Marek NapiÃ³rkowski

List of Publications by Year
in descending order

		1163117	1199594
19 papers	150 citations	8 h-index	12 g-index
19 all docs	19 docs citations	19 times ranked	68 citing authors

#	Article	IF	Citations
1	The three–state lattice gas as model for binary gas–liquid systems. Journal of Chemical Physics, 1987, 86, 5771-5777.	3.0	29
2	Casimir force induced by an imperfect Bose gas. Physical Review E, 2011, 84, 061105.	2.1	24
3	The imperfect Bose gas in d dimensions: critical behavior and Casimir forces. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P06015.	2.3	17
4	Quantum criticality of the imperfect Bose gas in d dimensions. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P10019.	2.3	12
5	Lateral critical Casimir force in 2D Ising strip with inhomogeneous walls. Journal of Chemical Physics, 2014, 141, 064704.	3.0	9
6	Capillary interface potential and interfacial fluctuations. Molecular Physics, 1995, 84, 171-184.	1.7	8
7	The Bulk Correlation Length and the Range of Thermodynamic Casimir Forces at Bose-Einstein Condensation. Journal of Statistical Physics, 2012, 147, 1145-1155.	1.2	8
8	On the Relation Between Casimir Forces and Bulk Correlations. Journal of Statistical Physics, 2014, 156, 1136-1145.	1.2	8
9	Continuous and discontinuous transitions between two types of capillary bridges on a beaded chain pulled out from a liquid. Soft Matter, 2017, 13, 4698-4708.	2.7	6
10	Thermodynamic equivalence of two-dimensional imperfect attractive Fermi and repulsive Bose gases. Physical Review A, 2017, 95, .	2.5	6
11	Lateral critical Casimir force in two–dimensional inhomogeneous Ising strip. Exact results. Journal of Chemical Physics, 2016, 144, 214703.	3.0	5
12	Wetting of heterogeneous substrates. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1994, 98, 411-412.	0.9	4
13	The influence of electrical fields on diffusion of donors and acceptors in semiconductor junctions. Journal of Applied Physics, 1988, 63, 1608-1613.	2.5	3
14	Wetting Transitions in Terms of Effective Potentials. Physical Review Letters, 2015, 114, 039601.	7.8	3
15	Non-universal Casimir Forces at Approach to Bose–Einstein Condensation of an Ideal Gas: Effect of Dirichlet Boundary Conditions. Journal of Statistical Physics, 2020, 181, 944-951.	1.2	3
16	Thermodynamics of inhomogeneous imperfect quantum gases in harmonic traps. Journal of Statistical Mechanics: Theory and Experiment, 2019, 2019, 063101.	2.3	2
17	Casimir forces for the ideal Bose gas in anisotropic optical lattices: the effect of alternating sign upon varying dimensionality. Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 083201.	2.3	2
18	A note on the range of the applicability of the Ornstein–Zernike theory in the van der Waals model. Journal of Mathematical Physics, 1977, 18, 2162-2165.	1.1	1

#	ARTICLE	IF	CITATIONS
19	Exact results for the solvation force in 2D Ising stripes. , 2009, , .		0