

# Shahram Babaie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1355619/publications.pdf>

Version: 2024-02-01

26  
papers

505  
citations

933447

10  
h-index

940533

16  
g-index

27  
all docs

27  
docs citations

27  
times ranked

421  
citing authors

#	ARTICLE	IF	CITATIONS
1	A hybrid intrusion detection system based on ABC-AFS algorithm for misuse and anomaly detection. Computer Networks, 2018, 136, 37-50.	5.1	187
2	Design of an Efficient Multilayer Arithmetic Logic Unit in Quantum-Dot Cellular Automata (QCA). IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 963-967.	3.0	74
3	A New Distributed Fault Detection Method for Wireless Sensor Networks. IEEE Systems Journal, 2020, 14, 4883-4890.	4.6	40
4	Green Internet of Things (GloT): Vision, applications and research challenges. Sustainable Computing: Informatics and Systems, 2020, 28, 100448.	2.2	25
5	An optimized Bidding-based coverage improvement algorithm for hybrid wireless sensor networks. Computers and Electrical Engineering, 2018, 65, 1-17.	4.8	21
6	A new self-diagnosing approach based on petri nets and correlation graphs for fault management in wireless sensor networks. Journal of Systems Architecture, 2013, 59, 582-600.	4.3	20
7	DEHCIC: A distributed energy-aware hexagon based clustering algorithm to improve coverage in wireless sensor networks. Peer-to-Peer Networking and Applications, 2019, 12, 689-704.	3.9	18
8	Double Bits Error Correction Using CRC Method. , 2009, , .		17
9	Selfish node detection in ad hoc networks based on fuzzy logic. Neural Computing and Applications, 2019, 31, 6079-6090.	5.6	17
10	A Route Segmented Broadcast Protocol Based on RFID for Emergency Message Dissemination in Vehicular Ad-Hoc Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 16017-16026.	6.3	16
11	The New Clustering Algorithm with Cluster Members bounds for energy dissipation avoidance in wireless sensor network. , 2010, , .		13
12	A Credit-based Method to Selfish Node Detection in Mobile Ad-hoc Network. Applied Computer Science, 2018, 23, 118-127.	0.5	12
13	A New Protection-Based Approach for Link Failure Management of Software-Defined Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 3303-3312.	6.4	8
14	The novel threshold based hierarchical clustering method for Wireless Sensor Networks. , 2010, , .		5
15	A Survey on Traffic Management in Software-Defined Networks: Challenges, Effective Approaches, and Potential Measures. Wireless Personal Communications, 2021, 118, 1507-1534.	2.7	5
16	A new selfish thing detection method based on Voronoi diagram for Internet of Things. Journal of Supercomputing, 2022, 78, 8389-8408.	3.6	5
17	A New Method for Improving Life Time in Wireless Sensor Network by Using Genetic Algorithm. Advances in Intelligent and Soft Computing, 2012, , 177-184.	0.2	4
18	Improving Fault Management Using Voting Mechanism in Wireless Sensor Networks. , 2010, , .		3

#	ARTICLE	IF	CITATIONS
19	CCGA: Clustering Based on Cluster Head with Genetic Algorithm in Wireless Sensor Network. , 2010, , .		3
20	DFDM: Decentralized fault detection mechanism to improving fault management in Wireless Sensor Networks. , 2011, , .		3
21	Localization in wireless sensor network by using mobile stations. , 2012, , .		1
22	NHEEP: A New Hybrid Energy Efficient Partitioning Approach for Wireless Sensor Network Clustering. International Journal of Information and Electronics Engineering, 2012, , .	0.2	1
23	Fault tolerant mechanism in grid based on Backup Node. , 2010, , .		0
24	Data-oriented architecture of sine and Cosine Functions. , 2010, , .		0
25	Localization in wireless sensor network by mobile stations based on random distribution. , 2011, , .		0
26	Proposing a novel method for clock synchronization in WSN. Computer Engineering and Applications Journal, 2015, 4, 95-106.	0.2	0