Kamel Ourabah

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7427609/publications.pdf

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33	443	687363 13	752698 20
papers	citations	h-index	g-index

33	33	33	187
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gravitational instability with a dark matter background: exploring the different scenarios. European Physical Journal C, 2022, 82, .	3.9	4
2	Generalized statistical mechanics of stellar systems. Physical Review E, 2022, 105, .	2.1	6
3	Gaussian traveling wave solutions for two argument-SchrÃ¶dinger equations under potentials. Applied Mathematics Letters, 2021, 113, 106889.	2.7	1
4	Quantum Gravity Corrections to a System of Self-gravitating Fermions. International Journal of Theoretical Physics, 2021, 60, 131-142.	1.2	1
5	Fingerprints of nonequilibrium stationary distributions in dispersion relations. Scientific Reports, 2021, 11, 12103.	3.3	13
6	Jeans instability in Eddington-inspired Born-Infeld (EiBI) gravity: a quantum approach. Physica Scripta, 2021, 96, 125208.	2.5	7
7	Thomasâ€“Fermi theory at the Planck scale: A relativistic approach. Annals of Physics, 2020, 413, 168051.	2.8	8
8	Nonlinear SchrÃ¶dinger equations involved in dark matter halos: modulational instability. European Physical Journal Plus, 2020, 135, 1.	2.6	6
9	Non-Gaussian statistics from the generalized uncertainty principle. European Physical Journal Plus, 2020, 135, 1.	2.6	31
10	Quasiequilibrium self-gravitating systems. Physical Review D, 2020, 102, .	4.7	24
11	Jeans instability in dark matter halos. Physica Scripta, 2020, 95, 055005.	2.5	15
12	Continuous quantum systems in a fluctuating environment. European Physical Journal Plus, 2020, 135, 1.	2.6	0
13	Demystifying the success of empirical distributions in space plasmas. Physical Review Research, 2020, 2, .	3.6	18
14	Linear dark matter density perturbations: A Wigner approach. Europhysics Letters, 2020, 132, 19002.	2.0	7
15	Superstatistics: Consequences on gravitation and cosmology. Physical Review D, 2019, 100, .	4.7	19
16	On the effect of fractional statistics on quantum ion acoustic waves. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 345-350.	2.1	2
17	On the Thomasâ€“Fermi model at the Planck scale. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 1105-1109.	2.1	12
18	Fractional superstatistics from a kinetic approach. Physical Review E, 2018, 97, 032126.	2.1	14

#	Article	IF	Citations
19	Entanglement in a superstatistical system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 2659-2664.	2.1	7
20	Quantum entanglement and temperature fluctuations. Physical Review E, 2017, 95, 042111.	2.1	24
21	Reply to â€œComment on â€˜Quantum Kaniadakis entropy under projective measurementâ€™ â€. Physical Review E, 2016, 94, 026104.	2.1	0
22	Quantum Kaniadakis entropy under projective measurement. Physical Review E, 2015, 92, 032114.	2.1	12
23	Nonthermal and suprathermal distributions as a consequence of superstatistics. Physical Review E, 2015, 91, 012133.	2.1	46
24	Quantum entanglement and Kaniadakis entropy. Physica Scripta, 2015, 90, 045101.	2.5	31
25	Planck radiation law and Einstein coefficients reexamined in Kaniadakis<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>statistics. Physical Review E, 2014, 89, 062130.	2.1	40
26	Implication of Tsallis entropy in the Thomasâ€“Fermi model for self-gravitating fermions. Annals of Physics, 2014, 342, 78-82.	2.8	15
27	Relativistic formulation of the generalized nonextensive Thomasâ€“Fermi model. Physica A: Statistical Mechanics and Its Applications, 2014, 393, 470-474.	2.6	13
28	Quantum ion-acoustic solitary waves: The effect of exchange correlation. Physical Review E, 2013, 88, 045101.	2.1	44
29	Weakly nonlinear dust ion- acoustic double- layers in a dusty plasma with nonextensive electrons. Astrophysics and Space Science, 2013, 348, 511-516.	1.4	5
30	The nonextensive Thomasâ€“Fermi theory in an <mml:math altimg="si1.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/co	2.6	9
31	Nonextensive approach to the Thomasâ€“Fermi model for an atom within a large magnetic field. Physica Scripta, 2013, 88, 035303.	2.5	0
32	NONEXTENSIVE STATISTICAL MECHANICS APPROACH TO THE SOMMERFELD MODEL FOR METALLIC ELEMENTS. International Journal of Modern Physics B, 2013, 27, 1350181.	2.0	6
33	Dielectric screening in the nonextensive Thomas-Fermi model. Astrophysics and Space Science, 2012, 341, 587-589.	1.4	3