Constantino Tsallis

List of Publications by Year
in descending order

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242	21,872	22153	9345
papers	citations	59 h-index	143 g-index

250	250	250	7295
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Possible generalization of Boltzmann-Gibbs statistics. Journal of Statistical Physics, 1988, 52, 479-487.	1.2	7,461
2	The role of constraints within generalized nonextensive statistics. Physica A: Statistical Mechanics and Its Applications, 1998, 261, 534-554.	2.6	1,181
3	Generalized statistical mechanics: connection with thermodynamics. Journal of Physics A, 1991, 24, L69-L72.	1.6	685
4	Nonextensive statistics: theoretical, experimental and computational evidences and connections. Brazilian Journal of Physics, 1999, 29, 1.	1.4	516
5	Anomalous diffusion in the presence of external forces: Exact time-dependent solutions and their thermostatistical basis. Physical Review E, 1996, 54, R2197-R2200.	2.1	499
6	Statistical-Mechanical Foundation of the Ubiquity of LÃ©vy Distributions in Nature. Physical Review Letters, 1995, 75, 3589-3593.	7.8	437
7	Nonextensivity and Multifractality in Low-Dimensional Dissipative Systems. Physical Review Letters, 1998, 80, 53-56.	7.8	390
8	Black hole thermodynamical entropy. European Physical Journal C, 2013, 73, 1.	3.9	385
9	Generalized simulated annealing. Physica A: Statistical Mechanics and Its Applications, 1996, 233, 395-406.	2.6	370
10	Non-Gaussian equilibrium in a long-range Hamiltonian system. Physical Review E, 2001, 64, 056134.	2.1	286
11	On a q-Central Limit Theorem Consistent with Nonextensive Statistical Mechanics. Milan Journal of Mathematics, 2008, 76, 307-328.	1.1	269
12	Breakdown of Exponential Sensitivity to Initial Conditions: Role of the Range of Interactions. Physical Review Letters, 1998, 80, 5313-5316.	7.8	223
13	Generalized entropy-based criterion for consistent testing. Physical Review E, 1998, 58, 1442-1445.	2.1	208
14	Nonadditive entropy and nonextensive statistical mechanics -an overview after 20 years. Brazilian Journal of Physics, 2009, 39, 337-356.	1.4	202
15	Power-law sensitivity to initial conditionsâ€"New entropic representation. Chaos, Solitons and Fractals, 1997, 8, 885-891.	5.1	194
16	Asymptotically scale-invariant occupancy of phase space makes the entropy Sq extensive. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15377-15382.	7.1	189
17	Generalized statistical mechanics: connection with thermodynamics. Journal of Physics A, 1992, 25, 1019-1019.	1.6	185
18	Non-extensive thermostatistics: brief review and comments. Physica A: Statistical Mechanics and Its Applications, 1995, 221, 277-290.	2.6	170

