection on Gulf Dialectical Arabic Tweets. , 2019, , .		11
112	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
113	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
114	A Geographic Location-Based Security Mechanism for Intelligent Vehicular Networks. Communications in Computer and Information Science, 2011, , 693-698.	0.5	11
115	Provisioning Vehicular Ad Hoc Networks with Quality of Service. , 2010, , .		10
116	General Active Position Detectors Protect VANET Security. , 2011, , .		10
117	Performance evaluation of Unmanned Aerial Vehicle ad hoc networks. , 2015, , .		10
118	Evaluating Performance of Cognitive Radio Users in MIMO-OFDM-Based Wireless Networks. IEEE Wireless Communications Letters, 2016, 5, 476-479.	5.0	10
119	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
120	IFLBC: On the Edge Intelligence Using Federated Learning Blockchain Network. , 2020, , .		10
121	Enhancing connectivity for communication and control in Unmanned Aerial Vehicle networks. , 2015, , .		9
122	Wireless Network Virtualization by Leveraging Blockchain Technology and Machine Learning. , 2019, , .		9
123	Enabling accurate indoor localization for different platforms for smart cities using a transfer learning algorithm. Internet Technology Letters, 2022, 5, e200.	1.9	9
124	Legacy Network Integration with SDN-IP Implementation towards a Multi-Domain SoDIP6 Network Environment. Electronics (Switzerland), 2020, 9, 1454.	3.1	9
125	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
126	LSTM-RNN Based Sentiment Analysis to Monitor COVID-19 Opinions using Social Media Data. , 2021, , .		9

#	ARTICLE	IF	CITATIONS
127	Resource Allocation for Cognitive Radio Enabled Vehicular Network Users. Springer Briefs in Electrical and Computer Engineering, 2015, , 57-65.	0.5	8
128	Recent security issues on cognitive radio networks: A survey. , 2016, , .		8
129	Big Data in Cybersecurity for Smart City Applications. , 2019, , 103-112.		8
130	Novel metaheuristic based on multiverse theory for optimization problems in emerging systems. Applied Intelligence, 2021, 51, 3275-3292.	5.3	8
131	Unprecedented Smart Algorithm for Uninterrupted SDN Services During DDoS Attack. Computers, Materials and Continua, 2022, 70, 875-894.	1.9	8
132	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
133	Game Theoretic Dynamic Spectrum Access in Cloud-Based Cognitive Radio Networks. , 2014, , .		7
134	Enhancement of PROPHET routing in Delay Tolerant Networks from an energy prospective. , 2016, , .		7
135	Adaptive Connectivity for Vehicular Cyber-Physical Systems. , 2017, , 15-24.		7
136	Leveraging Wireless Virtualization for Network Capacity Optimization in HetNets. , 2017, , .		7
137	Combating Distance Limitation in Sub-Terahertz Frequency Band for Physical Layer Security in UAV Communications. , 2021, , .		7
138	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
139	Numerical Study of the Environmental and Economic System through the Computational Heuristic Based on Artificial Neural Networks. Sensors, 2021, 21, 6567.	3.8	7
140	Dynamic Clustering in IoV Using Behavioral Parameters and Contention Window Adaptation. IEEE Transactions on Vehicular Technology, 2022, 71, 2031-2040.	6.3	7
141	Quantum Adversarial Machine Learning: Status, Challenges and Perspectives. , 2020, , .		7
142	Mitigation of black hole attacks using firefly and artificial neural network. Neural Computing and Applications, 2022, 34, 15101-15111.	5.6	7
143	Reconfigurable Intelligent Surface Selection for Wireless Vehicular Communications. IEEE Wireless Communications Letters, 2022, 11, 1743-1747.	5.0	7
144	Wireless network virtualization for enhancing security: Status, challenges and perspectives. , 2016, , .		6

#	ARTICLE	IF	CITATIONS
145	A novel algorithm for secrecy rate analysis in massive MIMO system with target SINR requirements. , 2016, , .		6
