

# Zbigniew Wlodarczyk

## List of Publications by Year in Descending Order

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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	Counting distributions from the perspective of combinants. <i>International Journal of Modern Physics A</i> , <b>2021</b> , 36, 2150072	1.2	0
36	Beyond the relaxation time approximation. <i>European Physical Journal A</i> , <b>2021</b> , 57, 1	2.5	0
35	Correspondence of multiplicity and energy distributions. <i>European Physical Journal A</i> , <b>2021</b> , 57, 1	2.5	
34	Fluctuations and clustering of multiplicity in collisions of relativistic ions. <i>European Physical Journal A</i> , <b>2020</b> , 56, 1	2.5	2
33	A look at multiparticle production via modified combinants. <i>European Physical Journal A</i> , <b>2020</b> , 56, 1	2.5	2
32	Inelasticity resulting from rapidity spectra analysis. <i>New Journal of Physics</i> , <b>2020</b> , 22, 113002	2.9	0
31	Self-similarity in Fluctuations and Clustering of Multiplicities. <i>EPJ Web of Conferences</i> , <b>2020</b> , 235, 01005	0.3	
30	Similarities in Multiparticle Production Processes in pp Collisions as Imprints of Nonextensive Statistics. <i>Symmetry</i> , <b>2020</b> , 12, 1339	2.7	1
29	Intriguing properties of multiplicity distributions. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	9
28	Puzzle of muons in extensive air showers. <i>International Journal of Modern Physics D</i> , <b>2019</b> , 28, 1950097	2.2	1
27	The puzzle of muons: novel particles or novel properties. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1181, 012051	0.3	
26	Sound waves in hadronic matter. <i>EPJ Web of Conferences</i> , <b>2018</b> , 172, 01002	0.3	
25	Some intriguing aspects of multiparticle production processes. <i>International Journal of Modern Physics A</i> , <b>2018</b> , 33, 1830008	1.2	16
24	Energy conservation and the prevalence of power distributions. <i>European Physical Journal A</i> , <b>2018</b> , 54, 1	2.5	1
23	How to retrieve additional information from the multiplicity distributions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2017</b> , 44, 015002	2.9	16
22	Oscillations in Multiparticle Production Processes. <i>Entropy</i> , <b>2017</b> , 19, 670	2.8	2
21	Oscillations in counting statistics. <i>EPJ Web of Conferences</i> , <b>2017</b> , 141, 01005	0.3	2

20	Muon bundles from extensive air showers. <i>EPJ Web of Conferences</i> , <b>2017</b> , 141, 08012	0.3	
19	Quasi-power laws in multiparticle production processes. <i>Chaos, Solitons and Fractals</i> , <b>2015</b> , 81, 487-496	9.3	14
18	Tsallis Distribution Decorated with Log-Periodic Oscillation. <i>Entropy</i> , <b>2015</b> , 17, 384-400	2.8	38
17	Superstatistical cluster decay. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2015</b> , 379, 2941-2945	2.3	8
16	Imprints of energy limitation in transverse momentum distributions of jets. <i>European Physical Journal A</i> , <b>2015</b> , 51, 1	2.5	4
15	System size dependence of the log-periodic oscillations of transverse momentum spectra ?. <i>EPJ Web of Conferences</i> , <b>2015</b> , 90, 01002	0.3	18
14	Initial state characteristics of proton-nucleus collisions from Glauber Monte Carlo. <i>EPJ Web of Conferences</i> , <b>2015</b> , 99, 10006	0.3	
13	Tsallis statistics approach to the transverse momentum distributions in p $\bar{p}$ collisions. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	56
12	The nucleon-nucleon collision profile and cross section fluctuations. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2014</b> , 41, 015106	2.9	12
11	Self-similarity in jet events following from pp collisions at LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 727, 163-167	4.2	24
10	On possible origins of power-law distributions <b>2013</b> ,		13
9	The imprints of superstatistics in multiparticle production processes. <i>Open Physics</i> , <b>2012</b> , 10,	1.3	11
8	On the possibility of q-scaling in high-energy production processes. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2012</b> , 39, 095004	2.9	24
7	On the chemical composition of cosmic rays of highest energy. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2011</b> , 38, 085201	2.9	12
6	Equivalence of volume and temperature fluctuations in power-law ensembles. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2011</b> , 38, 065101	2.9	13
5	Nonextensive thermal sources of cosmic rays. <i>Central European Journal of Physics</i> , <b>2010</b> , 8, 726-736		11
4	Multiplicity fluctuations due to the temperature fluctuations in high-energy nuclear collisions. <i>Physical Review C</i> , <b>2009</b> , 79,	2.7	64
3	Uncertainty relations in terms of the Tsallis entropy. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	23

2 Modeling Bose-Einstein correlations via elementary emitting cells. *Physical Review D*, **2007**, 75, 4.9 10

1 NEW PROPOSAL OF NUMERICAL MODELLING OF BOSE-EINSTEIN CORRELATIONS: BOSE-EINSTEIN CORRELATIONS FROM WITHIN **2006**, 175-187