Thomas Oikonomou

List of Publications by Year
in descending order

		1163117	1199594
27 papers	169 citations	8 h-index	12 g-index
28 all docs	28 docs citations	28 times ranked	115 citing authors

#	Article	IF	Citations
1	Symbolic dynamics of music from Europe and Japan. Chaos, 2021, 31, 053122.	2.5	2
2	The q-exponentials do not maximize the Rényi entropy. Physica A: Statistical Mechanics and Its Applications, 2021, 578, 126126.	2.6	4
3	Efficient Two-Party Integer Comparison With Block Vectorization Mechanism. IEEE Access, 2021, 9, 123484-123492.	4.2	2
4	Entropic analysis of the localization–delocalization transition in a one-dimensional correlated lattice. Physica A: Statistical Mechanics and Its Applications, 2020, 545, 123350.	2.6	1
5	Stability Properties of 1-Dimensional Hamiltonian Lattices with Nonanalytic Potentials. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2020, 30, 2030047.	1.7	1
6	Stationary Worldline Power Distributions. International Journal of Theoretical Physics, 2019, 58, 2942-2968.	1.2	6
7	Reply to "Comment on 'Rényi entropy yields artificial biases not in the data and incorrect updating due to the finite-size data'" Physical Review E, 2019, 100, 026102.	2.1	3
8	Discrete and Weyl density of states for photonic dispersion relation. Physica Scripta, 2019, 94, 105001.	2.5	4
9	Rényi entropy yields artificial biases not in the data and incorrect updating due to the finite-size data. Physical Review E, 2019, 99, 032134.	2.1	12
10	Route from discreteness to the continuum for the Tsallis q-entropy. Physical Review E, 2018, 97, 012104.	2.1	10
11	The parameter space and third law of thermodynamics for the Borges–Roditi, Abe and Sharma–Mittal entropies. International Journal of Modern Physics B, 2018, 32, 1850274.	2.0	1
12	Reply to "Comment on 'Route from discreteness to the continuum for the Tsallis q -entropy'" Physical Review E, 2018, 97, 066102.	2.1	4
13	Misusing the entropy maximization in the jungle of generalized entropies. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 207-211.	2.1	10
14	Group theory, entropy and the third law of thermodynamics. Annals of Physics, 2017, 377, 62-70.	2.8	2
15	Comment on "Troublesome aspects of the Renyi-MaxEnt treatment" Physical Review E, 2017, 96, 056101.	2.1	1
16	Uniformly accelerated point charge along a cusp. Astronomische Nachrichten, 2017, 338, 1151-1155.	1.2	3
17	Validity of the third law of thermodynamics for the Tsallis entropy. Physical Review E, 2016, 93, 022112.	2.1	19
18	Phase Transition in $\mathcal{PT}$ Symmetric Active Plasmonic Systems. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 76-81.	2.9	12

#	Article	IF	Citations
19	Comment on "Third law of thermodynamics as a key test of generalized entropies" Physical Review E, 2015, 92, 016103.	2.1	2
20	Clausius versus Sackur–Tetrode entropies. Studies in History and Philosophy of Science Part B - Studies in History and Philosophy of Modern Physics, 2013, 44, 63-68.	1.4	1
21	Tsallis power laws and finite baths with negative heat capacity. Physical Review E, 2013, 88, 042126.	2.1	18
22	Canonical equilibrium distribution derived from Helmholtz potential. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 6386-6389.	2.6	3
23	Comment on "Critique of multinomial coefficient method for evaluating Tsallis and Rényi entropies" by A.S. Parvan. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 781-784.	2.6	0
24	The maximization of Tsallis entropy with complete deformed functions and the problem of constraints. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 2225-2229.	2.1	21
25	A completeness criterion for Kaniadakis, Abe and two-parameter generalized statistical theories. Reports on Mathematical Physics, 2010, 66, 137-146.	0.8	3
26	Generalized entropic structures and non-generality of Jaynes' Formalism. Chaos, Solitons and Fractals, 2009, 42, 3027-3034.	5.1	6
27	A note on the definition of deformed exponential and logarithm functions. Journal of Mathematical Physics, 2009, 50, 103301.	1.1	18