

Vikas Hassija

List of Publications by Year in Descending Order

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

25
papers

1,358
citations

16
h-index

25
g-index

25
ext. papers

2,007
ext. citations

7.3
avg, IF

5.83
L-index

#	Paper	IF	Citations
25	A machine learning and blockchain based secure and cost-effective framework for minor medical consultations. <i>Sustainable Computing: Informatics and Systems</i> , 2022 , 35, 100651	3	3
24	Artificial intelligence-assisted blockchain-based framework for smart and secure EMR management.. <i>Neural Computing and Applications</i> , 2022 , 1-11	4.8	2
23	A Blockchain and Edge-Computing-Based Secure Framework for Government Tender Allocation. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 2409-2418	10.7	8
22	Traffic Jam Probability Estimation Based on Blockchain and Deep Neural Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 3919-3928	6.1	22
21	Security issues in implantable medical devices: Fact or fiction?. <i>Sustainable Cities and Society</i> , 2021 , 66, 102552	10.1	16
20	A Survey on Supply Chain Security: Application Areas, Security Threats, and Solution Architectures. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 6222-6246	10.7	30
19	Fast, Reliable, and Secure Drone Communication: A Comprehensive Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2021 , 1-1	37.1	17
18	Framework for determining the suitability of blockchain: Criteria and issues to consider. <i>Transactions on Emerging Telecommunications Technologies</i> , 2021 , 32, e4334	1.9	3
17	Smart water conservation through a machine learning and blockchain-enabled decentralized edge computing network. <i>Applied Soft Computing Journal</i> , 2021 , 106, 107274	7.5	6
16	A blockchain and deep neural networks-based secure framework for enhanced crop protection. <i>Ad Hoc Networks</i> , 2021 , 119, 102537	4.8	5
15	A Review on the Role of Machine Learning in Enabling IoT Based Healthcare Applications. <i>IEEE Access</i> , 2021 , 9, 38859-38890	3.5	31
14	A Comprehensive Review of the COVID-19 Pandemic and the Role of IoT, Drones, AI, Blockchain, and 5G in Managing its Impact. <i>IEEE Access</i> , 2020 , 8, 90225-90265	3.5	45 ¹
13	A Distributed Framework for Energy Trading Between UAVs and Charging Stations for Critical Applications. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 5391-5402	6.8	42
12	A Parking Slot Allocation Framework Based on Virtual Voting and Adaptive Pricing Algorithm. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 5945-5957	6.8	22
11	A mobile data offloading framework based on a combination of blockchain and virtual voting. <i>Software - Practice and Experience</i> , 2020 ,	2.5	19
10	A Blockchain-Based Framework for Lightweight Data Sharing and Energy Trading in V2G Network. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 5799-5812	6.8	83
9	DAGIoV: A Framework for Vehicle to Vehicle Communication Using Directed Acyclic Graph and Game Theory. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4182-4191	6.8	36

8	Blockchain for 5G: A Prelude to Future Telecommunication. <i>IEEE Network</i> , 2020 , 34, 106-113	11.4	30
7	Disaster and Pandemic Management Using Machine Learning: A Survey. <i>IEEE Internet of Things Journal</i> , 2020 , 1-1	10.7	16
6	BitFund: A blockchain-based crowd funding platform for future smart and connected nation. <i>Sustainable Cities and Society</i> , 2020 , 60, 102145	10.1	16
5	A Blockchain based Framework for Secure Data Offloading in Tactile Internet Environment 2020 ,		1
4	A Framework for Secure Vehicular Network using Advanced Blockchain 2020 ,		8
3	Scheduling drone charging for multi-drone network based on consensus time-stamp and game theory. <i>Computer Communications</i> , 2020 , 149, 51-61	5.1	55
2	A Survey on IoT Security: Application Areas, Security Threats, and Solution Architectures. <i>IEEE Access</i> , 2019 , 7, 82721-82743	3.5	414
1	BlockCom: A Blockchain Based Commerce Model for Smart Communities using Auction Mechanism 2019 ,		22