

# Yi Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6747962/publications.pdf>

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40  
papers

1,129  
citations

1163065

8  
h-index

996954

15  
g-index

40  
all docs

40  
docs citations

40  
times ranked

783  
citing authors

#	ARTICLE	IF	CITATIONS
1	Partial Synchronization to Accelerate Federated Learning Over Relay-Assisted Edge Networks. IEEE Transactions on Mobile Computing, 2022, 21, 4502-4516.	5.8	17
2	Heterogeneity-Aware Gradient Coding for Tolerating and Leveraging Stragglers. IEEE Transactions on Computers, 2022, 71, 779-794.	3.4	2
3	Rethinking Fine-Grained Measurement From Software-Defined Perspective: A Survey. IEEE Transactions on Services Computing, 2022, 15, 3649-3667.	4.6	3
4	Aeolus: A Building Block for Proactive Transport in Datacenter Networks. IEEE/ACM Transactions on Networking, 2022, 30, 542-556.	3.8	1
5	Meet: Rack-Level Pooling Based Load Balancing in Datacenter Networks. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 3628-3639.	5.6	1
6	T-Cache: Efficient Policy-Based Forwarding Using Small TCAM. IEEE/ACM Transactions on Networking, 2021, 29, 2693-2708.	3.8	8
7	On the Prefix Granularity Problem in NDN Adaptive Forwarding. IEEE/ACM Transactions on Networking, 2021, 29, 2820-2833.	3.8	7
8	ATM: An Active-Detection Trust Mechanism for VANETs Based on Blockchain. IEEE Transactions on Vehicular Technology, 2021, 70, 4011-4021.	6.3	31
9	HybridFlow: Achieving Load Balancing in Software-Defined WANs With Scalable Routing. IEEE Transactions on Communications, 2021, 69, 5255-5268.	7.8	10
10	<i>TVG-Streaming</i>: Learning User Behaviors for QoE-Optimized 360-Degree Video Streaming. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4107-4120.	8.3	10
11	Packet-size aware scheduling algorithms in guard band for time sensitive networking. CCF Transactions on Networking, 2020, 3, 4-20.	1.1	15
12	Software-Defined Networking-Assisted Content Delivery at Edge of Mobile Social Networks. IEEE Internet of Things Journal, 2020, 7, 8122-8132.	8.7	5
13	Mobile Vehicles as Fog Nodes for Latency Optimization in Smart Cities. IEEE Transactions on Vehicular Technology, 2020, 69, 9364-9375.	6.3	79
14	A Local Communication System Over Wi-Fi Direct: Implementation and Performance Evaluation. IEEE Internet of Things Journal, 2020, 7, 5140-5158.	8.7	13
15	Aeolus. , 2020, , .		60
16	CMU: Towards Cooperative Content Caching with User Device in Mobile Edge Networks. Lecture Notes in Computer Science, 2020, , 210-227.	1.3	1
17	Preventing "bad" content dispersal in named data networking. China Communications, 2018, 15, 109-119.	3.2	1
18	Preventing "bad" content dispersal in named data networking. , 2017, , .		8

#	ARTICLE	IF	CITATIONS
19	SDNShield: Reconciliating Configurable Application Permissions for SDN App Markets. , 2016, , .		30
20	Towards line-speed and accurate on-line popularity monitoring on NDN routers. , 2014, , .		17
21	Fast name lookup for Named Data Networking. , 2014, , .		31
22	LOOP: Layer-based overlay and optimized polymerization for multiple virtual tables. , 2013, , .		1
23	GreenRouter: Reducing Power by Innovating Router's Architecture. IEEE Computer Architecture Letters, 2013, 12, 51-54.	1.5	5
24	NameFilter: Achieving fast name lookup with low memory cost via applying two-stage Bloom filters. , 2013, , .		66
25	GPU-accelerated name lookup with component encoding. Computer Networks, 2013, 57, 3165-3177.	5.1	17
26	EMC: The Effective Multi-Path Caching Scheme for Named Data Networking. , 2013, , .		6
27	Towards a secure controller platform for openflow applications. , 2013, , .		128
28	NDNBench: A benchmark for Named Data Networking lookup. , 2013, , .		6
29	Greedy name lookup for named data networking. , 2013, , .		7
30	Mitigate DDoS attacks in NDN by interest traceback. , 2013, , .		94
31	Greedy name lookup for named data networking. Performance Evaluation Review, 2013, 41, 359-360.	0.6	8
32	On pending interest table in named data networking. , 2012, , .		69
33	Approaching optimal compression with fast update for large scale routing tables. , 2012, , .		11
34	Popularity-driven coordinated caching in named data networking. , 2012, , .		102
35	Greening the Internet Using Multi-frequency Scaling Scheme. , 2012, , .		11
36	Scalable Name Lookup in NDN Using Effective Name Component Encoding. , 2012, , .		108

#	ARTICLE	IF	CITATIONS
37	GreenVLAN: An energy-efficient approach for VLAN design. , 2012, , .		9
38	Parallel Name Lookup for Named Data Networking. , 2011, , .		20
39	Cache-Based Scalable Deep Packet Inspection with Predictive Automaton. , 2010, , .		3
40	Virtual routers on the move. , 2008, , .		108