

Behrouz Touri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9443328/publications.pdf>

Version: 2024-02-01

36
papers

657
citations

840776

11
h-index

839539

18
g-index

37
all docs

37
docs citations

37
times ranked

428
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Convergence Properties of Social Hegselmann-Krause Dynamics. IEEE Transactions on Automatic Control, 2022, 67, 589-604.	5.7	4
2	Ergodicity of Continuous-Time Distributed Averaging Dynamics: A Spanning Directed Rooted Tree Approach. IEEE Transactions on Automatic Control, 2022, 67, 918-925.	5.7	0
3	Non-Bayesian Social Learning on Random Digraphs With Aperiodically Varying Network Connectivity. IEEE Transactions on Control of Network Systems, 2022, 9, 1202-1214.	3.7	4
4	Estimating repeat spectra and genome length from low-coverage genome skims with RESPECT. PLoS Computational Biology, 2021, 17, e1009449.	3.2	17
5	A Modified Saddle-Point Dynamics for Distributed Convex Optimization on General Directed Graphs. IEEE Transactions on Automatic Control, 2020, 65, 3098-3103.	5.7	19
6	Push-Sum on Random Graphs: Almost Sure Convergence and Convergence Rate. IEEE Transactions on Automatic Control, 2020, 65, 1295-1302.	5.7	11
7	Convex Relaxation of Grid-Connected Energy Storage System Models With Complementarity Constraints in DC OPF. IEEE Transactions on Smart Grid, 2020, 11, 4070-4079.	9.0	25
8	Stochastic Evolutionary Dynamics: A Graphical Reformulation of Evolutionarily Stable Strategy (ESS) Analysis. , 2019, 3, 55-60.		4
9	On Graphs with Bounded and Unbounded Convergence Times in Social Hegselmann-Krause Dynamics. , 2019, , .		1
10	How Do Humans and Data Systems Establish a Common Query Language?. SIGMOD Record, 2019, 48, 51-58.	1.2	1
11	Hegselmann-Krause Dynamics with Limited Connectivity. , 2018, , .		10
12	Convergence Rate of Push-Sum Algorithms on Random Graphs. , 2018, , .		1
13	Distributed optimization on random graphs. IFAC-PapersOnLine, 2018, 51, 391-395.	0.9	4
14	Global Games With Noisy Information Sharing. IEEE Transactions on Signal and Information Processing Over Networks, 2018, 4, 497-509.	2.8	3
15	Non-Convex Distributed Optimization. IEEE Transactions on Automatic Control, 2017, 62, 3744-3757.	5.7	100
16	Model Predictive Control for Track Following and Disturbance Rejection in a Tape Drive System * *This work was supported in part by the US National Science Foundation (NSF Grant CMMI-1234980), and the Hanse-Wissenschaftskolleg Institute for Advanced Study (Delmenhorst, Germany). Additional industrial support is also greatly appreciated... IFAC-PapersOnLine, 2017, 50, 10864-10869.	0.9	0
17	On local analysis of distributed optimization. , 2016, , .		2
18	Saddle-point dynamics for distributed convex optimization on general directed graphs. , 2016, , .		15

#	ARTICLE	IF	CITATIONS
19	Littlewood-Offord theory and controllability of random structures. , 2016, , .		2
20	Modeling multi-robot task allocation with limited information as global game. Swarm Intelligence, 2016, 10, 147-160.	2.2	38
21	Threshold policy for global games with noisy information sharing. , 2015, , .		1
22	Impact of information in a simple multiagent collaborative task. , 2015, , .		4
23	Dynamics in atomic signaling games. Journal of Theoretical Biology, 2015, 376, 82-90.	1.7	3
24	Product of Random Stochastic Matrices. IEEE Transactions on Automatic Control, 2014, 59, 437-448.	5.7	84
25	On Endogenous Random Consensus and Averaging Dynamics. IEEE Transactions on Control of Network Systems, 2014, 1, 241-248.	3.7	18
26	On convergence rate of scalar Hegselmann-Krause dynamics. , 2013, , .		21
27	Termination time of multidimensional Hegselmann-Krause opinion dynamics. , 2013, , .		20
28	On indigenous random consensus and averaging dynamics. , 2013, , .		3
29	On Approximations and Ergodicity Classes in Random Chains. IEEE Transactions on Automatic Control, 2012, 57, 2718-2730.	5.7	32
30	On backward product of stochastic matrices. Automatica, 2012, 48, 1477-1488.	5.0	41
31	Product of Random Stochastic Matrices and Distributed Averaging. Springer Theses, 2012, , .	0.1	35
32	On Ergodicity, Infinite Flow, and Consensus in Random Models. IEEE Transactions on Automatic Control, 2011, 56, 1593-1605.	5.7	88
33	Alternative characterization of ergodicity for doubly stochastic chains. , 2011, , .		9
34	On existence of a quadratic comparison function for random weighted averaging dynamics and its implications. , 2011, , .		16
35	When infinite flow is sufficient for ergodicity. , 2010, , .		17
36	Approximation and limiting behavior of random models. , 2010, , .		2