

# Johannes Hofmann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2714219/publications.pdf>

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	Surface plasmon polaritons in topological Weyl semimetals. <i>Physical Review B</i> , 2016, 93, .	3.2	106
2	Quantum Anomaly, Universal Relations, and Breathing Mode of a Two-Dimensional Fermi Gas. <i>Physical Review Letters</i> , 2012, 108, 185303.	7.8	86
3	Coarsening Dynamics of Binary Bose Condensates. <i>Physical Review Letters</i> , 2014, 113, 095702.	7.8	62
4	Why Does Graphene Behave as a Weakly Interacting System?. <i>Physical Review Letters</i> , 2014, 113, 105502.	7.8	62
5	Many-body effects and ultraviolet renormalization in three-dimensional Dirac materials. <i>Physical Review B</i> , 2015, 92, .	3.2	50
6	Current response, structure factor and hydrodynamic quantities of a two- and three-dimensional Fermi gas from the operator-product expansion. <i>Physical Review A</i> , 2011, 84, .	2.5	48
7	Pairing effects in the nondegenerate limit of the two-dimensional Fermi gas. <i>Physical Review A</i> , 2014, 89, .	2.5	36
8	Efimov correlations in strongly interacting Bose gases. <i>Physical Review A</i> , 2015, 92, .	2.5	25
9	High-temperature expansion of the viscosity in interacting quantum gases. <i>Physical Review A</i> , 2020, 101, .	2.5	25
10	Non-Markovian Quantum Friction of Bright Solitons in Superfluids. <i>Physical Review Letters</i> , 2016, 116, 225301.	7.8	20
11	Short-distance properties of Coulomb systems. <i>Physical Review B</i> , 2013, 87, .	3.2	16
12	Deep Inelastic Scattering on Ultracold Gases. <i>Physical Review X</i> , 2017, 7, .	8.9	16
13	Parity effect in a mesoscopic Fermi gas. <i>Physical Review A</i> , 2016, 93, .	2.5	9
14	Hydrodynamics of a superfluid smectic. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 033104.	2.3	7
15	Universal relations for dipolar quantum gases. <i>Physical Review Research</i> , 2021, 3, .	3.6	6
16	Mesoscopic pairing without superconductivity. <i>Physical Review B</i> , 2017, 96, .	3.2	5
17	Quantum oscillations in Dirac magnetoplasmons. <i>Physical Review B</i> , 2019, 100, .	3.2	4
18	Electromagnetic response of composite Dirac fermions in the half-filled Landau level. <i>Physical Review B</i> , 2021, 104, .	3.2	3

#	ARTICLE	IF	CITATIONS
19	Probing embedded topological modes in bulk-like GeTe-Sb <sub>2</sub> Te <sub>3</sub> heterostructures. Scientific Reports, 2020, 10, 21806.	3.3	2
20	Nonrelativistic Conformal Invariance in Mesoscopic Two-Dimensional Fermi Gases. Physical Review Letters, 2022, 128, .	7.8	2
21	Corrections to reaction-diffusion dynamics above the upper critical dimension. Physical Review E, 2022, 105, 024127.	2.1	0