

Tatsuro Kawamoto

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

242
citations

932766

10
h-index

940134

16
g-index

24
all docs

24
docs citations

24
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating the resolution limit of the map equation in community detection. <i>Physical Review E</i> , 2015, 91, 012809.	0.8	52
2	Cross-validation estimate of the number of clusters in a network. <i>Scientific Reports</i> , 2017, 7, 3327.	1.6	25
3	Probabilistic interpretation of resonant states. <i>Pramana - Journal of Physics</i> , 2009, 73, 553-564.	0.9	22
4	A stochastic model of tweet diffusion on the Twitter network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 3470-3475.	1.2	19
5	Limitations in the spectral method for graph partitioning: Detectability threshold and localization of eigenvectors. <i>Physical Review E</i> , 2015, 91, 062803.	0.8	19
6	Localized eigenvectors of the non-backtracking matrix. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016, 2016, 023404.	0.9	16
7	Test of fluctuation theorems in non-Markovian open quantum systems. <i>Physical Review E</i> , 2011, 84, 031116.	0.8	14
8	Mean-field theory of graph neural networks in graph partitioning. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 124007.	0.9	14
9	Viral spreading of daily information in online social networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 406, 34-41.	1.2	12
10	Algorithmic detectability threshold of the stochastic block model. <i>Physical Review E</i> , 2018, 97, 032301.	0.8	12
11	Detectability of the spectral method for sparse graph partitioning. <i>Europhysics Letters</i> , 2015, 112, 40007.	0.7	10
12	Comparative analysis on the selection of number of clusters in community detection. <i>Physical Review E</i> , 2018, 97, 022315.	0.8	9
13	Detectability thresholds of general modular graphs. <i>Physical Review E</i> , 2017, 95, 012304.	0.8	6
14	Counting the number of metastable states in the modularity landscape: Algorithmic detectability limit of greedy algorithms in community detection. <i>Physical Review E</i> , 2019, 99, 010301.	0.8	6
15	Democratic classification of free-format survey responses with a network-based framework. <i>Nature Machine Intelligence</i> , 2019, 1, 322-327.	8.3	3
16	Microscopic analysis of the microscopic reversibility in quantum systems. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011, 2011, P11019.	0.9	2
17	Cross-validation estimates of the number of modules in higher-order networks. <i>Journal of Physics: Conference Series</i> , 2018, 1036, 012016.	0.3	0
18	Identifying macroscopic features in foreign visitor travel pathways. <i>Japanese Economic Review</i> , 2021, 72, 129-144.	0.8	0

#	ARTICLE	IF	CITATIONS
19	Graph-based open-ended survey on concerns related to COVID-19. PLoS ONE, 2021, 16, e0256212.	1.1	0
20	Mapping of a Diffusion Model on an Online Social Network to a Non-hermitian Quantum Chain. , 2014, , .		0
21	Fragility of spectral clustering for networks with an overlapping structure. Physical Review Research, 2020, 2, .	1.3	0