

Peter Scherpelz

List of Publications by Year in descending order

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Version: 2024-02-01

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1478505

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all docs

15
docs citations

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times ranked

540
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulations of argon plasma decay in a thermionic converter. <i>Physical Review E</i> , 2021, 103, 023207.	2.1	3
2	Direct Lattice Shaking of Bose Condensates: Finite Momentum Superfluids. <i>Physical Review Letters</i> , 2017, 118, 220401.	7.8	6
3	Optimizing surface defects for atomic-scale electronics: Si dangling bonds. <i>Physical Review Materials</i> , 2017, 1, .	2.4	13
4	Implementation and Validation of Fully Relativistic $\langle i \rangle GW \langle /i \rangle$ Calculations: Spin-Orbit Coupling in Molecules, Nanocrystals, and Solids. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 3523-3544.	5.3	156
5	Generic equilibration dynamics of planar defects in trapped atomic superfluids. <i>Physical Review A</i> , 2015, 91, .	2.5	3
6	Exact correlation functions in the cuprate pseudogap phase: Combined effects of charge order and pairing. <i>Physical Review B</i> , 2014, 90, .	3.2	6
7	Phase Imprinting in Equilibrating Fermi Gases: The Transience of Vortex Rings and Other Defects. <i>Physical Review Letters</i> , 2014, 113, 125301.	7.8	25
8	Unified treatment of Fermi pockets and arcs scenarios for the cuprates: Sum-rule-consistent response functions of the pseudogap. <i>Physical Review B</i> , 2014, 90, .	3.2	3
9	Theory of fluctuating charge ordering in the pseudogap phase of cuprates via a preformed pair approach. <i>Physical Review B</i> , 2013, 88, .	3.2	6
10	Pseudogap effects of Fermi gases in the presence of a strong effective magnetic field. <i>Physical Review A</i> , 2013, 87, .	2.5	3
11	Quantum oscillations in non-Fermi liquids: Implications for high-temperature superconductors. <i>Physical Review B</i> , 2013, 88, .	3.2	0
12	General pairing theory for condensed and noncondensed Cooper pairs of a superconductor in a high magnetic field. <i>Physical Review B</i> , 2013, 87, .	3.2	4
13	Entanglement-secured single-qubit quantum secret sharing. <i>Physical Review A</i> , 2011, 84, .	2.5	7
14	Approximation Algorithms for Traffic Grooming in WDM Rings. , 2009, , .		8