

Kaiqi Xiong

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

933447

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888059

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g-index

27
all docs

27
docs citations

27
times ranked

327
citing authors

#	ARTICLE	IF	CITATIONS
1	Bitcoin Concepts, Threats, and Machine-Learning Security Solutions. IEEE Access, 2018, 6, 67189-67205.	4.2	96
2	A survey on security attacks and defense techniques for connected and autonomous vehicles. Computers and Security, 2021, 109, 102269.	6.0	59
3	A Machine Learning Framework for Domain Generation Algorithm-Based Malware Detection. IEEE Access, 2019, 7, 32765-32782.	4.2	53
4	Phishlimiter: A Phishing Detection and Mitigation Approach Using Software-Defined Networking. IEEE Access, 2018, 6, 42516-42531.	4.2	33
5	An SDN-supported collaborative approach for DDoS flooding detection and containment. , 2015, , .		31
6	Secure Software-Defined Networking Communication Systems for Smart Cities: Current Status, Challenges, and Trends. IEEE Access, 2021, 9, 12083-12113.	4.2	29
7	SDN Security Review: Threat Taxonomy, Implications, and Open Challenges. IEEE Access, 2022, 10, 45820-45854.	4.2	27
8	SYNGuard: Dynamic threshold-based SYN flood attack detection and mitigation in software-defined networks. IET Networks, 2021, 10, 76-87.	1.8	13
9	A Machine Learning Framework for Studying Domain Generation Algorithm (DGA)-Based Malware. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 433-448.	0.3	13
10	Applying software-defined networking to minimize the end-to-end delay of network services. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 2018, 18, 30-40.	0.9	11
11	A Review of Recent Advances and Security Challenges in Emerging E-Enabled Aircraft Systems. IEEE Access, 2019, 7, 63164-63180.	4.2	11
12	A Distributed Cloud-based Wide-Area Controller with SDN-Enabled Delay Optimization. , 2018, , .		10
13	A Software-defined Networking-based Detection and Mitigation Approach against KRACK. , 2019, , .		7
14	Improving the localization accuracy of targets by using their spatial-temporal relationships in wireless sensor networks. Journal of Parallel and Distributed Computing, 2012, 72, 1008-1018.	4.1	6
15	MPBSD: A Moving Target Defense Approach for Base Station Security in Wireless Sensor Networks. Lecture Notes in Computer Science, 2016, , 487-498.	1.3	6
16	SDN-ERS: A Timely Software Defined Networking Framework for Emergency Response Systems. , 2018, , .		6
17	SDN-Based Kernel Modular Countermeasure for Intrusion Detection. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 270-290.	0.3	6
18	LatencySmasher: A Software-Defined Networking-Based Framework for End-to-End Latency Optimization. , 2019, , .		5

#	ARTICLE	IF	CITATIONS
19	CRAMStrack: Enhanced Nonlinear RSSI Tracking by Using Circular Multi-Sectors. Journal of Signal Processing Systems, 2021, 93, 79-97.	2.1	5
20	A Preemption-Based Timely Software Defined Networking Framework for Emergency Response Traffic Delivery. , 2019, , .		4
21	A Customized Educational Booster for Online Students in Cybersecurity Education. , 2019, , .		4
22	Understanding ProtoGENI in Networking Courses for Research and Education. , 2013, , .		2
23	Leveraging a cloud-based testbed and software-defined networking for cybersecurity and networking education. Engineering Reports, 2021, 3, e12395.	1.7	2
24	Kernel-Space Intrusion Detection Using Software-Defined Networking. EAI Endorsed Transactions on Security and Safety, 2018, 5, 155168.	0.6	2
25	Route recommendation for evacuation networks using MMPP/M/1/N queueing models. Computer Communications, 2022, 185, 23-39.	5.1	1
26	QoSP: A Priority-Based Queueing Mechanism in Software-Defined Networking Environments. , 2021, , .		1
27	Aggregation Measure Factor-Based Workflow Application Scheduling in Heterogeneous Environments. IEEE Access, 2020, 8, 89850-89865.	4.2	0