

# Zhiliang Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/759772/publications.pdf>

Version: 2024-02-01

21  
papers

477  
citations

1163117

8  
h-index

1058476

14  
g-index

21  
all docs

21  
docs citations

21  
times ranked

439  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Efficient and Accurate Flow Record Collection With HashFlow. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1069-1083.                                      | 5.6  | 5         |
| 2  | ByteloT: 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         |
| 3  | DET: Enabling Efficient Probing of IPv6 Active Addresses. IEEE/ACM Transactions on Networking, 2022, 30, 1629-1643.   | 3.8  | 6         |
| 4  | Routing optimization with path cardinality constraints in a hybrid SDN. Computer Communications, 2021, 165, 112-121.  | 5.1  | 12        |
| 5  | Deception Maze: A Stackelberg Game-Theoretic Defense Mechanism for Intranet Threats. , 2021, , .  |      | 1         |
| 6  | 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        |
| 7  | Traffic Engineering in Hybrid Software Defined Network via Reinforcement Learning. Journal of Network and Computer Applications, 2021, 189, 103116.                           | 9.1  | 8         |
| 8  | DeepAID: Interpreting and Improving Deep Learning-based Anomaly Detection in Security Applications. , 2021, , .   |      | 27        |
| 9  | Slider: Towards Precise, Robust and Updatable Sketch-based DDoS Flooding Attack Detection. , 2021, , .  |      | 3         |
| 10 | Boosting bandwidth availability over inter-DC WAN. , 2021, , .  |      | 4         |
| 11 | HELAD: A novel network anomaly detection model based on heterogeneous ensemble learning. Computer Networks, 2020, 169, 107049.  | 5.1  | 105       |
| 12 | 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        |
| 13 | Efficient Scheduling of Weighted Coflows in Data Centers. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 2003-2017.   | 5.6  | 23        |
| 14 | SOTE: Traffic engineering in hybrid software defined networks. Computer Networks, 2019, 154, 60-72.   | 5.1  | 15        |
| 15 | DA&FD“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 | 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        |
| 17 | More load, more differentiation “ Let more flows finish before deadline in data center networks. Computer Networks, 2017, 127, 352-367.                                       | 5.1  | 6         |
| 18 | Traffic engineering in hybrid SDN networks with multiple traffic matrices. Computer Networks, 2017, 126, 187-199.   | 5.1  | 34        |

| #  | ARTICLE  | IF | CITATIONS |
|----|--|----|-----------|
| 19 | FDRC - Flow duration time based rate control in data center networks. , 2016, , .                              |    | 3         |
| 20 | More load, more differentiation &#x2014; A design principle for deadline-aware congestion control. , 2015, , . |    | 19        |
| 21 | Traffic Engineering in SDN/OSPF Hybrid Network. , 2014, , .  |    | 102       |