

# Mario Pernici

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/825128/publications.pdf>

Version: 2024-02-01

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	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. The Blume-Capel model for spins $S$ and $\langle S^2 \rangle$ and $\langle S^4 \rangle$	1.2	4
2	New results on the constants in some inequalities for the Navier-Stokes quadratic nonlinearity. Applied Mathematics and Computation, 2017, 308, 54-72.	2.6	24
3	$1/n$ Expansion for the Number of Matchings on Regular Graphs and Monomer-Dimer Entropy. Journal of Statistical Physics, 2017, 168, 666-679.	2.2	2
4	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.	1.2	1
5	Large order Reynolds expansions for the Navier-Stokes equations. Applied Mathematics Letters, 2015, 49, 58-66.	2.6	1
6	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.	2.7	4
7	A positivity property of the dimer entropy of graphs. Physica A: Statistical Mechanics and Its Applications, 2015, 421, 208-217.	2.6	1
8	On power series solutions for the Euler equation, and the Behr-Wu initial datum. ESAIM: Mathematical Modelling and Numerical Analysis, 2013, 47, 663-688.	1.9	4
9	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
10	Extended scaling behavior of the spatially anisotropic classical XY model in the crossover from three to two dimensions. Physical Review B, 2009, 80, .	3.2	2
11	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
12	$(m,d,N)=(1,3,2)$ Lifshitz point and the three-dimensional XY universality class studied by high-temperature bivariate series for XY models with anisotropic competing interactions. Physical Review B, 2008, 78, .	3.2	7
13	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
14	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
15	Sparse Random Block Matrices. Journal of Physics A: Mathematical and Theoretical, 0, , .	2.1	1