

# Po-Ching Lin

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

522  
citations

1040056

9  
h-index

888059

17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Controllable Path Planning and Traffic Scheduling for Emergency Services in the Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 12399-12413.	8.0	16
2	Decentralized Public-Key Infrastructure With Blockchain in V2X Communications: Promising or Only Euphoria?. IEEE Security and Privacy, 2022, 20, 40-50.	1.2	2
3	Machine Learning With Variational AutoEncoder for Imbalanced Datasets in Intrusion Detection. IEEE Access, 2022, 10, 15247-15260.	4.2	11
4	Security and Privacy for 6G: A Survey on Prospective Technologies and Challenges. IEEE Communications Surveys and Tutorials, 2021, 23, 2384-2428.	39.4	140
5	CREME: A toolchain of automatic dataset collection for machine learning in intrusion detection. Journal of Network and Computer Applications, 2021, 193, 103212.	9.1	6
6	A Beamforming Signal-Based Verification Scheme for Data Sharing in 5G Vehicular Networks. IEEE Access, 2020, 8, 211723-211737.	4.2	3
7	An Unsupervised Deep Learning Model for Early Network Traffic Anomaly Detection. IEEE Access, 2020, 8, 30387-30399.	4.2	117
8	Enhancing Misbehavior Detection in 5G Vehicle-to-Vehicle Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 9417-9430.	6.3	31
9	Multi-Array Relative Positioning for Verifying the Truthfulness of V2X Messages. IEEE Communications Letters, 2019, 23, 1704-1707.	4.1	7
10	Energy Depletion Attacks in Low Power Wireless Networks. IEEE Access, 2019, 7, 51915-51932.	4.2	49
11	Physical signal-driven fusion for V2X misbehavior detection. , 2019, , .		6
12	StateFit: A Security Framework for SDN Programmable Data Plane Model. , 2018, , .		3
13	Toward Optimal Resource Allocation of Virtualized Network Functions for Hierarchical Datacenters. IEEE Transactions on Network and Service Management, 2018, 15, 1532-1544.	4.9	16
14	Rapid detection of disobedient forwarding on compromised OpenFlow switches. , 2017, , .		8
15	Optimal Placement of Network Security Monitoring Functions in NFV-Enabled Data Centers. , 2017, , .		8
16	VRS: a values-based reputation system for web services. Security and Communication Networks, 2016, 9, 6335-6350.	1.5	1
17	A Resource-Constrained Asymmetric Redundancy Elimination Algorithm. IEEE/ACM Transactions on Networking, 2015, 23, 1135-1148.	3.8	1
18	Towards fine-grained traffic classification for web applications. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	Guest Editorial Deep Packet Inspection: Algorithms, Hardware, and Applications. IEEE Journal on Selected Areas in Communications, 2014, 32, 1781-1783.	14.0	3
20	On-the-Fly Capture and Replay Mechanisms for Multi-Port Network Devices in Operational Networks. IEEE Transactions on Network and Service Management, 2014, 11, 158-171.	4.9	3
21	CacheQuery: A practical asymmetric communication algorithm. , 2012, , .		1
22	Evasion Techniques: Sneaking through Your Intrusion Detection/Prevention Systems. IEEE Communications Surveys and Tutorials, 2012, 14, 1011-1020.	39.4	61
23	A Hybrid Algorithm of Backward Hashing and Automaton Tracking for Virus Scanning. IEEE Transactions on Computers, 2011, 60, 594-601.	3.4	29