146	EA-PRoPHET: An Energy Aware PRoPHET-Based Routing Protocol for Delay Tolerant Networks. , 2017, , .		6
147	Joint Cost Estimation Approach for Service Provider Legacy Network Migration to Unified Software Defined IPv6 Network. , 2018, , .		6
148	Solutions for adopting software defined network in practice. International Journal of Communication Systems, 2019, 32, e3990.	2.5	6
149	Fusion of Named Data Networking and Blockchain for Resilient Internet-of-Battlefield-Things. , 2020, , .		6
150	Affordable Broadband with Software Defined IPv6 Network for Developing Rural Communities. Applied System Innovation, 2020, 3, 4.	4.6	6
151	CyVi: Visualization of Cyber-Attack and Defense Effects in Geographically Referenced Networks. , 2020, , .		6
152	Fuzzy-Logic-Based Privacy-Aware Dynamic Release of IoT-Enabled Healthcare Data. IEEE Internet of Things Journal, 2022, 9, 4411-4420.	8.7	6
153	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
154	Advances on networked ehealth information access and sharing: Status, challenges and prospects. Computer Networks, 2022, 204, 108687.	5.1	6
155	A Survey on Data-Driven Learning for Intelligent Network Intrusion Detection Systems. Electronics (Switzerland), 2022, 11, 213.	3.1	6
156	Physical Layer Security for V2I Communications: Reflecting Surfaces Vs. Relaying. , 2021, , .		6
157	Mitigating Poisoning Attack in Federated Learning. , 2021, , .		6
158	Deep Learning for Cyber Deception in Wireless Networks. , 2021, , .		6
159	Ensemble Deep Learning for Sustainable Multimodal UAV Classification. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 15425-15434.	8.0	6
160	Ticket-based reliable routing in VANET. , 2009, , .		5
161	Performance analysis of wireless sensor networks for wind turbine monitoring systems. , 2015, , .		5
162	A federated cloud computing framework for adaptive cyber defense and distributed computing. , 2017, , .		5

#	ARTICLE	IF	CITATIONS
163	Deceptor-in-the-Middle (DitM): Cyber Deception for Security in Wireless Network Virtualization. , 2020, , .		5
164	Game Theory for Resource Allocation in Wireless Networks. Advances in Wireless Technologies and Telecommunication Book Series, 2011, , 335-352.	0.4	5
165	Infrastructures in Vehicular Communications. , 0, , 1-18.		5
166	Wi-Fi Based Accurate Indoor Localization System using SVM and LSTM Algorithms. , 2021, , .		5
167	Asynchronous Advantage Actor-Critic (A3C) Learning for Cognitive Network Security. , 2021, , .		5
168	Adaptive Energy Efficient Circular Spinning Protocol for Dynamic Cluster Based UWSNs. IEEE Access, 2022, 10, 61937-61950.	4.2	5
169	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
170	Game theoretic approach for wireless virtualization with coverage and QoS constraints. , 2017, , .		4
171	On the wireless virtualization with QoE constraints. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3573.	3.9	4
172	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
173	Prediction Based Adaptive RF Spectrum Reservation in Wireless Virtualization. , 2020, , .		4
174	Dependable Adaptive Mobility in Vehicular Networks for Resilient Mobile Cyber Physical Systems. , 2020, , .		4
175	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
176	Toward Bias Analysis Using Tweets and Natural Language Processing. , 2021, , .		4
177	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
178	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
179	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
180	Performance evaluation of deception system for deceiving cyber adversaries in adaptive virtualized wireless networks. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
181	On the Performance of Generative Adversarial Network by Limiting Mode Collapse for Malware Detection Systems. <i>Sensors</i> , 2022, 22, 264.	3.8	4
182	Interference Avoidance With Limited Feedback. <i>Conference Record of the Asilomar Conference on Signals, Systems and Computers</i> , 2007, , .	0.0	3
