

Ao Tang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

196
citations

7
h-index

13
g-index

33
ext. papers

246
ext. citations

3.6
avg, IF

3.15
L-index

#	Paper	IF	Citations
23	A Unique Nonnegative Solution to an Underdetermined System: From Vectors to Matrices. <i>IEEE Transactions on Signal Processing</i> , 2011 , 59, 1007-1016	4.8	46
22	Sparse Error Correction From Nonlinear Measurements With Applications in Bad Data Detection for Power Networks. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 6175-6187	4.8	36
21	HALO: Hop-by-Hop Adaptive Link-State Optimal Routing. <i>IEEE/ACM Transactions on Networking</i> , 2015 , 23, 1862-1875	3.8	22
20	Network Stability Under Alpha Fair Bandwidth Allocation With General File Size Distribution. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 579-591	5.9	21
19	Total Wiring Length Minimization of <i>C. elegans</i> Neural Network: A Constrained Optimization Approach. <i>PLoS ONE</i> , 2015 , 10, e0145029	3.7	9
18	Phase-Coupled Oscillators with Plastic Coupling: Synchronization and Stability. <i>IEEE Transactions on Network Science and Engineering</i> , 2016 , 3, 240-256	4.9	8
17	Game theory for heterogeneous flow control 2008 ,		7
16	Routing Stability in Hybrid Software-Defined Networks. <i>IEEE/ACM Transactions on Networking</i> , 2019 , 27, 790-804	3.8	6
15	Dynamics-aware optimal power flow 2013 ,		6
14	Conditions for a unique non-negative solution to an underdetermined system 2009 ,		6
13	Synchronization of phase-coupled oscillators with plastic coupling strength 2015 ,		4
12	Stability and robustness conditions using frequency dependent half planes 2009 ,		3
11	Time-aware congestion-free routing reconfiguration 2016 ,		3
10	Random convex approximations of ambiguous chance constrained programs 2016 ,		3
9	Accurate Rate-Aware Flow-level Traffic Splitting 2018 ,		3
8	Worst-Case Latency Performance Of Load Balancing Through Distributed Waterfilling Algorithm 2019 ,		2
7	Packet clustering introduced by routers: Modeling, analysis and experiments 2014 ,		2

6	Quadrisection-based task mapping on many-core processors for energy-efficient on-chip communication 2013 ,		2
5	Network utility maximization with path cardinality constraints 2016 ,		2
4	HFTraC 2017 ,		1
3	Cost of not arbitrarily splitting in routing 2017 ,		1
2	On upper bounding Shannon capacity of graph through generalized conic programming. <i>Optimization Letters</i> , 2019 , 13, 1313-1323	1.1	1
1	A Control-Theoretic Approach to In-Network Congestion Management. <i>IEEE/ACM Transactions on Networking</i> , 2018 , 26, 2443-2456	3.8	0