

Aleksandra PetkoviÄ

List of Publications by Year in descending order

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papers

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citations

1163117

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22
docs citations

22
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase Transition of Interacting Disordered Bosons in One Dimension. <i>Physical Review Letters</i> , 2012, 109, 026402.	7.8	53
2	The Casimir-like effect in a one-dimensional Bose gas. <i>New Journal of Physics</i> , 2019, 21, 053024.	2.9	27
3	Superfluid/Bose-glass transition in one dimension. <i>Physical Review B</i> , 2014, 90, .	3.2	20
4	Field-theoretical approach to the Casimir-like interaction in a one-dimensional Bose gas. <i>Physical Review B</i> , 2019, 99, .	3.2	17
5	Dynamics of a Mobile Impurity in a One-Dimensional Bose Liquid. <i>Physical Review Letters</i> , 2016, 117, 105301.	7.8	14
6	Exact Results for the Boundary Energy of One-Dimensional Bosons. <i>Physical Review Letters</i> , 2019, 123, 250602.	7.8	14
7	Mediated interaction between polarons in a one-dimensional Bose gas. <i>Physical Review A</i> , 2022, 105, .	2.5	12
8	Fluctuation-induced potential for an impurity in a semi-infinite one-dimensional Bose gas. <i>Physical Review B</i> , 2019, 100, .	3.2	11
9	Pinning of flux lines by planar defects. <i>Physical Review B</i> , 2009, 79, .	3.2	8
10	Distribution of velocities and acceleration for a particle in Brownian correlated disorder: Inertial case. <i>Physical Review E</i> , 2012, 85, 061116.	2.1	8
11	Spectrum of Elementary Excitations in Galilean-Invariant Integrable Models. <i>Physical Review Letters</i> , 2018, 120, 165302.	7.8	8
12	Microscopic theory of the friction force exerted on a quantum impurity in one-dimensional quantum liquids. <i>Physical Review B</i> , 2020, 101, .	3.2	8
13	Josephson ladders as a model system for 1D quantum phase transitions. <i>Comptes Rendus Physique</i> , 2018, 19, 484-497.	0.9	7
14	Absence of the Mott Glass Phase in 1D Disordered Fermionic Systems. <i>Physical Review Letters</i> , 2007, 99, 186402.	7.8	5
15	Transport properties of clean and disordered Josephson-junction arrays. <i>Physical Review B</i> , 2009, 80, .	3.2	5
16	Quasiparticle decay in a one-dimensional Bose-Fermi mixture. <i>Physical Review B</i> , 2017, 95, .	3.2	5
17	Density profile of a semi-infinite one-dimensional Bose gas and bound states of the impurity. <i>Physical Review Research</i> , 2020, 2, .	3.6	5
18	Order and Creep in Flux Lattices and Charge Density Wave Pinned by Planar Defects. <i>Physical Review Letters</i> , 2008, 101, 267005.	7.8	4

#	ARTICLE	IF	CITATIONS
19	Exact asymptotic behavior of correlation functions for disordered spin-1/2 XXZ chains. Nuclear Physics B, 2012, 864, 317-327.	2.5	4
20	Pairing fluctuation ac conductivity of disordered thin films. Journal of Physics Condensed Matter, 2013, 25, 355701.	1.8	4
21	Local spectral density of an interacting one-dimensional Bose gas with an impurity. Physical Review A, 2022, 105, .	2.5	2
22	Fluctuation-induced noise in out-of-equilibrium disordered superconducting films. Annals of Physics, 2013, 339, 412-429.	2.8	1