#	Article	IF	Citations
19	Nonextensive statistical mechanics and economics. Physica A: Statistical Mechanics and Its Applications, 2003, 324, 89-100.	2.6	165
20	Nonextensive statistical mechanics: A brief introduction. Continuum Mechanics and Thermodynamics, 2004, 16, 223-235.	2.2	158
21	Nonextensive foundation of LÃ©vy distributions. Physical Review E, 1999, 60, 2398-2401.	2.1	155
22	The Nonadditive Entropy Sq and Its Applications in Physics and Elsewhere: Some Remarks. Entropy, 2011, 13, 1765-1804.	2.2	148
23	Constructing a statistical mechanics for Beck-Cohen superstatistics. Physical Review E, 2003, 67, 026106.	2.1	142
24	Power-law sensitivity to initial conditions within a logisticlike family of maps: Fractality and nonextensivity. Physical Review E, 1997, 56, 245-250.	2.1	135
25	Are citations of scientific papers a case of nonextensivity?. European Physical Journal B, 2000, 13, 777-780.	1.5	130
26	Nonlinear Relativistic and Quantum Equations with a Common Type of Solution. Physical Review Letters, 2011, 106, 140601.	7.8	129
27	Nonadditive entropy: The concept and its use. European Physical Journal A, 2009, 40, 257.	2.5	126
28	The rate of entropy increase at the edge of chaos. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 273, 97-103.	2.1	121
29	What should a statistical mechanics satisfy to reflect nature?. Physica D: Nonlinear Phenomena, 2004, 193, 3-34.	2.8	114
30	Nonadditive entropy reconciles the area law in quantum systems with classical thermodynamics. Physical Review E, 2008, 78, 021102.	2.1	112
31	Anomalous diffusion associated with nonlinear fractional derivative Fokker-Planck-like equation: Exact time-dependent solutions. Physical Review E, 2000, 62, 2213-2218.	2.1	109
32	From QCD-based hard-scattering to nonextensive statistical mechanical descriptions of transverse momentum spectra in high-energy<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mover accent="true"><mml:mrow><mml:mi>p</mml:mi></mml:mrow><mml:mrow><mml:mo accent="true"> str	4.7	108
33	Crossover from extensive to nonextensive behavior driven by long-range interactions. Physical Review B, 1995, 52, 50-53.	3.2	97
34	I. Nonextensive Statistical Mechanics and Thermodynamics: Historical Background and Present Status. , 2001, , 3-98.		97
35	Is re-association in folded proteins a case of nonextensivity?. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 257, 93-98.	2.1	96
36	Generalization of symmetric Î±-stable LÃ©vy distributions for q>1. Journal of Mathematical Physics, 2010, 51, 33502.	1.1	95

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37	Nonequilibrium Probabilistic Dynamics of the Logistic Map at the Edge of Chaos. Physical Review Letters, 2002, 89, 254103.	7.8	94
38	Fingerprints of nonextensive thermodynamics in a long-range Hamiltonian system. Physica A: Statistical Mechanics and Its Applications, 2002, 305, 129-136.	2.6	94
39	Central limit behavior of deterministic dynamical systems. Physical Review E, 2007, 75, 040106.	2.1	94
40	NONEXTENSIVE THERMOSTATISTICS AND FRACTALS. Fractals, 1995, 03, 541-547.	3.7	92
41	Peres criterion for separability through nonextensive entropy. Physical Review A, 2001, 63, .	2.5	91
42	Border between Regular and Chaotic Quantum Dynamics. Physical Review Letters, 2002, 89, 214101.	7.8	89
43	Multiplicative noise: A mechanism leading to nonextensive statistical mechanics. Journal of Mathematical Physics, 2003, 44, 5194-5203.	1.1	88
44	Statistical-Mechanical Foundation of the Ubiquity of the LÃ©vy Distributions in Nature. Physical Review Letters, 1996, 77, 5442-5442.	7.8	87
45	Fluxes of cosmic rays: a delicately balanced stationary state. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 310, 372-376.	2.1	83
46	A nonextensive approach to the dynamics of financial observables. European Physical Journal B, 2007, 55, 161-167.	1.5	81
47	Closer look at time averages of the logistic map at the edge of chaos. Physical Review E, 2009, 79, 056209.	2.1	81
48	Nonergodicity and central-limit behavior for long-range Hamiltonians. Europhysics Letters, 2007, 80, 26002.	2.0	79
49	Dynamical scenario for nonextensive statistical mechanics. Physica A: Statistical Mechanics and Its Applications, 2004, 340, 1-10.	2.6	78
50	Preferential attachment growth model and nonextensive statistical mechanics. Europhysics Letters, 2005, 70, 70-76.	2.0	78
51	Pure and random Potts-like models: real-space renormalization-group approach. Physics Reports, 1996, 268, 305-430.	25.6	77
52	Anomalous diffusion: nonlinear fractional Fokkerâ€“Planck equation. Chemical Physics, 2002, 284, 341-347.	1.9	77
53	Generalized Boxâ€“MÃœller Method for Generating q-Gaussian Random Deviates. IEEE Transactions on Information Theory, 2007, 53, 4805-4810.	2.4	75
54	Numerical indications of a q -generalised central limit theorem. Europhysics Letters, 2006, 73, 813-819.	2.0	72

