

#	ARTICLE	IF	CITATIONS
1	Signature of the fragmentation of a color flux tube. Physical Review D, 2015, 92, .	1.6	6
2	Systematic analysis of hadron spectra in $\langle p \rangle$ collisions using Tsallis distributions. Physical Review D, 2015, 92, .	1.6	40
3	Entropies from Coarse-graining: Convex Polytopes vs. Ellipsoids. Entropy, 2015, 17, 6329-6378.	1.1	7
4	Can Tsallis Distribution Fit All the Particle Spectra Produced at RHIC and LHC?. Advances in High Energy Physics, 2015, 2015, 1-9.	0.5	43
5	Superstatistical cluster decay. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 2941-2945.	0.9	8
6	Imprints of energy limitation in transverse momentum distributions of jets. European Physical Journal A, 2015, 51, 1.	1.0	5
7	Comparing the Tsallis Distribution with and without Thermodynamical Description in $\langle p \rangle$ Collisions. Advances in High Energy Physics, 2016, 2016, 1-10.	0.5	66
8	Approach of Complexity in Nature: Entropic Nonuniqueness. Axioms, 2016, 5, 20.	0.9	18
9	Multi-particle correlations in transverse momenta from statistical clusters. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 438-441.	1.5	0
10	Generalized nonlinear Proca equation and its free-particle solutions. European Physical Journal C, 2016, 76, 1.	1.4	10
11	Relativistic kinetic theory and non-gaussian statistical. Annals of Physics, 2016, 375, 227-232.	1.0	6
12	Thermodynamics with fractal structure, Tsallis statistics, and hadrons. Physical Review D, 2016, 93, .	1.6	61
13	Short-range two-particle correlations from statistical clusters. Physical Review D, 2016, 93, .	1.6	5
14	Dissipative effects in nonlinear Klein-Gordon dynamics. Europhysics Letters, 2016, 113, 50005.	0.7	10
15	Large Transverse Momenta and Tsallis Thermodynamics. Journal of Physics: Conference Series, 2016, 668, 012050.	0.3	8
16	Nonextensive Nambu-Jona-Lasinio Model of QCD matter. European Physical Journal A, 2016, 52, 1.	1.0	19
17	Inter-occurrence times and universal laws in finance, earthquakes and genomes. Chaos, Solitons and Fractals, 2016, 88, 254-266.	2.5	11
18	On the foundations of statistical mechanics. European Physical Journal: Special Topics, 2017, 226, 1433-1443.	1.2	20

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19	Generalization of the possible algebraic basis of q-triplets. European Physical Journal: Special Topics, 2017, 226, 455-466.	1.2	17
20	The Parameters of The Tsallis Distribution at the LHC. EPJ Web of Conferences, 2017, 137, 11004.	0.1	11
21	Group theory, entropy and the third law of thermodynamics. Annals of Physics, 2017, 377, 62-70.	1.0	2
22	Application of the non-extensive statistical approach to high energy particle collisions. AIP Conference Proceedings, 2017, , .	0.3	14
23	Charge-multiplicity and collision-energy dependence of pions spectra from p-p collisions at the relativistic heavy-ion collider and large hadron collider. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 075008.	1.4	5
24	Systematic comparison of Tsallis statistics for charged pions produced in pp collisions. European Physical Journal A, 2017, 53, 1.	1.0	28
25	Analyses of whole transverse momentum distributions in p-p, and pp collisions by using a modified version of Hagedorn's formula. International Journal of Modern Physics A, 2017, 32, 1750057.	0.5	30
26	Description of charged particle pseudorapidity distributions in Pb+Pb collisions with Tsallis thermodynamics. European Physical Journal A, 2017, 53, 1.	1.0	7
27	Using the Tsallis distribution for hadron spectra in p-p collisions: Pions and quarkonia at $\sqrt{s} = 13000$ GeV. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 075102.	1.6	34
28	Event-by-event study of space-time dynamics in flux-tube fragmentation. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 075102.	1.4	2
29	Systematic Analysis of the Non-Extensive Statistical Approach in High Energy Particle Collisions: Experiment vs. Theory. Entropy, 2017, 19, 88.	1.1	45
30	Fractal Structure of Hadrons: Experimental and Theoretical Signatures. Universe, 2017, 3, 62.	0.9	10
31	Oscillations in Multiparticle Production Processes. Entropy, 2017, 19, 670.	1.1	4
32	Transverse momentum spectra of hadrons in high energy pp and heavy ion collisions. Journal of Physics Communications, 2018, 2, 035003.	0.5	15
33	Generalized statistical mechanics of cosmic rays: Application to positron-electron spectral indices. Scientific Reports, 2018, 8, 1764.	1.6	36
34	On the precise determination of the Tsallis parameters in proton-proton collisions at LHC energies. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 055001.	1.4	33
35	Route from discreteness to the continuum for the Tsallis q-entropy. Physical Review E, 2018, 97, 012104.	0.8	10
36	Examining nonextensive statistics in relativistic heavy-ion collisions. Physical Review C, 2018, 97, .	1.1	11

