Wei Koong Chai

List of Publications by Year
in descending order

687363

794594

37	1,651	13	19
papers	citations	h-index	g-index

37	37	37	1273
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A dynamic spatial–temporal deep learning framework for traffic speed prediction on large-scale road networks. Expert Systems With Applications, 2022, 195, 116585.	7.6	16
2	Information Resilience in a Network of Caches with Perturbations. IEEE Access, 2021, , 1-1.	4.2	0
3	A joint temporal-spatial ensemble model for short-term traffic prediction. Neurocomputing, 2021, 457, 26-39.	5.9	14
4	A Distributed Interdomain Control System for Information-Centric Content Delivery. IEEE Systems Journal, 2019, 13, 1568-1579.	4.6	3
5	An Ensemble Model for Short-Term Traffic Prediction in Smart City Transportation System. , 2019, , .		7
6	Crowdcloud: a crowdsourced system for cloud infrastructure. Cluster Computing, 2019, 22, 455-470.	5.0	8
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	Modelling Spreading Process Induced by Agent Mobility in Complex Networks. IEEE Transactions on Network Science and Engineering, 2018, 5, 336-349.	6.4	5
9	Cost-Efficient Low Latency Communication Infrastructure for Synchrophasor Applications in Smart Grids. IEEE Systems Journal, 2018, 12, 948-958.	4.6	31
10	DR-Cache: Distributed Resilient Caching with Latency Guarantees. , 2018, , .		36
11	Design and Experimental Validation of an LTE-Based Synchrophasor Network in a Medium Voltage Distribution Grid. , 2018, , .		2
12	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
13	Efficient content delivery through fountain coding in opportunistic information-centric networks. Computer Communications, 2017, 100, 118-128.	5.1	8
14	Path-Based Epidemic Spreading in Networks. IEEE/ACM Transactions on Networking, 2017, 25, 565-578.	3.8	16
15	Providing Information Resilience Through Modularity-Based Caching in Perturbed Information-Centric Networks. , 2017, , .		2
16	Enhancing multi-source content delivery in content-centric networks with fountain coding. , 2016, , .		0
17	Seamless Support of Low Latency Mobile Applications with NFV-Enabled Mobile Edge-Cloud. , 2016, , .		34
18	Resilience of interdependent communication and power distribution networks against cascading failures. , 2016, , .		15

#	Article	IF	Citations
19	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
20	Bloom Filter Based Inter-Domain Name Resolution. , 2015, , .		10
21	Enabling Smart Grid Applications with ICN. , 2015, , .		8
22	Supporting smart electric vehicle charging with information-centric networking. , 2014, , .		8
23	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
24	Low latency communication infrastructure for synchrophasor applications in distribution networks. , 2014, , .		19
25	Internet-scale content mediation in information-centric networks. Annales Des Telecommunications/Annals of Telecommunications, 2013, 68, 167-177.	2.5	14
26	Cache â€œless for moreâ€•in information-centric networks (extended version). Computer Communications, 2013, 36, 758-770.	5.1	230
27	Multi-criteria decision algorithms for efficient content delivery in content networks. Annales Des Telecommunications/Annals of Telecommunications, 2013, 68, 153-165.	2.5	18
28	Probabilistic in-network caching for information-centric networks. , 2012, , .		451
29	Cache â€œLess for Moreâ€•in Information-Centric Networks. Lecture Notes in Computer Science, 2012, , 27-40.	1.3	179
30	Curling: Content-ubiquitous resolution and delivery infrastructure for next-generation services. , 2011, 49, 112-120.		72
31	Modelling and Evaluation of CCN-Caching Trees. Lecture Notes in Computer Science, 2011, , 78-91.	1.3	109
32	Federation of Future Internet Networks. , 2010, , .		2
33	Providing proportional TCP performance by fixed-point approximations over bandwidth on demand satellite networks. IEEE Transactions on Wireless Communications, 2009, 8, 3554-3565.	9.2	4
34	A Policy-Driven Network Management System for the Dynamic Configuration of Military Networks. Lecture Notes in Computer Science, 2009, , 108-121.	1.3	1
35	Access Schemes and Packet Scheduling Techniques. , 2007, , 119-175.		1
36	Resource Management and Network Layer. , 2007, , 243-286.		0

#	Article	IF	Citations
37	Scheduling for proportional differentiated service provision in geostationary bandwidth on demand satellite networks. , 2005, , .		2