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55	Fermi-Pasta-Ulam model with long-range interactions: Dynamics and thermostatistics. Europhysics Letters, 2014, 108, 40006.	2.0	71
56	Two-dimensional turbulence in pure-electron plasma: A nonextensive thermostatistical description. Journal of Molecular Liquids, 1997, 71, 255-267.	4.9	67
57	Sensitivity to initial conditions in the Bak-Sneppen model of biological evolution. European Physical Journal B, 1998, 1, 545-548.	1.5	67
58	Special issue overview Nonextensive statistical mechanics: new trends, new perspectives. Europhysics News, 2005, 36, 185-186.	0.3	66
59	Computational applications of nonextensive statistical mechanics. Journal of Computational and Applied Mathematics, 2009, 227, 51-58.	2.0	64
60	Universal behaviour of interoccurrence times between losses in financial markets: An analytical description. Europhysics Letters, 2011, 95, 68002.	2.0	64
61	Criticality of the Anisotropic Quantum Heisenberg Model on a Self-Dual Hierarchical Lattice. Physical Review Letters, 1983, 51, 145-147.	7.8	59
62	Crossover in diffusion equation: Anomalous and normal behaviors. Physical Review E, 2003, 67, 031104.	2.1	59
63	Infinite-range Ising ferromagnet: Thermodynamic limit within Generalized Statistical Mechanics. Physica A: Statistical Mechanics and Its Applications, 1995, 213, 337-356.	2.6	57
64	Geometry optimization and conformational analysis through generalized simulated annealing. International Journal of Quantum Chemistry, 1998, 58, 373-381.	2.0	56
65	Limit distributions of scale-invariant probabilistic models of correlated random variables with the q-Gaussian as an explicit example. European Physical Journal B, 2009, 72, 263-268.	1.5	56
66	Geometry optimization and conformational analysis through generalized simulated annealing. International Journal of Quantum Chemistry, 1996, 58, 373-381.	2.0	56
67	Anomalous diffusion with absorption: Exact time-dependent solutions. Physical Review E, 2000, 61, 1417-1422.	2.1	55
68	Influence of the interaction range on the thermostatistics of a classical many-body system. Physica A: Statistical Mechanics and Its Applications, 2014, 393, 286-296.	2.6	55
69	Nonextensive aspects of self-organized scale-free gas-like networks. Europhysics Letters, 2005, 72, 197-203.	2.0	54
70	Strictly and asymptotically scale invariant probabilistic models ofNcorrelated binary random variables havingq-Gaussians asNâ† â^ž limiting distributions. Journal of Statistical Mechanics: Theory and Experiment, 2008, 2008, P09006.	2.3	54
71	Specific heat anomalies associated with Cantor-set energy spectra. Physical Review E, 1997, 56, R4922-R4925.	2.1	53
72	Nonextensive Statistical Mechanics, Anomalous Diffusion and Central Limit Theorems. Milan Journal of Mathematics, 2005, 73, 145-176.	1.1	53

