Suraj Sharma

List of Publications by Year
in descending order

42 papers	1,281 citations	566801 15 h-index	610482 24 g-index
44 all docs	44 docs citations	44 times ranked	1221 citing authors

#	Article	IF	Citations
1	Privacy-Aware Data Fusion and Prediction With Spatial-Temporal Context for Smart City Industrial Environment. IEEE Transactions on Industrial Informatics, 2021, 17, 4159-4167.	7.2	178
2	Location of Things (LoT): A Review and Taxonomy of Sensors Localization in IoT Infrastructure. IEEE Communications Surveys and Tutorials, 2018, 20, 2028-2061.	24.8	153
3	A Novel Cost Optimization Strategy for SDN-Enabled UAV-Assisted Vehicular Computation Offloading. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3664-3674.	4.7	130
4	Internet of Things attack detection using hybrid Deep Learning Model. Computer Communications, 2021, 176, 146-154.	3.1	107
5	Ubiquitous Localization (UbiLoc): A Survey and Taxonomy on Device Free Localization for Smart World. IEEE Communications Surveys and Tutorials, 2019, 21, 3532-3564.	24.8	74
6	Secure Service Offloading for Internet of Vehicles in SDN-Enabled Mobile Edge Computing. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3720-3729.	4.7	70
7	Rendezvous based routing protocol for wireless sensor networks with mobile sink. Journal of Supercomputing, 2017, 73, 1168-1188.	2.4	65
8	Cluster Based Multipath Routing Protocol for Wireless Sensor Networks. Computer Communication Review, 2015, 45, 14-20.	1.5	62
9	Building Reliable Routing Infrastructure for Green IoT Network. IEEE Access, 2019, 7, 129892-129909.	2.6	54
10	Building a Sustainable Internet of Things: Energy-Efficient Routing Using Low-Power Sensors Will Meet the Need. IEEE Consumer Electronics Magazine, 2018, 7, 42-49.	2.3	52
11	Building Scalable Cyber-Physical-Social Networking Infrastructure Using IoT and Low Power Sensors. IEEE Access, 2018, 6, 30162-30173.	2.6	44
12	A survey on secure hierarchical routing protocols in wireless sensor networks. , 2011, , .		34
13	Proactive data routing using controlled mobility of a mobile sink in Wireless Sensor Networks. Computers and Electrical Engineering, 2018, 70, 21-36.	3.0	34
14	MSGR: A Mode-Switched Grid-Based Sustainable Routing Protocol for Wireless Sensor Networks. IEEE Access, 2017, 5, 19864-19875.	2.6	32
15	Energy-Efficient Deployment of Edge Dataenters for Mobile Clouds in Sustainable IoT. IEEE Access, 2018, 6, 56587-56597.	2.6	32
16	DNA computing and table based data accessing in the cloud environment. Journal of Network and Computer Applications, 2020, 172, 102835.	5.8	21
17	Efficient and Lightweight Data Streaming Authentication in Industrial Control and Automation Systems. IEEE Transactions on Industrial Informatics, 2021, 17, 4279-4287.	7.2	15
18	A Cluster-tree based Data Dissemination Routing Protocol. Procedia Computer Science, 2015, 54, 7-13.	1.2	14

#	Article	IF	Citations
19	Cluster-based rendezvous routing protocol for wireless sensor network. , 2017, , .		12
20	Deep Learning-based Continuous Authentication for an IoT-enabled healthcare service. Computers and Electrical Engineering, 2022, 99, 107817.	3.0	11
21	AI-Enabled Fingerprinting and Crowdsource-Based Vehicle Localization for Resilient and Safe Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4660-4669.	4.7	10
22	IoV based Real-Time Smart Traffic Monitoring System for Smart Cities using Augmented Reality. , 2019, , .		8
23	Secure Authentication Protocol for 5G Enabled IoT Network. , 2018, , .		7
24	EAMRP: energy aware multipath routing protocol for wireless sensor networks. International Journal of Information and Communication Technology, 2016, 8, 235.	0.1	6
25	Bacteria foraging based task scheduling algorithm in cloud computing environment. , 2017, , .		6
26	Secure Authentication Protocol for IoT Architecture. , 2017, , .		5
27	Probabilistic RSS Fingerprinting for Localization in Smart Platforms. , 2018, , .		5
28	A Study of Authentication Protocols in Internet of Things. , 2019, , .		5
29	Privacyâ€preserving cooperative localization in vehicular edge computing infrastructure. Concurrency Computation Practice and Experience, 2022, 34, e5827.	1.4	5
30	A New Workflow Model for Energy Efficient Cloud Tasks Scheduling Architecture. , 2015, , .		4
31	Localization for Autonomous Vehicle: Analysis of Importance of IoT Network Localization for Autonomous Vehicle Applications. , 2018, , .		4
32	IoT based Irrigation and Water Logging monitoring system using Arduino and Cloud Computing. , 2019, , .		4
33	A Fingerprinting Technique for Identification of Wireless Devices. , 2018, , .		3
34	VGBST. , 2015, , .		2
35	Integrating Machine Learning with Blockchain to Ensure Data Privacy. , 2020, , .		2
36	AI-Driven Security Solutions for the Internet of Everything. IEEE Consumer Electronics Magazine, 2021, 10, 70-71.	2.3	2

#	Article	IF	Citations
37	Self Deployment Based on Circle Packing Algorithm for Movement Assisted Wireless Sensor Networks. , 2017, , .		1
38	Reinforcement Based Optimal Routing Algorithm for Multiple Sink Based Wireless Sensor Networks. Advances in Intelligent Systems and Computing, 2018, , 481-490.	0.5	1
39	Detection of Topic from Unstructured Text With Mixed Languages. , 2018, , .		1
40	Mode-switched grid-based routing for wireless sensor networks. , 2017, , .		0
41	Overview and Perspective of Localization Accuracy for Persistent Autonomous Vehicle Systems. , 2019, , .		0
42	Adaptive Software Defined Node Deployment for Green Internet of Things. , 2020, , .		0