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37	Non-extensivity of the QCD pT-spectra. European Physical Journal A, 2018, 54, 1.	1.0	6
38	Superstatistics and the effective QCD phase diagram. Physical Review D, 2018, 98, .	1.6	23
39	Fractal Structure and Non-Extensive Statistics. Entropy, 2018, 20, 633.	1.1	35
40	Looking for the Gluon Condensation Signature in Protons Using the Earth-limb Gamma-Ray Spectra. Astrophysical Journal, 2018, 868, 2.	1.6	12
41	Particle yields from numerical simulations. Physical Review D, 2018, 97, .	1.6	2
42	Comparing Standard Distribution and Its Tsallis Form of Transverse Momenta in High Energy Collisions. Advances in High Energy Physics, 2018, 2018, 1-12.	0.5	10
43	Renormalization Group Equation for Tsallis Statistics. Advances in High Energy Physics, 2018, 2018, 1-4.	0.5	6
44	Validity and failure of the Boltzmann weight. Europhysics Letters, 2018, 123, 30003.	0.7	26
45	Some intriguing aspects of multiparticle production processes. International Journal of Modern Physics A, 2018, 33, 1830008.	0.5	23
46	Hadronization within the non-extensive approach and the evolution of the parameters. European Physical Journal A, 2019, 55, 1.	1.0	12
47	Beyond Boltzmannâ€™Gibbsâ€™Shannon in Physics and Elsewhere. Entropy, 2019, 21, 696.	1.1	34
48	Analysis on hadron spectra in heavy-ion collisions with a new non-extensive approach. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 105101.	1.4	6
49	Testing nonextensive statistics in relativistic heavy-ion collisions. EPJ Web of Conferences, 2019, 206, 04002.	0.1	1
50	Nonlinear quantum mechanics in a q-deformed Hilbert space. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 2729-2738.	0.9	8
51	Fluctuation, Dissipation, and Non-Boltzmann Energy Distributions. SpringerBriefs in Physics, 2019, , 61-84.	0.2	1
52	Möbius Transforms, Cycles and q-triplets in Statistical Mechanics. Entropy, 2019, 21, 1155.	1.1	11
53	Lorentz transformations of the thermodynamic quantities. Annals of Physics, 2019, 401, 130-138.	1.0	7
54	Super-statistical description of thermo-magnetic properties of a system of 2D GaAs quantum dots with gaussian confinement and Rashba spinâ€™orbit interaction. Physica A: Statistical Mechanics and Its Applications, 2020, 548, 123871.	1.2	13

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55	Fractal Structures of Yang-Mills Fields and Non-Extensive Statistics: Applications to High Energy Physics. Physics, 2020, 2, 455-480.	0.5	23
56	A New Description of Transverse Momentum Spectra of Identified Particles Produced in Proton-Proton Collisions at High Energies. Advances in High Energy Physics, 2020, 2020, 1-16.	0.5	7
57	Fluctuating temperature and baryon chemical potential in heavy-ion collisions and the position of the critical end point in the effective QCD phase diagram. Physical Review D, 2020, 101, .	1.6	13
58	Similarities in Multiparticle Production Processes in pp Collisions as Imprints of Nonextensive Statistics. Symmetry, 2020, 12, 1339.	1.1	2
59	Investigating the inclusive transverse spectra in high-energy $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{collisions in the context of geometric scaling framework. Physical Review D, 2020, 102, .$	1.6	18
60	Clustering properties of produced particles in high-energy pp collisions. Physical Review D, 2020, 102, .	1.6	2
61	Systematic investigation of the particle spectra in heavy-ion collisions at the Large Hadron Collider. Modern Physics Letters A, 2020, 35, 2050177.	0.5	3
62	Energy density at kinetic freeze-out in Pb-Pb collisions at the LHC using the Tsallis distribution. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 045001.	1.4	16
63	Dependence of related parameters on centrality and mass in a new treatment for transverse momentum spectra in high energy collisions. European Physical Journal A, 2021, 57, 1.	1.0	10
64	Centrality, transverse momentum and collision energy dependence of the Tsallis parameters in relativistic heavy-ion collisions. European Physical Journal Plus, 2021, 136, 1.	1.2	8
65	Relaxation and correlation times of nonequilibrium multiparticle systems. Physical Review D, 2021, 103, .	1.6	2
66	Beyond the relaxation time approximation. European Physical Journal A, 2021, 57, 1.	1.0	3
67	Tsallis statistics, fractals and QCD. Nuclear and Particle Physics Proceedings, 2021, 312-317, 166-170.	0.2	1
68	Remarks on the phenomenological Tsallis distributions and their link with the Tsallis statistics. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 325004.	0.7	2
69	Superstatistics and quantum entanglement in the isotropic spin-1/2 $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{X} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{X} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{dimer from a nonadditive thermodynamics perspective. Physical Review E, 2021, 104, 024139.}$	0.8	6
70	Perspective on Tsallis statistics for nuclear and particle physics. International Journal of Modern Physics E, 2021, 30, .	0.4	10
71	Nonequilibrium kinetic freeze-out properties in relativistic heavy ion collisions from energies employed at the RHIC beam energy scan to those available at the LHC. Physical Review C, 2021, 104, .	1.1	15
72	Solid-liquid phase transition and heat engine in an asymptotically flat Schwarzschild black hole via the R�nyi extended phase space approach. Physical Review D, 2021, 104, .	1.6	14