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73	Departure from Boltzmann-Gibbs statistics makes the hydrogen-atom specific heat a computable quantity. Physical Review E, 1995, 51, 6247-6249.	2.1	52
74	Generalized entropy arising from a distribution ofqindices. Physical Review E, 2005, 71, 046144.	2.1	52
75	Student's t- and r-distributions: Unified derivation from an entropic variational principle. Physica A: Statistical Mechanics and Its Applications, 1997, 236, 52-57.	2.6	51
76	Ensemble Averages and Nonextensivity at the Edge of Chaos of One-Dimensional Maps. Physical Review Letters, 2004, 93, 020601.	7.8	51
77	A generalized nonlinear SchrÃ¶dinger equation: Classical field-theoretic approach. Europhysics Letters, 2012, 97, 41001.	2.0	51
78	Nonadditive entropy and nonextensive statistical mechanics â€“ Some central concepts and recent applications. Journal of Physics: Conference Series, 2010, 201, 012001.	0.4	49
79	Generative model for feedback networks. Physical Review E, 2006, 73, 016119.	2.1	47
80	A closer look at the indications of q-generalized Central Limit Theorem behavior in quasi-stationary states of the HMF model. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 3121-3128.	2.6	46
81	An introduction to nonadditive entropies and a thermostatistical approach to inanimate and living matter. Contemporary Physics, 2014, 55, 179-197.	1.8	45
82	Escort mean values and the characterization of power-law-decaying probability densities. Journal of Mathematical Physics, 2009, 50, 043303.	1.1	44
83	Role of dimensionality in complex networks. Scientific Reports, 2016, 6, 27992.	3.3	44
84	Extensive versus Nonextensive Physics. , 1994, , 451-463.		44
85	Classical spin systems with long-range interactions: universalÂreduction of mixing. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 286, 251-256.	2.1	43
86	Extensivity and entropy production. Europhysics News, 2005, 36, 186-189.	0.3	43
87	Risk aversion in economic transactions. Europhysics Letters, 2002, 59, 635-641.	2.0	41
88	Connection between energy spectrum, self-similarity, and specific heat log-periodicity. Physical Review E, 1998, 58, 1346-1351.	2.1	39
89	Generalization of the Kolmogorovâ€“Sinai entropy: logistic-like and generalized cosine maps at the chaos threshold. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 289, 51-58.	2.1	39
90	Comment on â€œCritique ofq-entropy for thermal statisticsâ€• Physical Review E, 2004, 69, 038101; author reply 038102.	2.1	39

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91	Nonextensive Statistical Mechanics: Some Links with Astronomical Phenomena. Astrophysics and Space Science, 2004, 290, 259-274.	1.4	39
92	New representations of Ï€ and Dirac delta using the nonextensive-statistical-mechanics q-exponential function. Journal of Mathematical Physics, 2010, 51, .	1.1	38
93	Circular-like maps: sensitivity to the initial conditions, multifractality and nonextensivity. European Physical Journal B, 1999, 11, 309-315.	1.5	36
94	Metastability and weak mixing in classical long-range many-rotator systems. Physical Review E, 2002, 66, 065101.	2.1	36
95	Mixing and equilibration: protagonists in the scene of nonextensive statistical mechanics. Physica A: Statistical Mechanics and Its Applications, 2002, 305, 1-18.	2.6	36
96	Random matrix ensembles from nonextensive entropy. Physical Review E, 2004, 69, 066131.	2.1	36
97	Two-parameter generalization of the logarithm and exponential functions and Boltzmann-Gibbs-Shannon entropy. Journal of Mathematical Physics, 2007, 48, 113301.	1.1	36
98	Classical infinite-range-interaction Heisenberg ferromagnetic model:â€,â€, Metastability and sensitivity to initial conditions. Physical Review E, 2003, 68, 036115.	2.1	34
99	On multivariate generalizations of the q-central limit theorem consistent with nonextensive statistical mechanics. AIP Conference Proceedings, 2007, , .	0.4	34
100	Beyond Boltzmannâ€“Gibbsâ€“Shannon in Physics and Elsewhere. Entropy, 2019, 21, 696.	2.2	34
101	New road to chaos. Physical Review A, 1987, 35, 945-948.	2.5	33
102	Nonlinear Schroedinger equation in the presence of uniform acceleration. Journal of Mathematical Physics, 2013, 54, .	1.1	33
103	Imitation games:â€,â€,Power-law sensitivity to initial conditions and nonextensivity. Physical Review E, 1998, 57, 3923-3927.	2.1	31
104	Quasi-stationary states in low-dimensional Hamiltonian systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 320, 254-260.	2.1	31
105	Unified model for network dynamics exhibiting nonextensive statistics. Physical Review E, 2007, 76, 036111.	2.1	31
106	q-Generalization of the inverse Fourier transform. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 2085-2088.	2.1	31
107	Dynamics and statistics of the Fermiâ€“Pastaâ€“UlamÎ²-model with different ranges of particle interactions. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 123206.	2.3	31
108	Ubiquity of metastable-to-stable crossover in weakly chaotic dynamical systems. Physica A: Statistical Mechanics and Its Applications, 2004, 340, 205-218.	2.6	30

