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List of Publications by Year
in descending order

19 papers	**260** citations	933447 **10** h-index	940533 **16** g-index
19 all docs	**19** docs citations	**19** times ranked	**156** citing authors

#	Article	IF	Citations
1	Gaussian effective potential. III.Ï†6theory and bound states. Physical Review D, 1986, 33, 2305-2315.	4.7	72
2	Classical bifurcation in a quadrupolar NMR system. Physical Review A, 2013, 87, .	2.5	23
3	A geometric wave function for a few interacting bosons in a harmonic trap. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 1065-1070.	2.1	22
4	Nonextensive thermostatistics and deformed structures. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 242, 296-300.	2.1	19
5	Two interacting fermions in a one-dimensional harmonic trap: Matching the Bethe ansatz and variational approaches. Physical Review A, 2012, 86, .	2.5	19
6	Quantum phase transitions in Boseâ€"Einstein condensates from a Bethe ansatz perspective. Nuclear Physics B, 2012, 856, 698-715.	2.5	18
7	First-order phase transitions in superconducting films: A Euclidean model. Physical Review B, 2006, 73, .	3.2	15
8	Gauge fluctuations in superconducting films. European Physical Journal B, 2004, 37, 515-522.	1.5	12
9	Evolution of biodiversity and sympatric speciation through competition in a unimodal distribution of resources. Physica A: Statistical Mechanics and Its Applications, 2007, 376, 378-386.	2.6	12
10	Spontaneous symmetry restoration in a field theory at finite chemical potential in a toroidal topology. Physical Review D, 2012, 86, .	4.7	10
11	THE QUANTUM ALGEBRAIC STRUCTURE OF THE TWISTED XXZ CHAIN. Modern Physics Letters A, 1995, 10, 419-424.	1.2	8
12	Deformed systems at finite temperature. Physica A: Statistical Mechanics and Its Applications, 1994, 206, 253-266.	2.6	6
13	Critical temperature for first-order phase transitions in confined systems. European Physical Journal B, 2007, 60, 353-362.	1.5	6
14	First-order phase transition for a field theory at finite chemical potential in a toroidal topology. Europhysics Letters, 2012, 98, 41001.	2.0	5
15	Sharp gene pool transition in a population affected by phenotype-based selective hunting. European Physical Journal B, 2005, 45, 529-532.	1.5	4
16	The role of the central element in the quantum algebra underlying the twisted XXZ chain. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 354, 389-395.	4.1	3
17	Gauge fluctuations and transition temperature for superconducting wires. Physica A: Statistical Mechanics and Its Applications, 2006, 359, 455-468.	2.6	3
18	A bosonic multi-state two-well model. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 265206.	2.1	2

#	Article	IF	Citations
19	The Gaussian effective potential and stochastic partial differential equations. Physica A: Statistical Mechanics and Its Applications, 2007, 385, 137-147.	2.6	1