

George Pavlou

List of Publications by Year in descending order

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49
papers

1,412
citations

840776

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839539

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49
all docs

49
docs citations

49
times ranked

1213
citing authors

#	ARTICLE	IF	CITATIONS
1	Resource Provisioning and Allocation in Function-as-a-Service Edge-Clouds. IEEE Transactions on Services Computing, 2022, 15, 2410-2424.	4.6	30
2	A Congestion Control Framework Based on In-Network Resource Pooling. IEEE/ACM Transactions on Networking, 2022, 30, 683-697.	3.8	4
3	FogSpot: Spot Pricing for Application Provisioning in Edge/Fog Computing. IEEE Transactions on Services Computing, 2021, 14, 1781-1795.	4.6	19
4	Framework and Algorithms for Operator-Managed Content Caching. IEEE Transactions on Network and Service Management, 2020, 17, 562-576.	4.9	1
5	Load Imbalance and Caching Performance of Sharded Systems. IEEE/ACM Transactions on Networking, 2020, 28, 112-125.	3.8	3
6	DEEM: Enabling Microservices via DEvice Edge Markets. , 2019, , .		0
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	Enhancing Information Resilience in Disruptive Information-Centric Networks. IEEE Transactions on Network and Service Management, 2018, 15, 746-760.	4.9	10
9	On-path Cloudlet Pricing for Low Latency Application Provisioning. , 2018, , .		3
10	Self-Adaptive Decentralized Monitoring in Software-Defined Networks. IEEE Transactions on Network and Service Management, 2018, 15, 1277-1291.	4.9	19
11	Edge-MAP: Auction Markets for Edge Resource Provisioning. , 2018, , .		21
12	Algorithms for Fault-Tolerant Placement of Stateful Virtualized Network Functions. , 2018, , .		18
13	CacheMAST: Cache Management Analysis and Visualization Tool. , 2017, , .		0
14	Decentralized monitoring for large-scale Software-Defined Networks. , 2017, , .		6
15	SigMA: Signaling Framework for Decentralized Network Management Applications. IEEE Transactions on Network and Service Management, 2017, 14, 616-630.	4.9	7
16	Path-Based Epidemic Spreading in Networks. IEEE/ACM Transactions on Networking, 2017, 25, 565-578.	3.8	16
17	On Uncoordinated Service Placement in Edge-Clouds. , 2017, , .		48
18	Adaptive traffic monitoring for software dataplanes. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Tube streaming: Modelling collaborative media streaming in urban railway networks. , 2016, , .		5
20	Extensible signaling framework for decentralized network management applications. , 2016, , .		5
21	Understanding sharded caching systems. , 2016, , .		18
22	Opportunistic off-path content discovery in information-centric networks. , 2016, , .		18
23	Resilience of interdependent communication and power distribution networks against cascading failures. , 2016, , .		15
24	Scalable Cache Management for ISP-Operated Content Delivery Services. IEEE Journal on Selected Areas in Communications, 2016, 34, 2063-2076.	14.0	18
25	Flexible Traffic Splitting in OpenFlow Networks. IEEE Transactions on Network and Service Management, 2016, 13, 407-420.	4.9	21
26	Network and service management [Series Editorial]. , 2015, 53, 276-277.		0
27	Revisiting Resource Pooling. , 2014, , .		7
28	A longitudinal analysis of Internet rate limitations. , 2014, , .		4
29	Towards multi-tenant cache management for ISP networks. , 2014, , .		4
30	Network and service management [Series Editorial]. , 2014, 52, 106-107.		0
31	A hybrid management substrate structure for adaptive network resource management. , 2014, , .		6
32	Name-based replication priorities in disaster cases. , 2014, , .		34
33	Proactive multi-tenant cache management for virtualized ISP networks. , 2014, , .		10
34	Icarus: a Caching Simulator for Information Centric Networking (ICN). , 2014, , .		92
35	Internet-scale content mediation in information-centric networks. Annales Des Telecommunications/Annals of Telecommunications, 2013, 68, 167-177.	2.5	14
36	On the Selection of Management/Monitoring Nodes in Highly Dynamic Networks. IEEE Transactions on Computers, 2013, 62, 1207-1220.	3.4	22

#	ARTICLE	IF	CITATIONS
37	More control over network resources: An ISP caching perspective. , 2013, , .		18
38	Cache â€œless for moreâ€•in information-centric networks (extended version). Computer Communications, 2013, 36, 758-770.	5.1	230
39	Probabilistic in-network caching for information-centric networks. , 2012, , .		451
40	Information-centric networking [Guest editorial]. , 2012, 50, 22-25.		6
41	AMPLE: an adaptive traffic engineering system based on virtual routing topologies. , 2012, 50, 185-191.		11
42	Adaptive post-failure load balancing in fast reroute enabled IP networks. , 2011, , .		2
43	Curling: Content-ubiquitous resolution and delivery infrastructure for next-generation services. , 2011, 49, 112-120.		72
44	Federation of Future Internet Networks. , 2010, , .		2
45	Policy conflict analysis for diffserv quality of service management. IEEE Transactions on Network and Service Management, 2009, 6, 15-30.	4.9	30
46	Joint optimization of intra- and inter-autonomous system traffic engineering. IEEE Transactions on Network and Service Management, 2009, 6, 64-79.	4.9	5
47	A Closed-Loop Control Traffic Engineering System for the Dynamic Load Balancing of Inter-AS Traffic. Journal of Network and Systems Management, 2009, 17, 343-370.	4.9	1
48	Topics in Network and Service Management [Guest Editorial]. , 2008, 46, 136-137.		0
49	Topics in network and service management [Guest Editorial]. , 2008, 46, 138-139.		1