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109	q-Gaussians in the porous-medium equation: stability and time evolution. European Physical Journal B, 2008, 66, 537-546.	1.5	30
110	Nonextensivity at the edge of chaos of a new universality class of one-dimensional unimodal dissipative maps. European Physical Journal B, 2009, 67, 577-584.	1.5	30
111	Black Hole Entropy: A Closer Look. Entropy, 2020, 22, 17.	2.2	30
112	TIME-EVOLVING STATISTICS OF CHAOTIC ORBITS OF CONSERVATIVE MAPS IN THE CONTEXT OF THE CENTRAL LIMIT THEOREM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250208.	1.7	28
113	Economics and Finance: q-Statistical Stylized Features Galore. Entropy, 2017, 19, 457.	2.2	28
114	Circular-like maps: sensitivity to the initial conditions, multifractality and nonextensivity. European Physical Journal B, 1999, 11, 309.	1.5	28
115	Renormalization group approach to nonextensive statistical mechanics. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 285, 273-278.	2.1	27
116	Asymmetric unimodal maps at the edge of chaos. Physical Review E, 2002, 65, 036207.	2.1	26
117	Linear instability and statistical laws of physics. Europhysics Letters, 2005, 72, 355-361.	2.0	26
118	Temperature fluctuations of the cosmic microwave background radiation: A case of non-extensivity?. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 356, 426-430.	2.1	26
119	Sensitivity to initial conditions of ad-dimensional long-range-interacting quartic Fermi-Pasta-Ulam model: Universal scaling. Physical Review E, 2016, 93, 062213.	2.1	26
120	Validity and failure of the Boltzmann weight. Europhysics Letters, 2018, 123, 30003.	2.0	26
121	Crossover from extensive to nonextensive behavior driven by long-range d=1 bond percolation. Physica A: Statistical Mechanics and Its Applications, 1999, 266, 42-48.	2.6	25
122	Negative specific heat in a Lennard-Jones-like gas with long-range interactions. Physica A: Statistical Mechanics and Its Applications, 2002, 305, 148-151.	2.6	25
123	Nonextensive Statistical Mechanics and Nonlinear Dynamics. Lecture Notes in Physics, 2008, , 21-28.	0.7	25
124	Nonextensive statistical mechanics: a brief review of its present status. Anais Da Academia Brasileira De Ciencias, 2002, 74, 393-414.	0.8	24
125	Influence of global correlations on central limit theorems and entropic extensivity. Physica A: Statistical Mechanics and Its Applications, 2006, 372, 183-202.	2.6	24
126	On a representation of the inverse -transform. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 4874-4876.	2.1	24

