

# Takashi Ichinomiya

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

431  
citations

1040056

9  
h-index

713466

21  
g-index

24  
all docs

24  
docs citations

24  
times ranked

425  
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency synchronization in a random oscillator network. <i>Physical Review E</i> , 2004, 70, 026116.	2.1	193
2	Persistent homology analysis of craze formation. <i>Physical Review E</i> , 2017, 95, 012504.	2.1	50
3	Pair of excitable FitzHugh-Nagumo elements: Synchronization, multistability, and chaos. <i>Physical Review E</i> , 2005, 72, 056218.	2.1	42
4	Temperature accelerated dynamics study of migration process of oxygen defects in UO <sub>2</sub> . <i>Journal of Nuclear Materials</i> , 2009, 384, 315-321.	2.7	34
5	Path-integral approach to dynamics in a sparse random network. <i>Physical Review E</i> , 2005, 72, 016109.	2.1	18
6	Prediction Formulas for Individual Opioid Analgesic Requirements Based on Genetic Polymorphism Analyses. <i>PLoS ONE</i> , 2015, 10, e0116885.	2.5	18
7	Protein-Folding Analysis Using Features Obtained by Persistent Homology. <i>Biophysical Journal</i> , 2020, 118, 2926-2937.	0.5	15
8	Impurity-induced ferromagnetism in a doped triplet excitonic insulator. <i>Physical Review B</i> , 2001, 63, .	3.2	11
9	Strong Coupling Theory on Pseudogap in High-Tc Superconductor. <i>Journal of the Physical Society of Japan</i> , 1999, 68, 981-986.	1.6	10
10	Bouchaud-MÃ©zard model on a random network. <i>Physical Review E</i> , 2012, 86, 036111.	2.1	9
11	Identification of Suicide-Related Events Through Network Analysis of Adverse Event Reports. <i>Drug Safety</i> , 2014, 37, 609-616.	3.2	6
12	Wealth distribution on complex networks. <i>Physical Review E</i> , 2012, 86, 066115.	2.1	5
13	Power-law distribution in Japanese racetrack betting. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 368, 207-213.	2.6	4
14	Damping Effect on Spin-Lattice Relaxation Rate in Organic Superconductors. <i>Journal of the Physical Society of Japan</i> , 1996, 65, 1764-1768.	1.6	4
15	Power-law exponent of the Bouchaud-MÃ©zard model on regular random networks. <i>Physical Review E</i> , 2013, 88, 012819.	2.1	3
16	Thermodynamic characterization of synchronization-optimized oscillator networks. <i>Physical Review E</i> , 2014, 90, 062914.	2.1	3
17	Numerical Analysis of FitzHugh-Nagumo Neurons on Random Networks. <i>Progress of Theoretical Physics Supplement</i> , 2006, 161, 389-392.	0.1	2
18	NMR Relaxation Rate and Resistivity in Organic Superconductors. <i>Journal of the Physical Society of Japan</i> , 1997, 66, 3202-3210.	1.6	1

#	ARTICLE	IF	CITATIONS
19	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
20	Temporal coarse-graining method to simulate the movement of atoms. Journal of Computational Physics, 2013, 251, 319-326.	3.8	1
21	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
22	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
23	Bifurcation Study of Kuramoto Transition of Random Oscillator Network. Progress of Theoretical Physics Supplement, 2006, 161, 208-211.	0.1	0
24	New quantitative method for evaluation of motor functions applicable to spinal muscular atrophy. Brain and Development, 2018, 40, 172-180.	1.1	0