

Takashi Ichinomiya

List of Publications by Year in descending order

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papers

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citations

1040056

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24
docs citations

24
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological data analysis gives two folding paths in HP35(nle-nle), double mutant of villin headpiece subdomain. Scientific Reports, 2022, 12, 2719.	3.3	1
2	Protein-Folding Analysis Using Features Obtained by Persistent Homology. Biophysical Journal, 2020, 118, 2926-2937.	0.5	15
3	New quantitative method for evaluation of motor functions applicable to spinal muscular atrophy. Brain and Development, 2018, 40, 172-180.	1.1	0
4	Persistent homology analysis of craze formation. Physical Review E, 2017, 95, 012504.	2.1	50
5	Prediction Formulas for Individual Opioid Analgesic Requirements Based on Genetic Polymorphism Analyses. PLoS ONE, 2015, 10, e0116885.	2.5	18
6	Thermodynamic characterization of synchronization-optimized oscillator networks. Physical Review E, 2014, 90, 062914.	2.1	3
7	Identification of Suicide-Related Events Through Network Analysis of Adverse Event Reports. Drug Safety, 2014, 37, 609-616.	3.2	6
8	Temporal coarse-graining method to simulate the movement of atoms. Journal of Computational Physics, 2013, 251, 319-326.	3.8	1
9	Power-law exponent of the Bouchaud-MÃ©zard model on regular random networks. Physical Review E, 2013, 88, 012819.	2.1	3
10	Wealth distribution on complex networks. Physical Review E, 2012, 86, 066115.	2.1	5
11	Bouchaud-MÃ©zard model on a random network. Physical Review E, 2012, 86, 036111.	2.1	9
12	Temperature accelerated dynamics study of migration process of oxygen defects in UO ₂ . Journal of Nuclear Materials, 2009, 384, 315-321.	2.7	34
13	Study of Fission and High-burnup Induced Restructuring of Nuclear Fuel Ceramics - Applying Computer Science to Investigate Kinetic Process. Materials Research Society Symposia Proceedings, 2007, 1043, 1.	0.1	1
14	Power-law distribution in Japanese racetrack betting. Physica A: Statistical Mechanics and Its Applications, 2006, 368, 207-213.	2.6	4
15	Numerical Analysis of FitzHugh-Nagumo Neurons on Random Networks. Progress of Theoretical Physics Supplement, 2006, 161, 389-392.	0.1	2
16	Bifurcation Study of Kuramoto Transition of Random Oscillator Network. Progress of Theoretical Physics Supplement, 2006, 161, 208-211.	0.1	0
17	Path-integral approach to dynamics in a sparse random network. Physical Review E, 2005, 72, 016109.	2.1	18
18	Pair of excitable FitzHugh-Nagumo elements: Synchronization, multistability, and chaos. Physical Review E, 2005, 72, 056218.	2.1	42

#	ARTICLE	IF	CITATIONS
19	Frequency synchronization in a random oscillator network. Physical Review E, 2004, 70, 026116.	2.1	193
20	Temperature and Interaction Dependence of the Electron Spectrum in a 2D Attractive Hubbard Model. Journal of the Physical Society of Japan, 2004, 73, 643-648.	1.6	0
21	Impurity-induced ferromagnetism in a doped triplet excitonic insulator. Physical Review B, 2001, 63, .	3.2	11
22	Strong Coupling Theory on Pseudogap in High-TcSuperconductor. Journal of the Physical Society of Japan, 1999, 68, 981-986.	1.6	10
23	NMR Relaxation Rate and Resistivity in Organic Superconductors. Journal of the Physical Society of Japan, 1997, 66, 3202-3210.	1.6	1
24	Damping Effect on Spin-Lattice Relaxation Rate in Organic Superconductors. Journal of the Physical Society of Japan, 1996, 65, 1764-1768.	1.6	4