

Johannes Hofmann

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

590
citations

759233

12
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

627
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrections to reaction-diffusion dynamics above the upper critical dimension. <i>Physical Review E</i> , 2022, 105, 024127.	2.1	0
2	Nonrelativistic Conformal Invariance in Mesoscopic Two-Dimensional Fermi Gases. <i>Physical Review Letters</i> , 2022, 128, .	7.8	2
3	Universal relations for dipolar quantum gases. <i>Physical Review Research</i> , 2021, 3, .	3.6	6
4	Hydrodynamics of a superfluid smectic. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 033104.	2.3	7
5	Electromagnetic response of composite Dirac fermions in the half-filled Landau level. <i>Physical Review B</i> , 2021, 104, .	3.2	3
6	Probing embedded topological modes in bulk-like GeTe-Sb ₂ Te ₃ heterostructures. <i>Scientific Reports</i> , 2020, 10, 21806.	3.3	2
7	High-temperature expansion of the viscosity in interacting quantum gases. <i>Physical Review A</i> , 2020, 101, .	2.5	25
8	Quantum oscillations in Dirac magnetoplasmons. <i>Physical Review B</i> , 2019, 100, .	3.2	4
9	Deep Inelastic Scattering on Ultracold Gases. <i>Physical Review X</i> , 2017, 7, .	8.9	16
10	Mesoscopic pairing without superconductivity. <i>Physical Review B</i> , 2017, 96, .	3.2	5
11	Parity effect in a mesoscopic Fermi gas. <i>Physical Review A</i> , 2016, 93, .	2.5	9
12	Surface plasmon polaritons in topological Weyl semimetals. <i>Physical Review B</i> , 2016, 93, .	3.2	106
13	Non-Markovian Quantum Friction of Bright Solitons in Superfluids. <i>Physical Review Letters</i> , 2016, 116, 225301.	7.8	20
14	Efimov correlations in strongly interacting Bose gases. <i>Physical Review A</i> , 2015, 92, .	2.5	25
15	Many-body effects and ultraviolet renormalization in three-dimensional Dirac materials. <i>Physical Review B</i> , 2015, 92, .	3.2	50
16	Coarsening Dynamics of Binary Bose Condensates. <i>Physical Review Letters</i> , 2014, 113, 095702.	7.8	62
17	Pairing effects in the nondegenerate limit of the two-dimensional Fermi gas. <i>Physical Review A</i> , 2014, 89, .	2.5	36
18	Why Does Graphene Behave as a Weakly Interacting System?. <i>Physical Review Letters</i> , 2014, 113, 105502.	7.8	62

#	ARTICLE	IF	CITATIONS
19	Short-distance properties of Coulomb systems. Physical Review B, 2013, 87, .	3.2	16
20	Quantum Anomaly, Universal Relations, and Breathing Mode of a Two-Dimensional Fermi Gas. Physical Review Letters, 2012, 108, 185303.	7.8	86
21	Current response, structure factor and hydrodynamic quantities of a two- and three-dimensional Fermi gas from the operator-product expansion. Physical Review A, 2011, 84, .	2.5	48