

# Takuya Yamano

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1910543/publications.pdf>

Version: 2024-02-01

32  
papers

290  
citations

933447

10  
h-index

940533

16  
g-index

32  
all docs

32  
docs citations

32  
times ranked

176  
citing authors

#	ARTICLE	IF	CITATIONS
1	A statistical complexity measure with nonextensive entropy and quasi-multiplicativity. <i>Journal of Mathematical Physics</i> , 2004, 45, 1974-1987.	1.1	43
2	A statistical measure of complexity with nonextensive entropy. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 340, 131-137.	2.6	39
3	On the robust thermodynamical structures against arbitrary entropy form and energy mean value. <i>European Physical Journal B</i> , 2000, 18, 103-106.	1.5	24
4	A Possible Extension of Shannon's Information Theory. <i>Entropy</i> , 2001, 3, 280-292.	2.2	20
5	Relative Fisher information of hydrogen-like atoms. <i>Chemical Physics Letters</i> , 2018, 691, 196-198.	2.6	18
6	A generalization of the Kullback-Leibler divergence and its properties. <i>Journal of Mathematical Physics</i> , 2009, 50, .	1.1	17
7	de Bruijn-type identity for systems with flux. <i>European Physical Journal B</i> , 2013, 86, 1.	1.5	16
8	Phase space gradient of dissipated work and information: A role of relative Fisher information. <i>Journal of Mathematical Physics</i> , 2013, 54, 113301.	1.1	16
9	Source coding theorem based on a nonadditive information content. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2002, 305, 190-195.	2.6	12
10	Relative Fisher information for Morse potential and isotropic quantum oscillators. <i>Journal of Physics Communications</i> , 2018, 2, 085018.	1.2	10
11	Modulational instability for a logarithmic nonlinear Schrödinger equation. <i>Applied Mathematics Letters</i> , 2015, 48, 124-127.	2.7	9
12	Efficiencies of thermodynamics when temperature-dependent energy levels exist. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 7011-7014.	2.8	8
13	Statistical Ensemble Theory of Gompertz Growth Model. <i>Entropy</i> , 2009, 11, 807-819.	2.2	7
14	Localized traveling wave solution for a logarithmic nonlinear Schrödinger equation. <i>Wave Motion</i> , 2016, 67, 116-120.	2.0	7
15	Nonlinear Schrödinger equations involved in dark matter halos: modulational instability. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	6
16	Bounds for Fisher information and its production under flow. <i>Journal of Mathematical Physics</i> , 2012, 53, 043301.	1.1	5
17	Effect of temperature-dependent energy levels on exergy. <i>Journal of Physics Communications</i> , 2017, 1, 055007.	1.2	5
18	Gaussian solitary waves for argument-Schrödinger equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2020, 91, 105449.	3.3	5

#	ARTICLE	IF	CITATIONS
19	Fisher information of radial wavefunctions for relativistic hydrogenic atoms. Chemical Physics Letters, 2019, 731, 136618.	2.6	4
20	Some bounds for skewed $\hat{\pm}$ -Jensen-Shannon divergence. Results in Applied Mathematics, 2019, 3, 100064.	1.3	4
21	H-theorems based upon a generalized, power law-like divergence. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 3116-3118.	2.1	3
22	General nonlinear Fokker-Planck equations with multiple potentials: H-theorem and constraints. European Physical Journal Plus, 2018, 133, 1.	2.6	3
23	A Lower Bound on Work Extraction Probability Prescribed by Nonequilibrium Work Relation. Proceedings (mdpi), 2018, 2, 162.	0.2	3
24	Fisher Information of Free-Electron Landau States. Entropy, 2021, 23, 268.	2.2	2
25	Constraints on stochastic heat probability prescribed by exchange fluctuation theorems. Results in Physics, 2020, 18, 103300.	4.1	1
26	Gaussian traveling wave solutions for two argument-Schrödinger equations under potentials. Applied Mathematics Letters, 2021, 113, 106889.	2.7	1
27	Temperature-dependent energy levels and the second law formulation for engineering devices. , 0, , .		1
28	Skewed Jensen-Fisher Divergence and Its Bounds. Foundations, 2021, 1, 256-264.	1.3	1
29	A statistical measure of complexity with nonextensive entropy. Physica A: Statistical Mechanics and Its Applications, 2004, 340, 131-131.	2.6	0
30	Fluctuation of gauge field for general nonlinear Fokker-Planck equation and covariant version of Fisher information matrix. Open Physics, 2013, 11, .	1.7	0
31	ON CLASSICAL NO-CLONING THEOREM UNDER LIOUVILLE DYNAMICS AND DISTANCES. , 2008, , .		0
32	Dissipated Work in Nonequilibrium Process and Relative Fisher Information. Interdisciplinary Information Sciences, 2013, 19, 107-112.	0.4	0