

Masamichi Ishihara

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

112
citations

1478505

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1372567

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26
all docs

26
docs citations

26
times ranked

32
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral phase transitions in the linear sigma model in the Tsallis nonextensive statistics. International Journal of Modern Physics E, 2016, 25, 1650066.	1.0	13
2	Effects of friction on the chiral symmetry restoration in high energy heavy-ion collisions. Physical Review C, 1999, 61, .	2.9	12
3	Phase transition for the system of finite volume in the $\tilde{4}$ theory in the Tsallis nonextensive statistics. International Journal of Modern Physics A, 2018, 33, 1850067.	1.5	12
4	Effects of the Tsallis distribution in the linear sigma model. International Journal of Modern Physics E, 2015, 24, 1550085.	1.0	11
5	Event-by-event mean $\langle p_{\perp} \rangle_{\{m\{T\}}}$ fluctuations and transverse size of color flux tube generated in $p\bar{p}$ collisions at $\sqrt{s} = 0.90$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 015104.	3.6	8
6	Momentum distribution and correlation for a free scalar field in the Tsallis nonextensive statistics based on density operator. European Physical Journal A, 2018, 54, 1.	2.5	8
7	Particle production from disoriented chiral condensates described by a coherent state. Physical Review C, 1998, 57, 1440-1448.	2.9	6
8	Time development of vacuum structure in chiral phase transitions. Physical Review C, 1999, 59, 2221-2226.	2.9	5
9	Transverse momentum fluctuation under the Tsallis distribution at high energies. International Journal of Modern Physics E, 2017, 26, 1750071.	1.0	5
10	Derivation of density operators for generalized entropies with quantum analysis. Physica A: Statistical Mechanics and Its Applications, 2020, 543, 123419.	2.6	5
11	Parametric amplification with friction in heavy ion collisions. Physical Review C, 2000, 62, .	2.9	4
12	Momentum distribution and correlation due to mass difference caused by power-like distribution. International Journal of Modern Physics E, 2017, 26, 1750039.	1.0	4
13	Thermodynamics of the independent harmonic oscillators with different frequencies in the Tsallis statistics in the high physical temperature approximation. European Physical Journal B, 2022, 95, 1.	1.5	3
14	Parametric resonance at the critical temperature in high energy heavy ion collisions. Physical Review C, 2001, 64, .	2.9	2
15	A study on the $\langle p_{\perp} \rangle_{\{m\{T\}}}$ fluctuations and transverse size of color flux tube generated in $p\bar{p}$ collisions at $\sqrt{s} = 0.90$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 015104. <small>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/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/</small>	2.6	2
16	Time Variation and Strength Distribution of Air Dose Rate in Fukushima. Health Physics, 2014, 106, 558-564.	0.5	2
17	Application of optimization method to the $x^{⁴}$ model in the Tsallis nonextensive statistics. International Journal of Modern Physics B, 2015, 29, 1450234.	2.0	2
18	Chiral phase transition within the linear sigma model in the Tsallis nonextensive statistics based on density operator. International Journal of Modern Physics E, 2019, 28, 1950020.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Time Development of Vacuum Structure in Chiral Phase Transition. Progress of Theoretical Physics Supplement, 1997, 129, 97-100.	0.1	1
20	Amplification Induced by White Noise. Progress of Theoretical Physics, 2006, 116, 37-46.	2.0	1
21	Description of a domain using a squeezed state in a scalar field theory. European Physical Journal C, 2013, 73, 1.	3.9	1
22	Suppression of Growth by Multiplicative White Noise in a Parametric Resonant System. Brazilian Journal of Physics, 2015, 45, 112-119.	1.4	1
23	Effects of Tsallis distribution on parametric resonance in chiral phase transitions. International Journal of Modern Physics E, 2016, 25, 1650051.	1.0	1
24	Derivation of the density operator with quantum analysis for the generalized Gibbs ensemble in quantum statistics. Physica A: Statistical Mechanics and Its Applications, 2021, 583, 126321.	2.6	1
25	Fractal Structure of the Distributions of Air Dose Rates in Koriyama City in Fukushima. Health Physics, 2014, 107, 336-342.	0.5	0
26	Chiral phase transition in the linear sigma model within Hartree factorization under $(1-q)$ expansion and free particle approximation in the Tsallis nonextensive statistics. European Physical Journal A, 2020, 56, 1.	2.5	0