

# Kashif Sharif

## List of Publications by Year in descending order

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68  
papers

1,999  
citations

236925

25  
h-index

265206

42  
g-index

68  
all docs

68  
docs citations

68  
times ranked

2164  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Blockchain-Based Privacy-Preserving Payment Mechanism for Vehicle-to-Grid Networks. IEEE Network, 2018, 32, 184-192.	6.9	199
2	A Scalable Blockchain Framework for Secure Transactions in IoT. IEEE Internet of Things Journal, 2019, 6, 4650-4659.	8.7	154
3	PoBT: A Lightweight Consensus Algorithm for Scalable IoT Business Blockchain. IEEE Internet of Things Journal, 2020, 7, 2343-2355.	8.7	130
4	A Survey of Network Virtualization Techniques for Internet of Things Using SDN and NFV. ACM Computing Surveys, 2021, 53, 1-40.	23.0	119
5	ICN Publisher-Subscriber Models: Challenges and Group-based Communication. IEEE Network, 2019, 33, 156-163.	6.9	117
6	A comprehensive survey of interface protocols for software defined networks. Journal of Network and Computer Applications, 2020, 156, 102563.	9.1	85
7	Achieving Searchable and Privacy-Preserving Data Sharing for Cloud-Assisted E-Healthcare System. IEEE Internet of Things Journal, 2019, 6, 8345-8356.	8.7	74
8	A privacy-preserving data aggregation scheme for dynamic groups in fog computing. Information Sciences, 2020, 514, 118-130.	6.9	57
9	Interoperability and Synchronization Management of Blockchain-Based Decentralized e-Health Systems. IEEE Transactions on Engineering Management, 2020, 67, 1363-1376.	3.5	56
10	BSFP: Blockchain-Enabled Smart Parking With Fairness, Reliability and Privacy Protection. IEEE Transactions on Vehicular Technology, 2020, 69, 6578-6591.	6.3	51
11	Reliable and Privacy-Preserving Truth Discovery for Mobile Crowdsensing Systems. IEEE Transactions on Dependable and Secure Computing, 2019, , 1-1.	5.4	50
12	SDN Controllers. ACM Computing Surveys, 2021, 53, 1-40.	23.0	50
13	LPTD: Achieving lightweight and privacy-preserving truth discovery in CloT. Future Generation Computer Systems, 2019, 90, 175-184.	7.5	46
14	SUAA: A Secure User Authentication Scheme with Anonymity for the Single & Multi-server Environments. Information Sciences, 2019, 477, 369-385.	6.9	43
15	Privacy-preserving contact tracing in 5G-integrated and blockchain-based medical applications. Computer Standards and Interfaces, 2021, 77, 103520.	5.4	43
16	A payload-dependent packet rearranging covert channel for mobile VoIP traffic. Information Sciences, 2018, 465, 162-173.	6.9	39
17	PRIF: A Privacy-Preserving Interest-Based Forwarding Scheme for Social Internet of Vehicles. IEEE Internet of Things Journal, 2018, 5, 2457-2466.	8.7	37
18	A unified hybrid information-centric naming scheme for IoT applications. Computer Communications, 2020, 150, 103-114.	5.1	37

#	ARTICLE	IF	CITATIONS
19	PPMR: A Privacy-Preserving Online Medical Service Recommendation Scheme in eHealthcare System. IEEE Internet of Things Journal, 2019, 6, 5665-5673.	8.7	34
20	Covert Timing Channels for IoT over Mobile Networks. IEEE Wireless Communications, 2018, 25, 38-44.	9.0	33
21	GlobeChain: An Interoperable Blockchain for Global Sharing of Healthcare Data—A COVID-19 Perspective. IEEE Consumer Electronics Magazine, 2021, 10, 64-69.	2.3	32
22	Security and Privacy Challenges in Information-Centric Wireless Internet of Things Networks. IEEE Security and Privacy, 2020, 18, 35-45.	1.2	31
23	Blockchain for E-Health-Care Systems: Easier Said Than Done. Computer, 2020, 53, 57-67.	1.1	31
24	NCP: A near ICN Cache Placement Scheme for IoT-Based Traffic Class. , 2018, , .		30
25	PGAS: Privacy-preserving graph encryption for accurate constrained shortest distance queries. Information Sciences, 2020, 506, 325-345.	6.9	28
26	TPPR: A Trust-Based and Privacy-Preserving Platoon Recommendation Scheme in VANET. IEEE Transactions on Services Computing, 2022, 15, 806-818.	4.6	28
27	A Distributed ICN-Based IoT Network Architecture: An Ambient Assisted Living Application Case Study. , 2017, , .		27
28	Adaptive Multiple Metrics Routing Protocols for Heterogeneous Multi-Hop Wireless Networks. , 2008, , .		25
29	DAAC: Digital Asset Access Control in a Unified Blockchain Based E-Health System. IEEE Transactions on Big Data, 2022, 8, 1273-1287.	6.1	23
30	PRVB: Achieving Privacy-Preserving and Reliable Vehicular Crowdsensing via Blockchain Oracle. IEEE Transactions on Vehicular Technology, 2021, 70, 831-843.	6.3	23
31	RTSense: Providing Reliable Trust-Based Crowdsensing Services in CVCC. IEEE Network, 2018, 32, 20-26.	6.9	21
32	Pay as How You Behave: A Truthful Incentive Mechanism for Mobile Crowdsensing. IEEE Internet of Things Journal, 2019, 6, 10053-10063.	8.7	20
33	PPTDS: A privacy-preserving truth discovery scheme in crowd sensing systems. Information Sciences, 2019, 484, 183-196.	6.9	19
34	M2HAV: A Standardized ICN Naming Scheme for Wireless Devices in Internet of Things. Lecture Notes in Computer Science, 2017, , 289-301.	1.3	17
35	Mitigating Interference via Power Control for Two-Tier Femtocell Networks: A Hierarchical Game Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 7194-7198.	6.3	16
36	Mo-sleep: Unobtrusive sleep and movement monitoring via Wi-Fi signal. , 2016, , .		15

