

# Amir Hossein Jahangir

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6624226/publications.pdf>

Version: 2024-02-01

43  
papers

279  
citations

1163065

8  
h-index

1125717

13  
g-index

45  
all docs

45  
docs citations

45  
times ranked

264  
citing authors

#	ARTICLE	IF	CITATIONS
1	A biometric security scheme for wireless body area networks. Journal of Information Security and Applications, 2018, 41, 62-74.	2.5	27
2	Benford's law behavior of Internet traffic. Journal of Network and Computer Applications, 2014, 40, 194-205.	9.1	25
3	A self-tuning controller for queuing delay regulation in TCP/AQM networks. Telecommunication Systems, 2019, 71, 215-229.	2.5	19
4	AQM controller design for TCP networks based on a new control strategy. Telecommunication Systems, 2014, 57, 295-311.	2.5	16
5	RT-TelSurg: Real Time Telesurgery Using SDN, Fog, and Cloud as Infrastructures. IEEE Access, 2021, 9, 52238-52251.	4.2	14
6	RACE: A Real-Time Scheduling Policy and Communication Architecture for Large-Scale Wireless Sensor Networks. , 2009, , .		13
7	Analysis of TESLA protocol in vehicular ad hoc networks using timed colored Petri nets. , 2015, , .		12
8	A content-based deep intrusion detection system. International Journal of Information Security, 2022, 21, 547-562.	3.4	11
9	DFT Calculations on Retro-Ene Reactions Part I: Allyl n-Butyl Sulfide Pyrolysis in the Gas Phase. Journal of Chemical Research, 2004, 2004, 585-588.	1.3	9
10	A polynomial algorithm for partitioning problems. Transactions on Embedded Computing Systems, 2010, 9, 1-38.	2.9	9
11	A new delay attack detection algorithm for PTP network in power substation. International Journal of Electrical Power and Energy Systems, 2021, 133, 107226.	5.5	9
12	Modeling and evaluating Reliable Real-Time degree in multi-hop Wireless Sensor Networks. , 2009, , .		8
13	Modeling and Evaluating the Reliability of Cluster-Based Wireless Sensor Networks. , 2010, , .		8
14	Improving the Performance of Heuristic Searches with Judicious Initial Point Selection. , 2008, , .		7
15	A compensated PID active queue management controller using an improved queue dynamic model. International Journal of Communication Systems, 2014, 27, 4543-4563.	2.5	7
16	An empirical study on TCP flow interarrival time distribution for normal and anomalous traffic. International Journal of Communication Systems, 2017, 30, e2881.	2.5	7
17	A parameterized graph-based framework for high-level test synthesis. The Integration VLSI Journal, 2006, 39, 363-381.	2.1	6
18	Improving hardware Trojan detection using scan chain based ring oscillators. Microprocessors and Microsystems, 2018, 63, 55-65.	2.8	6

#	ARTICLE	IF	CITATIONS
19	A New Multi Level Clustering Model to Increase Lifetime in Wireless Sensor Networks. , 2008, , .		5
20	A Quantitative Real-time Model for Multihop Wireless Sensor Networks. , 2007, , .		4
21	Survivability modeling of wireless sensor networks. , 2008, , .		4
22	Survivability Analysis of Wireless Sensor Network with Transient Faults. , 2008, , .		4
23	An Analytical Performance Evaluation for WSNs Using Loop-Free Bellman Ford Protocol. , 2009, , .		4
24	On the TCP Flow Inter-arrival Times Dsitribution. , 2011, , .		4
25	Time and energy cost analysis of Kerberos security protocol in Wireless Sensor Networks. , 2011, , .		4
26	Entropy based SYN flooding detection. , 2011, , .		4
27	An Effective Payload Attribution Scheme for Cybercriminal Detection Using Compressed Bitmap Index Tables and Traffic Downsampling. IEEE Transactions on Information Forensics and Security, 2018, 13, 850-860.	6.9	4
28	Survivability Performance Evaluation of WDM Networks with Wavelength Converters. Photonic Network Communications, 2006, 11, 15-27.	2.7	3
29	On the Gaussian Characteristics of Aggregated Short-Lived Flows on High-Bandwidth Links. , 2013, , .		3
30	Digesting Network Traffic for Forensic Investigation Using Digital Signal Processing Techniques. IEEE Transactions on Information Forensics and Security, 2019, 14, 3312-3321.	6.9	3
31	On the performance of trace locality of reference. Performance Evaluation, 2005, 60, 51-72.	1.2	2
32	Investigating the Baldwin effect on Cartesian Genetic Programming efficiency. , 2008, , .		2
33	Verification of OSPF vulnerabilities by colored Petri net. , 2013, , .		2
34	Session-persistent Load Balancing for Clustered Web Servers without Acting as a Reverse-proxy. , 2021, , .		2
35	Two-phase prediction of L1 data cache misses. IEE Proceedings: Computers and Digital Techniques, 2006, 153, 381.	1.6	1
36	Finding Aggregation Tree with Genetic Algorithm for Network Correlated Data Gathering. , 2008, , .		1

#	ARTICLE	IF	CITATIONS
37	Lazy instruction scheduling. , 2008, , .		1
38	R2T-DSDN: reliable real-time distributed controller-based SDN. Journal of Supercomputing, 2021, 77, 12420-12457.	3.6	1
39	Toward a comprehensive subjective evaluation of VoIP usersâ€™ quality of experience (QoE): a case study on Persian language. Multimedia Tools and Applications, 2021, 80, 31783.	3.9	1
40	A Generic Error-Free AI-Based Encoding for FFT Computation. Circuits, Systems, and Signal Processing, 2019, 38, 699-715.	2.0	1
41	FRT-SDN: an effective firm real time routing for SDN by early removal of late packets. Telecommunication Systems, 2022, 80, 359-382.	2.5	1
42	Testability improvement during high-level synthesis. , 2003, , .		0
43	Analytical Model of Time-Critical Wireless Sensor Network: Theory and Evaluation. , 0, , 183-202.		0