

# Yong Guan

## List of Publications by Year in descending order

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49  
papers

1,005  
citations

1040056

9  
h-index

1372567

10  
g-index

49  
all docs

49  
docs citations

49  
times ranked

893  
citing authors

#	ARTICLE	IF	CITATIONS
1	On Account Association With Assistance From Mobile Networks. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 3421-3433.	5.4	0
2	Towards Smartphone Operating System Identification. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 411-425.	5.4	0
3	Extreme climate increased crop nitrogen surplus in the United States. Agricultural and Forest Meteorology, 2021, 310, 108632.	4.8	9
4	Knowing your Bitcoin Customer: Money Laundering in the Bitcoin Economy. , 2020, , .		14
5	Bayesian Test for Detecting False Data Injection in Wireless Relay Networks. IEEE Communications Letters, 2018, 22, 380-383.	4.1	17
6	The Cell Dependency Analysis on Learning SRAM Power-Up States. , 2018, , .		2
7	Active Probing-Based Schemes and Data Analytics for Investigating Malicious Fast-Flux Web-Cloaking Based Domains. , 2018, , .		4
8	A Dynamic Taint Analysis Tool for Android App Forensics. , 2018, , .		3
9	Voice Pattern Hiding for VoIP Communications. , 2016, , .		3
10	Smartphone reconnaissance: Operating system identification. , 2016, , .		9
11	Identifying High-Cardinality Hosts from Network-Wide Traffic Measurements. IEEE Transactions on Dependable and Secure Computing, 2016, 13, 547-558.	5.4	38
12	Distinct element counting in distributed dynamic data streams. , 2015, , .		2
13	Identifying global hot items in distributed dynamic data streams. , 2014, , .		0
14	Delegation of Computation with Verification Outsourcing Using GENI Infrastructure. , 2014, , .		0
15	Identifying high-cardinality hosts from network-wide traffic measurements. , 2013, , .		2
16	A lightweight argument system with efficient verifier. , 2013, , .		0
17	FishEYE: A Forensic Tool for the visualization of change-over-time in Windows VSS. , 2013, , .		1
18	Lightweight Location Verification Algorithms for Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 938-950.	5.6	46

#	ARTICLE	IF	CITATIONS
19	Network Traffic Classification Using Correlation Information. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 104-117.	5.6	262
20	Near-optimal approximate membership query over time-decaying windows. , 2013, , .		9
21	A cross-layer routing protocol (CLRP) for cognitive radio network. , 2013, , .		13
22	A fast sketch for aggregate queries over high-speed network traffic. , 2012, , .		20
23	Detecting hidden communities in online auction networks. , 2012, , .		1
24	Monitoring Traffic Activity Graphs with low-rank matrix approximation. , 2012, , .		1
25	Accountable Anonymity: A Proxy Re-Encryption Based Anonymous Communication System. , 2012, , .		8
26	Pecan: A circuit-less P2P design for anonymity. , 2012, , .		1
27	Efficient Spectrum Searching and Monitoring in Cognitive Radio Network. , 2011, , .		21
28	Sketch-Based Streaming PCA Algorithm for Network-Wide Traffic Anomaly Detection. , 2010, , .		42
29	A Framework for Cooperative In-Band Sensing in Cognitive Radio Network. , 2010, , .		4
30	Lightweight Mutual Authentication and Ownership Transfer for RFID Systems. , 2010, , .		95
31	A Statistical Indoor Localization Method for Supporting Location-based Access Control. Mobile Networks and Applications, 2009, 14, 253-263.	3.3	18
32	DAR: A dynamic anchor regrouping scheme for securing localization service against wormhole attacks in Wireless Sensor Networks. , 2009, , .		3
33	A Framework for P2P Botnets. , 2009, , .		10
34	Lightweight Secure Search Protocols for Low-cost RFID Systems. , 2009, , .		32
35	TCP Performance in Flow-Based Mix Networks: Modeling and Analysis. IEEE Transactions on Parallel and Distributed Systems, 2009, 20, 695-709.	5.6	9
36	A Key Management Scheme Using Deployment Knowledge for Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 1411-1425.	5.6	79

#	ARTICLE	IF	CITATIONS
37	Detecting Click Fraud in Pay-Per-Click Streams of Online Advertising Networks. , 2008, , .		97
38	Wireless and Sensor Networks Security (WSNS) A Retrospection. , 2007, , .		1
39	On TCP Performance in Flow-Based Mix Networks. , 2007, , .		1
40	On TCP Performance in Flow-Based Mix Networks. , 2007, , .		0
41	A testbed for evaluation and analysis of stepping stone attack attribution techniques. , 2006, , .		5
42	TOPO: A Topology-aware Single Packet Attack Traceback Scheme. , 2006, , .		21
43	An Adaptive Reputation-based Trust Framework for Peer-to-Peer Applications. , 2005, , .		13
44	A lightweight statistical authentication protocol for access control in wireless LANs. , 2004, , .		0
45	A Quantitative Analysis of Anonymous Communications. IEEE Transactions on Reliability, 2004, 53, 103-115.	4.6	21
46	Dependable Handling of Uncertainty. Reliable Computing, 2003, 9, 407-418.	0.8	11
47	An efficient data dissemination method in wireless sensor networks. , 0, , .		16
48	Customizing GPSR for wireless sensor networks. , 0, , .		10
49	A robust group-based key management scheme for wireless sensor networks. , 0, , .		31