

Zbigniew Wlodarczyk

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37 papers	407 citations	12 h-index	19 g-index
42 ext. papers	461 ext. citations	2.5 avg, IF	4.19 L-index

#	Paper	IF	Citations
37	Multiplicity fluctuations due to the temperature fluctuations in high-energy nuclear collisions. <i>Physical Review C</i> , 2009 , 79,	2.7	64
36	Tsallis statistics approach to the transverse momentum distributions in p \bar{p} collisions. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	56
35	Tsallis Distribution Decorated with Log-Periodic Oscillation. <i>Entropy</i> , 2015 , 17, 384-400	2.8	38
34	Self-similarity in jet events following from pp collisions at LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 163-167	4.2	24
33	On the possibility of q-scaling in high-energy production processes. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2012 , 39, 095004	2.9	24
32	Uncertainty relations in terms of the Tsallis entropy. <i>Physical Review A</i> , 2009 , 79,	2.6	23
31	System size dependence of the log-periodic oscillations of transverse momentum spectra ?. <i>EPJ Web of Conferences</i> , 2015 , 90, 01002	0.3	18
30	How to retrieve additional information from the multiplicity distributions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017 , 44, 015002	2.9	16
29	Some intriguing aspects of multiparticle production processes. <i>International Journal of Modern Physics A</i> , 2018 , 33, 1830008	1.2	16
28	Quasi-power laws in multiparticle production processes. <i>Chaos, Solitons and Fractals</i> , 2015 , 81, 487-496	9.3	14
27	On possible origins of power-law distributions 2013 ,		13
26	Equivalence of volume and temperature fluctuations in power-law ensembles. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2011 , 38, 065101	2.9	13
25	The nucleon-nucleon collision profile and cross section fluctuations. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 015106	2.9	12
24	On the chemical composition of cosmic rays of highest energy. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2011 , 38, 085201	2.9	12
23	The imprints of superstatistics in multiparticle production processes. <i>Open Physics</i> , 2012 , 10,	1.3	11
22	Nonextensive thermal sources of cosmic rays. <i>Central European Journal of Physics</i> , 2010 , 8, 726-736		11
21	Modeling Bose-Einstein correlations via elementary emitting cells. <i>Physical Review D</i> , 2007 , 75,	4.9	10

20	Intriguing properties of multiplicity distributions. <i>Physical Review D</i> , 2019 , 99,	4.9	9
19	Superstatistical cluster decay. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015 , 379, 2941-2945	2.3	8
18	Imprints of energy limitation in transverse momentum distributions of jets. <i>European Physical Journal A</i> , 2015 , 51, 1	2.5	4
17	Fluctuations and clustering of multiplicity in collisions of relativistic ions. <i>European Physical Journal A</i> , 2020 , 56, 1	2.5	2
16	Oscillations in Multiparticle Production Processes. <i>Entropy</i> , 2017 , 19, 670	2.8	2
15	Oscillations in counting statistics. <i>EPJ Web of Conferences</i> , 2017 , 141, 01005	0.3	2
14	A look at multiparticle production via modified combinants. <i>European Physical Journal A</i> , 2020 , 56, 1	2.5	2
13	Puzzle of muons in extensive air showers. <i>International Journal of Modern Physics D</i> , 2019 , 28, 1950097	2.2	1
12	Similarities in Multiparticle Production Processes in pp Collisions as Imprints of Nonextensive Statistics. <i>Symmetry</i> , 2020 , 12, 1339	2.7	1
11	Energy conservation and the prevalence of power distributions. <i>European Physical Journal A</i> , 2018 , 54, 1	2.5	1
10	Inelasticity resulting from rapidity spectra analysis. <i>New Journal of Physics</i> , 2020 , 22, 113002	2.9	0
9	Counting distributions from the perspective of combinants. <i>International Journal of Modern Physics A</i> , 2021 , 36, 2150072	1.2	0
8	Beyond the relaxation time approximation. <i>European Physical Journal A</i> , 2021 , 57, 1	2.5	0
7	Sound waves in hadronic matter. <i>EPJ Web of Conferences</i> , 2018 , 172, 01002	0.3	
6	The puzzle of muons: novel particles or novel properties. <i>Journal of Physics: Conference Series</i> , 2019 , 1181, 012051	0.3	
5	Muon bundles from extensive air showers. <i>EPJ Web of Conferences</i> , 2017 , 141, 08012	0.3	
4	Initial state characteristics of proton-nucleus collisions from Glauber Monte Carlo. <i>EPJ Web of Conferences</i> , 2015 , 99, 10006	0.3	
3	NEW PROPOSAL OF NUMERICAL MODELLING OF BOSE-EINSTEIN CORRELATIONS: BOSE-EINSTEIN CORRELATIONS FROM WITHIN 2006 , 175-187		

2 Self-similarity in Fluctuations and Clustering of Multiplicities. *EPJ Web of Conferences*, **2020**, 235, 01005 0.3

1 Correspondence of multiplicity and energy distributions. *European Physical Journal A*, **2021**, 57, 1 2.5