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37	MP-Coopetition: Competitive and Cooperative Mechanism for Multiple Platforms in Mobile Crowd Sensing. IEEE Transactions on Services Computing, 2021, 14, 1864-1876.	4.6	13
38	ClickLeak: Keystroke Leaks Through Multimodal Sensors in Cyber-Physical Social Networks. IEEE Access, 2017, 5, 27311-27321.	4.2	12
39	NNCP: A Named Data Network Control Protocol for IoT Applications. , 2018, , .		12
40	DOLPHIN: Dynamically Optimized and Load Balanced Path for Inter-Domain SDN Communication. IEEE Transactions on Network and Service Management, 2021, 18, 331-346.	4.9	12
41	PPLS: a privacy-preserving location-sharing scheme in mobile online social networks. Science China Information Sciences, 2020, 63, 1.	4.3	10
42	Aggregate in my way: Privacy-preserving data aggregation without trusted authority in ICN. Future Generation Computer Systems, 2020, 111, 107-116.	7.5	10
43	Multiple-Metric Hybrid Routing Protocol for Heterogeneous Wireless Access Networks. , 2009, , .		9
44	3P Framework: Customizable Permission Architecture for Mobile Applications. Lecture Notes in Computer Science, 2017, , 445-456.	1.3	8
45	SDBlockEdge: SDN-Blockchain Enabled Multihop Task Offloading in Collaborative Edge Computing. IEEE Sensors Journal, 2022, 22, 15537-15548.	4.7	8
46	A Hybrid Anycast Routing Protocol for Load Balancing in Heterogeneous Access Networks. , 2008, , .		7
47	A Novel Forwarding and Caching Scheme for Information-Centric Software-Defined Networks. , 2021, , .		7
48	When User Interest Meets Data Quality: A Novel User Filter Scheme for Mobile Crowd Sensing. , 2017, , .		6
49	T-CAM: Time-based content access control mechanism for ICN subscription systems. Future Generation Computer Systems, 2020, 106, 607-621.	7.5	6
50	Multi-layer-based opportunistic data collection in mobile crowdsourcing networks. World Wide Web, 2018, 21, 783-802.	4.0	5
51	Space Efficient Quantization for Deep Convolutional Neural Networks. Journal of Computer Science and Technology, 2019, 34, 305-317.	1.5	5
52	Privacy-Preserving and Fault-Tolerant Aggregation of Time-Series Data With a Semi-Trusted Authority. IEEE Internet of Things Journal, 2022, 9, 12231-12240.	8.7	5
53	Efficient Clustering Approach for Intrusion Detection in Ad Hoc Networks. , 2005, , .		4
54	Reliable and Privacy-Preserving Top- <i>k</i> Disease Matching Schemes for E-Healthcare Systems. IEEE Internet of Things Journal, 2022, 9, 5537-5547.	8.7	4

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55	Comparative analysis and design philosophy of next generation unified enterprise application security. , 0, , .		3
56	Efficient Group Proof of Storage With Malicious-Member Distinction and Revocation. IEEE Access, 2019, 7, 75476-75489.	4.2	3
57	Simulation Standardization: Current State and Cross-Platform System for Network Simulators. Communications in Computer and Information Science, 2018, , 497-508.	0.5	2
58	Enabling privacy-preserving multi-level attribute based medical service recommendation in eHealthcare systems. Peer-to-Peer Networking and Applications, 2021, 14, 1841-1853.	3.9	2
59	Dynamic Data Transaction in Crowdsensing Based on Multi-Armed Bandits and Shapley Value. IEEE Transactions on Sustainable Computing, 2022, 7, 609-618.	3.1	2
60	Anycast Based Lightweight Routing Protocol for Mobile Sink Discovery in Sensor Networks. , 2010, , .		1
61	Multiple-metric hybrid anycast protocol for heterogeneous access networks. International Journal of Ad Hoc and Ubiquitous Computing, 2011, 8, 36.	0.5	1
62	A Privacy-Preserving Location-Aware and Traffic Order-Based Route Collection Scheme in VANETs. , 2020, , .		1
63	V-EPTD: A Verifiable and Efficient Scheme for Privacy-Preserving Truth Discovery. Lecture Notes in Computer Science, 2022, , 447-461.	1.3	1
64	A Multi-Priority Application Framework For Mobile Ad Hoc Networks. , 0, , .		0
65	Performance Analysis of Unified Enterprise Application Security Framework. , 2005, , .		0
66	Image-based spacecraft pointing model using single-bank dual-band registration. International Journal of Remote Sensing, 2014, 35, 7583-7613.	2.9	0
67	Optimizing CDMA networks for multimedia applications through adaptive modulation. , 2005, , .		0
68	Achieving Efficient and Privacy-preserving Biometric Identification in Cloud Computing. , 2021, , .		0