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73	Correspondence of multiplicity and energy distributions. European Physical Journal A, 2021, 57, 1.	1.0	1
74	Tsallis-thermometer: a QGP indicator for large and small collisional systems. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 105002.	1.4	27
75	Universal properties of primary and secondary cosmic ray energy spectra. New Journal of Physics, 2020, 22, 093002.	1.2	7
76	Fractal structure of Yang-mills fields. Physica Scripta, 2020, 95, 094006.	1.2	7
78	Maverick Views and Problems. SpringerBriefs in Physics, 2019, , 85-108.	0.2	0
79	Effects of Superstatistics on the Location of the Effective QCD Critical End Point. Ukrainian Journal of Physics, 2019, 64, 665.	0.1	1
80	Study of invariance of nonextensive statistics under the uniform energy spectrum translation. Physica A: Statistical Mechanics and Its Applications, 2022, 588, 126556.	1.2	4
82	Entropy exchange and thermal fluctuations in the Jaynesâ€“Cummings model. European Physical Journal Plus, 2022, 137, 1.	1.2	2
83	Nonlinear waves in a hot, viscous and non-extensive quark-gluon plasma. European Physical Journal C, 2022, 82, 1.	1.4	2
84	A three component model for hadron p_{T} -spectra in pp and Pbâ€“Pb collisions at the LHC. European Physical Journal A, 2021, 57, 1.	1.0	0
85	Nonextensive statistical field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 830, 137147.	1.5	4
86	Enthusiasm and Skepticism: Two Pillars of Scienceâ€“A Nonextensive Statistics Case. Physics, 2022, 4, 609-632.	0.5	10
87	Nonextensive percolation and Lee-Yang edge singularity from nonextensive $\hat{\mathbb{I}}_3$ scalar field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 833, 137284.	1.5	2
88	QCD equation of state with Tsallis statistics for heavy-ion collisions. Physical Review D, 2022, 106, .	1.6	2
89	Gauge fields renormalization groups and thermofractals. Journal of Physics: Conference Series, 2022, 2340, 012017.	0.3	0
90	Collective expansion in pp collisions using the Tsallis statistics. Journal of Physics G: Nuclear and Particle Physics, 2022, 49, 115101.	1.4	2
91	Information Shift Dynamics Described by Tsallis $q = 3$ Entropy on a Compact Phase Space. Entropy, 2022, 24, 1671.	1.1	0
92	Universal scaling of kinetic freeze-out parameters across different collision systems at LHC energies*. Chinese Physics C, 2023, 47, 024103.	1.5	3

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93	Structure formation during phase transitions in strongly interacting matter. Progress in Particle and Nuclear Physics, 2023, 130, 104030.	5.6	3
94	Tsallis statistics and thermofractals: Applications to high energy and hadron physics. International Journal of Modern Physics A, 2023, 38, .	0.5	2
95	Nonextensive Footprints in Dissipative and Conservative Dynamical Systems. Symmetry, 2023, 15, 444.	1.1	3
96	From the Boltzmann equation with non-local correlations to a standard non-linear Fokker-Planck equation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 839, 137752.	1.5	10
97	Acoustic Emissions in Rock Deformation and Failure: New Insights from Q-Statistical Analysis. Entropy, 2023, 25, 701.	1.1	1