Vikas Hassija

List of Publications by Citations

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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 Comprehensive Review of the COVID-19 Pandemic and the Role of IoT, Drones, AI, Blockchain, and 5G in Managing its Impact. *IEEE Access*, **2020**, 8, 90225-90265	3.5	451
24	A Survey on IoT Security: Application Areas, Security Threats, and Solution Architectures. *IEEE Access*, **2019**, 7, 82721-82743	3.5	414
23	A Blockchain-Based Framework for Lightweight Data Sharing and Energy Trading in V2G Network. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 5799-5812	6.8	83
22	Scheduling drone charging for multi-drone network based on consensus time-stamp and game theory. *Computer Communications*, **2020**, 149, 51-61	5.1	55
21	A Distributed Framework for Energy Trading Between UAVs and Charging Stations for Critical Applications. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 5391-5402	6.8	42
20	DAGIoV: A Framework for Vehicle to Vehicle Communication Using Directed Acyclic Graph and Game Theory. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 4182-4191	6.8	36
19	A Review on the Role of Machine Learning in Enabling IoT Based Healthcare Applications. *IEEE Access*, **2021**, 9, 38859-38890	3.5	31
18	Blockchain for 5G: A Prelude to Future Telecommunication. *IEEE Network*, **2020**, 34, 106-113	11.4	30
17	A Survey on Supply Chain Security: Application Areas, Security Threats, and Solution Architectures. *IEEE Internet of Things Journal*, **2021**, 8, 6222-6246	10.7	30
16	A Parking Slot Allocation Framework Based on Virtual Voting and Adaptive Pricing Algorithm. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 5945-5957	6.8	22
15	BlockCom: A Blockchain Based Commerce Model for Smart Communities using Auction Mechanism **2019**,		22
14	Traffic Jam Probability Estimation Based on Blockchain and Deep Neural Networks. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 3919-3928	6.1	22
13	A mobile data offloading framework based on a combination of blockchain and virtual voting. *Software - Practice and Experience*, **2020**,	2.5	19
12	Fast, Reliable, and Secure Drone Communication: A Comprehensive Survey. *IEEE Communications Surveys and Tutorials*, **2021**, 1-1	37.1	17
11	Disaster and Pandemic Management Using Machine Learning: A Survey. *IEEE Internet of Things Journal*, **2020**, 1-1	10.7	16
10	BitFund: A blockchain-based crowd funding platform for future smart and connected nation. *Sustainable Cities and Society*, **2020**, 60, 102145	10.1	16
9	Security issues in implantable medical devices: Fact or fiction?. *Sustainable Cities and Society*, **2021**, 66, 102552	10.1	16

List of Publications

8	A Blockchain and Edge-Computing-Based Secure Framework for Government Tender Allocation. *IEEE Internet of Things Journal*, **2021**, 8, 2409-2418	10.7	8
7	A Framework for Secure Vehicular Network using Advanced Blockchain **2020**,		8
6	Smart water conservation through a machine learning and blockchain-enabled decentralized edge computing network. *Applied Soft Computing Journal*, **2021**, 106, 107274	7.5	6
5	A blockchain and deep neural networks-based secure framework for enhanced crop protection. *Ad Hoc Networks*, **2021**, 119, 102537	4.8	5
4	A machine learning and blockchain based secure and cost-effective framework for minor medical consultations. *Sustainable Computing: Informatics and Systems*, **2022**, 35, 100651	3	3
3	Framework for determining the suitability of blockchain: Criteria and issues to consider. *Transactions on Emerging Telecommunications Technologies*, **2021**, 32, e4334	1.9	3
2	Artificial intelligence-assisted blockchain-based framework for smart and secure EMR management.. *Neural Computing and Applications*, **2022**, 1-11	4.8	2
1	A Blockchain based Framework for Secure Data Offloading in Tactile Internet Environment **2020**,		1