183	Advances on Network Protocols and Algorithms for Vehicular Ad Hoc Networks. <i>Mobile Networks and Applications</i> , 2013, 18, 749-754.	3.3	3
184	Mining vehicular data in VANET. , 2013, , .		3
185	Performance Analysis of Secondary Users in the Presence of Attackers in Cognitive Radio Networks. , 2015, , .		3
186	Securing space communication systems against reactive cognitive jammer. , 2015, , .		3
187	Analyzing energy efficient physical layer security in large-scale MIMO enabled CRN with QoS requirements. , 2016, , .		3
188	Software Defined networking for reducing energy consumption and carbon emission. , 2016, , .		3
189	Channel and power adaptation for cognitive radios in multiuser OFDM systems. , 2016, , .		3
190	IEEE Access Special Section Editorial: Future Networks: Architectures, Protocols, and Applications. <i>IEEE Access</i> , 2017, 5, 27831-27835.	4.2	3
191	Recommendations for Energy Efficient SoDIP6 Network Deployment at the Early Stage Rural ICT Expansion of Nepal. , 2019, , .		3
192	Data Validation and Correction for Resiliency in Mobile Cyber-Physical Systems. , 2019, , .		3
193	Editorial: Industrial Internet: Security, Architectures, and Technologies. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 4219-4220.	11.3	3
194	Anomaly Detection in Smart Home Networks Using Kalman Filter. , 2021, , .		3
195	Big data analytics in Industry 4.0 ecosystems. <i>Software - Practice and Experience</i> , 2022, 52, 639-641.	3.6	3
196	Prediction and Detection of Cyberattacks using AI Model in Virtualized Wireless Networks. , 2021, , .		3
197	A-Epidemic: An Energy Aware Epidemic-Based Routing Protocol for Delay Tolerant Networks. <i>Journal of Communications</i> , 2017, , 304-311.	1.6	3
198	Dynamic Resource Allocation for IRS Assisted Energy Harvesting Systems With Statistical Delay Constraint. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 2158-2163.	6.3	3

#	ARTICLE	IF	CITATIONS
199	Deep Transfer Learning for Physical Layer Security in Wireless Communication Systems. , 2021, , .		3
200	Gradient Descent Interference Avoidance for Uplink CDMA Systems with Multipath. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	2
201	Gradient Descent Interference Avoidance with Target SIR Matching. , 2008, , .		2
202	Joint Codeword and Power Adaptation for CDMA Systems with Multipath and QoS Requirements. , 2008, , .		2
203	Waiting Probability Analysis for Dynamic Spectrum Access in Cognitive Radio Networks. , 2013, , .		2
204	Cloud-assisted dynamic spectrum access for VANET in transportation cyber-physical systems. , 2014, , .		2
205	An Overview of Cognitive Radio Networks. Springer Briefs in Electrical and Computer Engineering, 2015, , 1-11.	0.5	2
206	Analysis of multi-hop opportunistic communications in cognitive radio network. , 2015, , .		2
207	An Overview of Vehicular Networking and Cyber-Physical Systems. , 2017, , 1-13.		2
208	Securing VANETs for Vehicular CPS. , 2017, , 41-60.		2
209	Group-Query-as-a-Service for Secure Low-Latency Opportunistic RF Spectrum Access in Mobile Edge Computing Enabled Wireless Networks. , 2018, , .		2
210	Editorial on Wireless Networking Technologies for Smart Cities. Wireless Communications and Mobile Computing, 2018, 2018, 1-3.	1.2	2
211	Group-query-as-a-service for secure dynamic spectrum access in geolocation-enabled database-driven opportunistic wireless communications in ROAR framework. , 2018, , .		2
212	SecureCASH: Securing Context-Aware Distributed Storage and Query Processing in Hybrid Cloud Framework. , 2018, , .		2
213	Security Analysis in Context-Aware Distributed Storage and Query Processing in Hybrid Cloud Framework. , 2019, , .		2
214	Scalable Service-Driven Database-Enabled Wireless Network Virtualization for Robust RF Sharing. IEEE Transactions on Services Computing, 2022, 15, 3008-3018.	4.6	2
