Zhiliang Wang

List of Publications by Year
in descending order

		1163117	1058476
21 papers	477 citations	8 h-index	14 g-index
21 all docs	21 docs citations	21 times ranked	439 citing authors

#	Article	IF	Citations
1	HELAD: A novel network anomaly detection model based on heterogeneous ensemble learning. Computer Networks, 2020, 169, 107049.	5.1	105
2	Traffic Engineering in SDN/OSPF Hybrid Network. , 2014, , .		102
3	Evaluating and Improving Adversarial Robustness of Machine Learning-Based Network Intrusion Detectors. IEEE Journal on Selected Areas in Communications, 2021, 39, 2632-2647.	14.0	50
4	Traffic engineering in hybrid SDN networks with multiple traffic matrices. Computer Networks, 2017, 126, 187-199.	5.1	34
5	DeepAID: Interpreting and Improving Deep Learning-based Anomaly Detection in Security Applications. , 2021, , .		27
6	A Survey on Network Verification and Testing With Formal Methods: Approaches and Challenges. IEEE Communications Surveys and Tutorials, 2019, 21, 940-969.	39.4	25
7	Efficient Scheduling of Weighted Coflows in Data Centers. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 2003-2017.	5.6	23
8	More load, more differentiation &#x2014; A design principle for deadline-aware congestion control. , 2015, , .		19
9	Traffic Engineering in Partially Deployed Segment Routing Over IPv6 Network With Deep Reinforcement Learning. IEEE/ACM Transactions on Networking, 2020, 28, 1573-1586.	3.8	19
10	SOTE: Traffic engineering in hybrid software defined networks. Computer Networks, 2019, 154, 60-72.	5.1	15
11	Routing optimization with path cardinality constraints in a hybrid SDN. Computer Communications, 2021, 165, 112-121.	5.1	12
12	Traffic Engineering in Hybrid Software Defined Network via Reinforcement Learning. Journal of Network and Computer Applications, 2021, 189, 103116.	9.1	8
13	More load, more differentiation â€" Let more flows finish before deadline in data center networks. Computer Networks, 2017, 127, 352-367.	5.1	6
14	DET: Enabling Efficient Probing of IPv6 Active Addresses. IEEE/ACM Transactions on Networking, 2022, 30, 1629-1643.	3.8	6
15	DA&FDâ€"Deadline-Aware and Flow Duration-Based Rate Control for Mixed Flows in DCNs. IEEE/ACM Transactions on Networking, 2019, 27, 2458-2471.	3.8	5
16	Efficient and Accurate Flow Record Collection With HashFlow. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1069-1083.	5.6	5
17	ByteIoT: A Practical IoT Device Identification System Based on Packet Length Distribution. IEEE Transactions on Network and Service Management, 2022, 19, 1717-1728.	4.9	5
18	Boosting bandwidth availability over inter-DC WAN. , 2021, , .		4

#	Article	IF	Citations
19	FDRC - Flow duration time based rate control in data center networks. , 2016, , .		3
20	Slider: Towards Precise, Robust and Updatable Sketch-based DDoS Flooding Attack Detection. , 2021, , .		3
21	Deception Maze: A Stackelberg Game-Theoretic Defense Mechanism for Intranet Threats. , 2021, , .		1