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127	Nonadditive entropy Sq and nonextensive statistical mechanics: Applications in geophysics and elsewhere. Acta Geophysica, 2012, 60, 502-525.	2.0	24
128	Reply to Comment on â€œTowards a large deviation theory for strongly correlated systemsâ€• Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 491-495.	2.1	24
129	Curl forces and the nonlinear Fokker-Planck equation. Physical Review E, 2016, 94, 062105.	2.1	24
130	Deviation from Gaussianity in the cosmic microwave background temperature fluctuations. Europhysics Letters, 2007, 78, 19001.	2.0	23
131	Stability of the entropy for superstatistics. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 319, 273-278.	2.1	22
132	Noise, synchrony, and correlations at the edge of chaos. Physical Review E, 2013, 87, 022910.	2.1	22
133	Break-collapse method for resistor networks and a renormalisation-group application. Journal of Physics C: Solid State Physics, 1983, 16, 4339-4345.	1.5	21
134	Some thoughts on theoretical physics. Physica A: Statistical Mechanics and Its Applications, 2004, 344, 718-736.	2.6	21
135	On the connection between financial processes with stochastic volatility and nonextensive statistical mechanics. European Physical Journal B, 2005, 48, 139-148.	1.5	20
136	On the non-Boltzmannian nature of quasi-stationary states in long-range interacting systems. Physica A: Statistical Mechanics and Its Applications, 2007, 381, 143-147.	2.6	20
137	q-moments remove the degeneracy associated with the inversion of theq-Fourier transform. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P10016.	2.3	20
138	Towards a large deviation theory for strongly correlated systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 2451-2454.	2.1	20
139	Stationary and uniformly accelerated states in nonlinear quantum mechanics. Physical Review A, 2014, 90, .	2.5	20
140	Possible Implication of a Single NonextensivepTDistribution for Hadron Production in High-EnergyppCollisions. EPJ Web of Conferences, 2015, 90, 04002.	0.3	20
141	On the foundations of statistical mechanics. European Physical Journal: Special Topics, 2017, 226, 1433-1443.	2.6	20
142	Anomalous sensitivity to initial conditions and entropy production in standard maps: Nonextensive approach. European Physical Journal B, 2005, 46, 409-417.	1.5	19
143	Occupancy of phase space, extensivity of , and -generalized central limit theorem. Physica A: Statistical Mechanics and Its Applications, 2006, 365, 7-16.	2.6	19
144	Probability distributions extremizing the nonadditive entropy<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>S</mml:mi><mml:mi>Î´</mml:mi></mml:msub></mml:math>and stationary states of the corresponding nonlinear Fokker-Planck equation. Physical Review E, 2013, 88, 052107.	2.1	19

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145	Critical temperature and nonextensivity in long-range interacting Lennardâ€“Jones-like fluids. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 264, 270-275.	2.1	18
146	A nonextensive critical phenomenon scenario for quantum entanglement. Physica A: Statistical Mechanics and Its Applications, 2001, 295, 158-171.	2.6	18
147	Nonextensivity of the cyclic lattice Lotka-Volterra model. Physical Review E, 2004, 69, 016120.	2.1	18
148	Nonextensive statistical mechanics and central limit theorems Iâ€”Convolution of independent random variables and q-product. AIP Conference Proceedings, 2007, , .	0.4	18
149	Time evolution towards<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>q</mml:mi></mml:math>-Gaussian stationary states through unified ItÃ´-Stratonovich stochastic equation. Physical Review E, 2010, 82, 061119.	2.1	18
150	Approach of Complexity in Nature: Entropic Nonuniqueness. Axioms, 2016, 5, 20.	1.9	18
151	Specific heat of multifractal energy spectra. Physical Review E, 2001, 64, 011104.	2.1	17
152	Generalization of the possible algebraic basis of q-triplets. European Physical Journal: Special Topics, 2017, 226, 455-466.	2.6	17
153	Statistical characterization of the standard map. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 063403.	2.3	17
154	From the nonlinear Fokker-Planck equation to the Vlasov description and back: Confined interacting particles with drag. Physical Review E, 2018, 97, 022120.	2.1	17
155	d-Dimensional Classical Heisenberg Model with Arbitrarily-Ranged Interactions: Lyapunov Exponents and Distributions of Momenta and Energies. Entropy, 2019, 21, 31.	2.2	17
156	Role of dimensionality in preferential attachment growth in the Bianconiâ€“BarabÃ¡si model. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 093402.	2.3	16
157	Conceptual Inadequacy of the Shore and Johnson Axioms for Wide Classes of Complex Systems. Entropy, 2015, 17, 2853-2861.	2.2	15
158	Fermiâ€“Pastaâ€“Ulamâ€“Tsingou problems: Passage from Boltzmann to q-statistics. Physica A: Statistical Mechanics and Its Applications, 2018, 491, 869-873.	2.6	15
159	Human and Computer Learning: An Experimental Study. Complexus, 2003, 1, 181-189.	0.6	14
160	Nonlinear inhomogeneous Fokker-Planck equation within a generalized Stratonovich prescription. Physical Review E, 2014, 90, 032118.	2.1	14
161	Boltzmann-Gibbs entropy is sufficient but not necessary for the likelihood factorization required by Einstein. Europhysics Letters, 2015, 110, 30005.	2.0	14
162	Nonextensivity: From Low-Dimensional Maps to Hamiltonian Systems. Lecture Notes in Physics, 2002, , 140-162.	0.7	14