215	Attacks and Anomaly Detection in IoT Network Using Machine Learning. Communications in Computer and Information Science, 2021, , 465-472.	0.5	2
216	ASAP: Anti-Spoofing Aphorism Using Path-analysis. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
217	Energy-Constrained Standby-Sparing for Weakly Hard Real-Time Systems. , 2020, , .		2
218	Replication based Crowd Sensing for Optimal Service Response in 5G Communications using Information-Centric Wireless Sensor Networks. , 2021, , .		2
219	Combined Admission, Power and Rate Control for Cognitive Radios in Dynamic Spectrum Access Ad-Hoc Networks. , 2010, , .		1
220	Predictive vector quantization for wireless transmitter adaptation with limited feedback. , 2011, , .		1
221	Intrusion-Tolerant Location Information Services in Intelligent Vehicular Networks. Communications in Computer and Information Science, 2011, , 699-705.	0.5	1
222	Game theoretic approach to dynamic spectrum access with multi-radio and QoS requirements. , 2013, , .		1
223	Performance Analysis of Secondary Users in the Presence of Attackers in Cognitive Radio Networks. , 2014, , .		1
224	Securing Real-Time Opportunistic Spectrum Access in Cognitive Networks against Malicious Secondary Users. , 2015, , .		1
225	Opportunistic spectrum access enabled heterogeneous wireless networking for smart grid. , 2016, , .		1
226	On the Performance Enhancement of Vehicular Ad Hoc Network for Transportation Cyber Physical Systems. , 2017, , .		1
227	Location-Based Lightweight Security Scheme for Wireless Communications in ROAR Architecture. , 2017, , .		1
228	A Cross-Layer and Optimized Privacy Method in Vehicular Ad-Hoc Networks. Wireless Personal Communications, 2017, 97, 3331-3353.	2.7	1
229	A cross-layer and optimized privacy method in Vehicular ad-hoc Networks. , 2017, , .		1
230	Evaluating physical-layer security for secondary users in cognitive radio systems with attackers. , 2017, , .		1
231	Imminent Communication Technologies for Smart Communities: Part 1. , 2018, 56, 76-76.		1
232	SDN, NFV, and Mobile Edge Computing with QoE Support for 5G. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3536.	3.9	1
233	Maximizing Secrecy Rate and Payoff Through Wireless Virtualization in Heterogeneous Wireless Networks. , 2019, , .		1
234	ANFIS based Classification Model for Network Device Migration towards SoDIP6 Networks. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
235	Cyber Deception for Wireless Network Virtualization Using Stackelberg Game Theory. , 2021, , .		1
236	IEEE Access Special Section Editorial: Emerging Trends, Issues, and Challenges in Underwater Acoustic Sensor Networks. IEEE Access, 2021, 9, 5862-5869.	4.2	1
237	Journal of Cybersecurity and Privacy: A New Open Access Journal. Journal of Cybersecurity and Privacy, 2021, 1, 195-198.	3.9	1
238	Learning Model for Cyber-attack Index Based Virtual Wireless Network Selection. , 2021, , .		1
239	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
240	E-Parking. , 2011, , 116-131.		1
241	Privacy Protection in Vehicular Ad-Hoc Networks. , 2015, , 272-309.		1
242	Game Theoretic Cloud-Assisted Opportunistic Spectrum Access in Cognitive Radio Networks. International Journal of Grid and High Performance Computing, 2016, 8, 94-110.	0.9	1
243	Machine Learning Enabled Sentiment Index Estimation Using Social Media Big Data. , 2020, , .		1
244	Reliable Routing Protocols in VANETs. , 0, , 200-213.		1
245	Data-Driven Quickest Change Detection for Securing Federated Learning for Internet-of-Vehicles. , 2021, , .		1
246	Phishing Attack Detection with ML-Based Siamese Empowered ORB Logo Recognition and IP Mapper. , 2022, , .		1
247	Joint precoder and power adaptation for cognitive radios in interference systems. , 2009, , .		0
248	Precoder Adaptation and Power Control in Wireless Ad-Hoc Networks for Rate Maximization. , 2011, , .		0
