Mario Pernici

List of Publications by Year
in descending order

16 papers	227 citations	1478505 6 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	140 citing authors

#	Article	IF	Citations
1	Wave equations for arbitrary spin from quantization of the extended supersymmetric spinning particle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 215, 555-558.	4.1	120
2	The one-loop effective action of noncommutative super Yang–Mills is gauge invariant. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 504, 131-140.	4.1	27
3	The bilinear Caper model for spins <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml482" display="inline" overflow="scroll" altimg="si2.gif"><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml483" display="inline" overflow="scroll" altimg="si483.gif"><mml:mn>3</mml:mn><mml:mn>2</mml:mn><mml:mo>⁄</mml:mo><mml:mn>2</mml:mn></mml:math> in	2.6	24
4	Free energy in a magnetic field and the universal scaling equation of state for the three-dimensional Ising model. Physical Review B, 2011, 83, .	3.2	15
5	High-accuracy estimates of the critical parameters for the model on the square and the triangular lattices using the high-temperature expansions. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 6293-6298.	2.6	13
6	$(m,d,N)=(1,3,2)$Lifshitz point and the three-dimensionalXYuniversality class studied by high-temperature bivariate series forXYmodels with anisotropic competing interactions. Physical Review B, 2008, 78, .	3.2	7
7	On power series solutions for the Euler equation, and the Behr–Neĉas–Wu initial datum. ESAIM: Mathematical Modelling and Numerical Analysis, 2013, 47, 663-688.	1.9	4
8	Large order Reynolds expansions for the Navier–Stokes equations. Applied Mathematics Letters, 2015, 49, 58-66.	2.7	4
9	Proof of a Conjecture on the Infinite Dimension Limit of a Unifying Model for Random Matrix Theory. Journal of Statistical Physics, 2019, 175, 384-401.	1.2	4
10	Extended scaling behavior of the spatially anisotropic classicalXYmodel in the crossover from three to two dimensions. Physical Review B, 2009, 80, .	3.2	2
11	New results on the constants in some inequalities for the Navier–Stokes quadratic nonlinearity. Applied Mathematics and Computation, 2017, 308, 54-72.	2.2	2
12	Positivity of the virial coefficients in lattice dimer models and upper bounds on the number of matchings on graphs. Physica A: Statistical Mechanics and Its Applications, 2015, 437, 278-294.	2.6	1
13	A positivity property of the dimer entropy of graphs. Physica A: Statistical Mechanics and Its Applications, 2015, 421, 208-217.	2.6	1
14	Ising low-temperature polynomials and hard-sphere gases on cubic lattices of general dimension. Physica A: Statistical Mechanics and Its Applications, 2016, 444, 220-234.	2.6	1
15	$1⁄n$ Expansion for the Number of Matchings on Regular Graphs and Monomer-Dimer Entropy. Journal of Statistical Physics, 2017, 168, 666-679.	1.2	1
16	Sparse Random Block Matrices. Journal of Physics A: Mathematical and Theoretical, 0, , .	2.1	1