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163	Classical statistical approach to anisotropic two-dimensionalXY-model. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1976, 34, 411-435.	0.2	13
164	Frontier between separability and quantum entanglement in a many spin system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 301, 105-111.	2.1	13
165	Nonextensive statistical mechanics and central limit theorems IIâ€"Convolution of q-independent random variables. AIP Conference Proceedings, 2007, , .	0.4	13
166	A new entropy based on a group-theoretical structure. Annals of Physics, 2016, 366, 22-31.	2.8	13
167	Overdamped dynamics of particles with repulsive power-law interactions. Physical Review E, 2018, 98, .	2.1	13
168	A generalised model for asymptotically-scale-free geographical networks. Journal of Statistical Mechanics: Theory and Experiment, 2020, 2020, 043404.	2.3	13
169	q-Gaussian approximants mimic non-extensive statistical-mechanical expectation for many-body probabilistic model with long-range correlations. Open Physics, 2009, 7, .	1.7	12
170	A generalization of the cumulant expansion. Application to a scale-invariant probabilistic model. Journal of Mathematical Physics, 2010, 51, 073301.	1.1	12
171	Nonlinear inhomogeneous Fokker-Planck equations: Entropy and free-energy time evolution. Physical Review E, 2016, 94, 062117.	2.1	12
172	The limit distribution in theq-CLT for $q,geqslant ,1$ is unique and can not have a compact support. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 415204.	2.1	12
173	Epidemiological Model With Anomalous Kinetics: Early Stages of the COVID-19 Pandemic. Frontiers in Physics, 2020, 8, .	2.1	12
174	Acoustic emissions in compression of building materials: q-statistics enables the anticipation of the breakdown point. European Physical Journal: Special Topics, 2020, 229, 841-849.	2.6	12
175	Connecting complex networks to nonadditive entropies. Scientific Reports, 2021, 11, 1130.	3.3	12
176	Derivation of LÃ©vy-type anomalous superdiffusion from generalized statistical mechanics. Lecture Notes in Physics, 1995, , 269-289.	0.7	11
177	Metastable states of the classical inertial infinite-range-interaction Heisenberg ferromagnet: role of initial conditions. Physica A: Statistical Mechanics and Its Applications, 2004, 344, 587-594.	2.6	11
178	SOME OPEN POINTS IN NONEXTENSIVE STATISTICAL MECHANICS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1230030.	1.7	11
179	Inter-occurrence times and universal laws in finance, earthquakes and genomes. Chaos, Solitons and Fractals, 2016, 88, 254-266.	5.1	11
180	Statistical characterization of discrete conservative systems: The web map. Physical Review E, 2017, 96, 042158.	2.1	11

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181	MÃ¶bius Transforms, Cycles and q-triplets in Statistical Mechanics. Entropy, 2019, 21, 1155.	2.2	11
182	Mother wavelet functions generalized throughq-exponentials. Journal of Physics A, 2004, 37, 9125-9137.	1.6	10
183	Chaos edges ofz-logistic maps: Connection between the relaxation and sensitivity entropic indices. Physical Review E, 2006, 73, 037201.	2.1	10
184	q -generalized representation of the d -dimensional Dirac delta and q -Fourier transform. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 2583-2587.	2.1	10
185	Enthusiasm and Skepticism: Two Pillars of Scienceâ€"A Nonextensive Statistics Case. Physics, 2022, 4, 609-632.	1.4	10
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