249	Rendezvous methods for opportunistic spectrum access in cognitive wireless networks: Analysis and implementation. , 2015, , .		0
250	Context-aware collaboration, computation and communications in emerging wireless networks. , 2015, , .		0
251	Experimental study of dynamic spectrum access for opportunistic mobile communications using USRP devices. , 2016, , .		0
252	Adaptive threshold-based RF spectrum scanning through joint energy and bandwidth detection with USRPs in cognitive sensor networks for ROAR architecture. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
253	Bayesian Reasoning Based Malicious Data Discovery on Gulf-Dialectical Arabic Tweets. , 2018, , .		0
254	Aggregated-Query-as-a-Secure-Service for RF Spectrum Database-Driven Opportunistic Wireless Communications. , 2018, , .		0
255	Dynamic RF Allocation for Improved Service Provisioning in Wireless Virtualization Enabled Networks. , 2019, , .		0
256	Editorial: Multimedia and Social Data Processing in Vehicular Networks. Mobile Networks and Applications, 2020, 25, 620-622.	3.3	0
257	Artificial Intelligence Assisted Wireless Resource Allocation for Wireless Network Virtualization. , 2021, , .		0
258	Adversarial Machine Learning for Inferring Augmented Cyber Agility Prediction. , 2021, , .		0
259	On the Security of Cyber-Physical Robotic Systems Using Dynamic Modeling and Simulation. , 2021, , .		0
260	Data-Driven Shortest Anypath in Wireless Network Virtualization for Mobile Cyber Physical Systems. , 2021, , .		0
261	Trust-Based Adversarial Resiliency in Vehicular Cyber Physical Systems Using Reinforcement Learning. Communications in Computer and Information Science, 2021, , 139-151.	0.5	0
262	Spectrum Sensing in Cognitive Radio Networks. , 2012, , 225-240.		0
263	Privacy Protection in Vehicular Ad-Hoc Networks. Advances in Information Security, Privacy, and Ethics Book Series, 2014, , 295-332.	0.5	0
264	Resource Allocation in Spectrum Underlay Cognitive Radio Networks. Springer Briefs in Electrical and Computer Engineering, 2015, , 13-24.	0.5	0
265	Resource Allocation in Spectrum Overlay Cognitive Radio Networks. Springer Briefs in Electrical and Computer Engineering, 2015, , 25-42.	0.5	0
266	Performance Evaluation of Geolocation Based Opportunistic Spectrum Access in Cloud-Assisted Cognitive Radio Networks. International Journal of Monitoring and Surveillance Technologies Research, 2016, 4, 24-41.	0.3	0
267	Mobility Data-Driven Wireless Network Virtualization for Mobile Cyber Physical System. , 2020, , .		0
268	Detecting Synchronization Signal Jamming Attacks for Cybersecurity in Cyber-Physical Energy Grid Systems. Advances in Information Security, Privacy, and Ethics Book Series, 0, , 68-78.	0.5	0
269	Recent Advances in Socially Relevant Computing: Status and Perspectives. , 2021, , .		0
270	Optimizing Gradient Methods for IoT Applications. IEEE Internet of Things Journal, 2022, 9, 13694-13704.	8.7	0

#	ARTICLE	IF	CITATIONS
271	Evaluating Machine Learning Classifiers for Data Sharing in Internet of Battlefield Things. , 2021, , .		0
272	Energy Efficient Dynamic Task Offloading for Blockchain-enabled Virtual Wireless Networks. , 2021, , .		0
273	Jamming Impact on Wireless Resource Allocation in Wireless Virtualization. , 2021, , .		0
274	Intelligent Approach to Network Device Migration Planning towards Software-Defined IPv6 Networks. Sensors, 2022, 22, 143.	3.8	0
275	Homomorphic Encryption Reference Model for Mobile Cyber Physical Systems. , 2021, , .		0
276	GTSM--Graph-Transient Security Model for Intelligent Transportation System Information Exchange. IEEE Transactions on Intelligent Transportation Systems, 2022, , 1-10.	8.0	0
277	Guest Editorial: Special Section on Edge Intelligence for Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2022, , 1-4.	11.3	0
278	Deep Learning for Secure Transmission in Wireless Communication Networks. , 2022, , .		0