

# Konstantinos V Katsaros

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,818  
citations

933447

10  
h-index

996975

15  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1578  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Distribution of ML Workloads to the Network Edge and Beyond. , 2021, , .		4
2	On the Resource Consumption of Distributed ML. , 2021, , .		1
3	A Distributed ML Framework for Service Deployment in the 5G-based Automotive Vertical. , 2021, , .		0
4	MESON: Optimized Cross-Slice Communication for Edge Computing. IEEE Communications Magazine, 2020, 58, 23-28.	6.1	13
5	Federated vs. Centralized Machine Learning under Privacy-elastic Users: A Comparative Analysis. , 2020, , .		30
6	A Distributed Interdomain Control System for Information-Centric Content Delivery. IEEE Systems Journal, 2019, 13, 1568-1579.	4.6	3
7	Cost-Efficient NFV-Enabled Mobile Edge-Cloud for Low Latency Mobile Applications. IEEE Transactions on Network and Service Management, 2018, 15, 475-488.	4.9	84
8	Cost-Efficient Low Latency Communication Infrastructure for Synchrophasor Applications in Smart Grids. IEEE Systems Journal, 2018, 12, 948-958.	4.6	31
9	Experimenting with cache peering in multi-tenant 5G networks. , 2018, , .		1
10	IP Over ICN Goes Live. , 2018, , .		10
11	Cross-Domain Network Slicing for Industrial Applications. , 2018, , .		15
12	Interoperability and Decentralization as Key Technologies for Future Smart Urban Environments. , 2018, , .		1
13	Efficient content delivery through fountain coding in opportunistic information-centric networks. Computer Communications, 2017, 100, 118-128.	5.1	8
14	OpenFlow-compliant topology management for SDN-enabled Information Centric Networks. , 2017, , .		7
15	SDN/NFV based caching solution for future mobile network (5G). , 2017, , .		7
16	Cache peering in multi-tenant 5G networks. , 2017, , .		8
17	Information-aware access network selection. , 2017, , .		0
18	Edge-ICN and its application to the Internet of Things. , 2017, , .		9

#	ARTICLE	IF	CITATIONS
19	Enhancing multi-source content delivery in content-centric networks with fountain coding. , 2016, , .		0
20	Seamless Support of Low Latency Mobile Applications with NFV-Enabled Mobile Edge-Cloud. , 2016, , .		34
21	Resilience of interdependent communication and power distribution networks against cascading failures. , 2016, , .		15
22	Hierarchical, virtualised and distributed intelligence 5G architecture for low latency and secure applications. Transactions on Emerging Telecommunications Technologies, 2016, 27, 1233-1241.	3.9	13
23	Information-Centric Connectivity. , 2016, 54, 50-57.		6
24	An Information-Centric Communication Infrastructure for Real-Time State Estimation of Active Distribution Networks. IEEE Transactions on Smart Grid, 2015, 6, 2134-2146.	9.0	61
25	Enabling resilient smart grid communication over the information-centric C-DAX middleware. , 2015, , .		13
26	H-Pastry: An inter-domain topology aware overlay for the support of name-resolution services in the future Internet. Computer Communications, 2015, 62, 13-22.	5.1	17
27	On the inter-domain scalability of route-by-name Information-Centric Network Architectures. , 2015, , .		4
28	Bloom Filter Based Inter-Domain Name Resolution. , 2015, , .		10
29	Enabling Smart Grid Applications with ICN. , 2015, , .		8
30	Supporting smart electric vehicle charging with information-centric networking. , 2014, , .		8
31	A Survey of Information-Centric Networking Research. IEEE Communications Surveys and Tutorials, 2014, 16, 1024-1049.	39.4	1,039
32	Information-centric networking for machine-to-machine data delivery: a case study in smart grid applications. IEEE Network, 2014, 28, 58-64.	6.9	75
33	Low latency communication infrastructure for synchrophasor applications in distribution networks. , 2014, , .		19
34	Handling mobility in future publish-subscribe information-centric networks. Telecommunication Systems, 2013, 53, 299-314.	2.5	4
35	GlobeTraff: A Traffic Workload Generator for the Performance Evaluation of Future Internet Architectures. , 2012, , .		27
36	Cloud Computing for Global Name-Resolution in Information-centric Networks. , 2012, , .		9

#	ARTICLE	IF	CITATIONS
37	On Inter-Domain Name Resolution for Information-Centric Networks. Lecture Notes in Computer Science, 2012, , 13-26.	1.3	28
38	Support of multiple content variants in the multimedia broadcast/multicast service. International Journal of Communication Systems, 2011, 24, 691-708.	2.5	9
39	MultiCache: An overlay architecture for information-centric networking. Computer Networks, 2011, 55, 936-947.	5.1	91
40	Experimentally-Driven Research in Publish/Subscribe Information-Centric Inter-Networking. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2011, , 469-485.	0.3	6
41	A Hybrid Overlay Multicast and Caching Scheme for Information-Centric Networking. , 2010, , .		18
42	MultiCache: An Incrementally Deployable Overlay Architecture for Information-Centric Networking. , 2010, , .		13
43	A BitTorrent module for the OMNeT&#x002B;&#x002B; simulator. , 2009, , .		17
44	Router Assisted Overlay Multicast. , 2009, , .		5
45	Supporting Mobile streaming services in future publish/subscribe networks. , 2009, , .		1
46	Mobility-Aware Grid Computing. , 2009, , 2626-2630.		0
47	Power Control in WLANs for Optimization of Social Fairness. , 2008, , .		2
48	Design challenges of open spectrum access. , 2008, , .		1
49	Optimizing Operation of a Hierarchical Campus-Wide Mobile Grid. , 2007, , .		10
50	Towards the realization of a mobile grid. , 2007, , .		8
51	Optimizing Operation of a Hierarchical Campus-wide Mobile Grid for Intermittent Wireless Connectivity. , 2007, , .		15