

Wei Koong Chai

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,651
citations

687363

13
h-index

794594

19
g-index

37
all docs

37
docs citations

37
times ranked

1273
citing authors

#	ARTICLE	IF	CITATIONS
1	Probabilistic in-network caching for information-centric networks. , 2012, , .		451
2	Cache â€œless for moreâ€•in information-centric networks (extended version). Computer Communications, 2013, 36, 758-770.	5.1	230
3	Cache â€œLess for Moreâ€•in Information-Centric Networks. Lecture Notes in Computer Science, 2012, , 27-40.	1.3	179
4	In-Network Cache Management and Resource Allocation for Information-Centric Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2920-2931.	5.6	129
5	Modelling and Evaluation of CCN-Caching Trees. Lecture Notes in Computer Science, 2011, , 78-91.	1.3	109
6	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
7	Curling: Content-ubiquitous resolution and delivery infrastructure for next-generation services. , 2011, 49, 112-120.		72
8	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
9	QoE-Assured 4K HTTP Live Streaming via Transient Segment Holding at Mobile Edge. IEEE Journal on Selected Areas in Communications, 2018, 36, 1816-1830.	14.0	52
10	DR-Cache: Distributed Resilient Caching with Latency Guarantees. , 2018, , .		36
11	Seamless Support of Low Latency Mobile Applications with NFV-Enabled Mobile Edge-Cloud. , 2016, , .		34
12	Cost-Efficient Low Latency Communication Infrastructure for Synchronphasor Applications in Smart Grids. IEEE Systems Journal, 2018, 12, 948-958.	4.6	31
13	Low latency communication infrastructure for synchronphasor applications in distribution networks. , 2014, , .		19
14	Multi-criteria decision algorithms for efficient content delivery in content networks. Annales Des Telecommunications/Annals of Telecommunications, 2013, 68, 153-165.	2.5	18
15	Path-Based Epidemic Spreading in Networks. IEEE/ACM Transactions on Networking, 2017, 25, 565-578.	3.8	16
16	A dynamic spatialâ€“temporal deep learning framework for traffic speed prediction on large-scale road networks. Expert Systems With Applications, 2022, 195, 116585.	7.6	16
17	Resilience of interdependent communication and power distribution networks against cascading failures. , 2016, , .		15
18	Internet-scale content mediation in information-centric networks. Annales Des Telecommunications/Annals of Telecommunications, 2013, 68, 167-177.	2.5	14

#	ARTICLE	IF	CITATIONS
19	A joint temporal-spatial ensemble model for short-term traffic prediction. <i>Neurocomputing</i> , 2021, 457, 26-39.	5.9	14
20	Bloom Filter Based Inter-Domain Name Resolution. , 2015, , .		10
21	Supporting smart electric vehicle charging with information-centric networking. , 2014, , .		8
22	Efficient content delivery through fountain coding in opportunistic information-centric networks. <i>Computer Communications</i> , 2017, 100, 118-128.	5.1	8
23	Crowdcloud: a crowdsourced system for cloud infrastructure. <i>Cluster Computing</i> , 2019, 22, 455-470.	5.0	8
24	Enabling Smart Grid Applications with ICN. , 2015, , .		8
25	An Ensemble Model for Short-Term Traffic Prediction in Smart City Transportation System. , 2019, , .		7
26	Modelling Spreading Process Induced by Agent Mobility in Complex Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2018, 5, 336-349.	6.4	5
27	Providing proportional TCP performance by fixed-point approximations over bandwidth on demand satellite networks. <i>IEEE Transactions on Wireless Communications</i> , 2009, 8, 3554-3565.	9.2	4
28	A Distributed Interdomain Control System for Information-Centric Content Delivery. <i>IEEE Systems Journal</i> , 2019, 13, 1568-1579.	4.6	3
29	Scheduling for proportional differentiated service provision in geostationary bandwidth on demand satellite networks. , 2005, , .		2
30	Federation of Future Internet Networks. , 2010, , .		2
31	Providing Information Resilience Through Modularity-Based Caching in Perturbed Information-Centric Networks. , 2017, , .		2
32	Design and Experimental Validation of an LTE-Based Synchrophasor Network in a Medium Voltage Distribution Grid. , 2018, , .		2
33	A Policy-Driven Network Management System for the Dynamic Configuration of Military Networks. <i>Lecture Notes in Computer Science</i> , 2009, , 108-121.	1.3	1
34	Access Schemes and Packet Scheduling Techniques. , 2007, , 119-175.		1
35	Enhancing multi-source content delivery in content-centric networks with fountain coding. , 2016, , .		0
36	Information Resilience in a Network of Caches with Perturbations. <i>IEEE Access</i> , 2021, , 1-1.	4.2	0

#	ARTICLE	IF	CITATIONS
37	Resource Management and Network Layer. , 2007, , 243-286.		0