Noureddine Lasla

List of Publications by Year
in descending order

38 papers	**737** citations	840776 **11** h-index	940533 **16** g-index
38 all docs	**38** docs citations	**38** times ranked	**813** citing authors

#	Article	IF	Citations
1	Secure and efficient disjoint multipath construction for fault tolerant routing in wireless sensor networks. Journal of Network and Computer Applications, 2011, 34, 1380-1397.	9.1	100
2	B-Ride: Ride Sharing With Privacy-Preservation, Trust and Fair Payment Atop Public Blockchain. IEEE Transactions on Network Science and Engineering, 2021, 8, 1214-1229.	6.4	95
3	Blockchain-based Firmware Update Scheme Tailored for Autonomous Vehicles. , 2019, , .		62
4	Efficient Distributed Admission and Revocation Using Blockchain for Cooperative ITS. , 2018, , .		45
5	Blockchain Based Trading Platform for Electric Vehicle Charging in Smart Cities. IEEE Open Journal of Intelligent Transportation Systems, 2020, 1, 80-92.	4.8	44
6	Semi-structured and unstructured data aggregation scheduling in wireless sensor networks. , 2012, , .		38
7	An Effective Area-Based Localization Algorithm for Wireless Networks. IEEE Transactions on Computers, 2015, 64, 2103-2118.	3.4	38
8	Green-PoW: An energy-efficient blockchain Proof-of-Work consensus algorithm. Computer Networks, 2022, 214, 109118.	5.1	33
9	Efficient data aggregation with in-network integrity control for WSN. Journal of Parallel and Distributed Computing, 2012, 72, 1157-1170.	4.1	29
10	An effective Bat algorithm for node localization in distributed wireless sensor network. Security and Privacy, 2018, 1, e7.	2.7	29
11	Federated Learning for RSS Fingerprint-based Localization: A Privacy-Preserving Crowdsourcing Method. , 2020, , .		26
12	Consortium Blockchain-Based Decentralized Stock Exchange Platform. IEEE Access, 2020, 8, 123711-123725.	4.2	24
13	Coverage-based node placement optimization in wireless sensor network with linear topology. , 2016, , .		19
14	SEIF: Secure and Efficient Intrusion-Fault Tolerant Routing Protocol for Wireless Sensor Networks. , 2008, , .		18
15	Privacy-Preserving Electric Vehicle Charging for Peer-to-Peer Energy Trading Ecosystems. , 2019, , .		18
16	On optimal anchor placement for efficient area-based localization in wireless networks. , 2015, , .		17
17	Interference-aware Congestion Control Protocol for Wireless Sensor Networks. Procedia Computer Science, 2014, 37, 181-188.	2.0	16
18	DZ50: Energy-efficient Wireless Sensor Mote Platform for Low Data Rate Applications. Procedia Computer Science, 2014, 37, 189-195.	2.0	14

#	Article	IF	Citations
19	Wireless energy efficient occupancy-monitoring system for smart buildings. Pervasive and Mobile Computing, 2019, 59, 101037.	3.3	11
20	Local Bitcoin Network Simulator for Performance Evaluation using Lightweight Virtualization. , 2020, , .		11
21	Area-based Vs. multilateration localization: A comparative study of estimated position error. , 2017, , .		8
22	Static analysis by abstract interpretation of functional properties of device drivers in TinyOS. Journal of Systems and Software, 2016, 120, 114-132.	4.5	6
23	On optimal anchor placement for area€based localisation in wireless sensor networks. IET Wireless Sensor Systems, 2021, 11, 67-77.	1.7	6
24	Half-Symmetric Lens based localization algorithm for wireless sensor networks. , 2012, , .		4
25	Anonymizing communication flow identifiers in the Internet of Things. Computers and Electrical Engineering, 2021, 91, 107063.	4.8	4
26	Incentivized and Secure Blockchain-based Firmware Update and Dissemination for Autonomous Vehicles. , 2020, , 475-493.		4
27	Exploiting Land Transport to Improve the UAV's Performances for Longer Mission Coverage in Smart Cities. , 2019, , .		3
28	On the Effect of Sensing-holes in PIR-based Occupancy Detection Systems. , 2016, , .		3
29	MSR: Minimum-Stop Recharging Scheme for Wireless Rechargeable Sensor Networks. , 2014, , .		2
30	Connectivity-aware Relay Node Deployment in Grid-based Wireless Sensor Networks. , 2019, , .		2
31	Privacy-Preserving Framework for Blockchain-Based Stock Exchange Platform. IEEE Access, 2022, 10, 1202-1215.	4.2	2
32	Improved coverage through area-based localization in wireless sensor networks. , 2013, , .		1
33	SMART: Secure Multi-pAths Routing for wireless sensor neTworks. Lecture Notes in Computer Science, 2014, , 332-345.	1.3	1
34	Inertial Measurement Unit: Evaluation for Indoor Positioning. , 2014, , .		1
35	On Optimal Robot Displacement for Efficient Coverage In WSN. , 2017, , .		1
36	Secure Scalable Blockchain for Sealed-Bid Auction in Energy Trading. , 2021, , .		1

#	Article	IF	Citations
37	BCSM: Blockchainâ€based cooperative spectrum management system for 5G NRâ€U and WiFi coexistence in the unlicensed band. IET Communications, 2022, 16, 977-987.	2.2	1
38	Poster abstract: Static analysis of device drivers in TinyOS. , 2014, , .		0