

Thilo Kopp

List of Publications by Year in descending order

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274
citing authors

#	ARTICLE	IF	CITATIONS
1	Bad metal and negative compressibility transitions in a two-band Hubbard model. Physical Review B, 2022, 105, .	3.2	3
2	Optical conductivity and resistivity in a four-band model for ZrTe_5 from <i>ab initio</i> calculations. Physical Review B, 2020, 102, .	3.2	3
3	Weak antilocalization within a genuine multiband model. Physical Review B, 2019, 100, .	3.2	5
4	Antilocalization in oxides: Effective spin- $\frac{3}{2}$ model. Physical Review B, 2019, 100, .	3.2	4
5	Nonunique connection between bulk topological invariants and surface physics. Physical Review B, 2019, 100, .	3.2	0
6	Antilocalization at an oxide interface. Physical Review B, 2018, 97, .	3.2	14
7	Supercurrent as a probe for topological superconductivity in magnetic adatom chains. Physical Review B, 2018, 97, .	3.2	9
8	Emergent Momentum-Space Skyrmion Texture on the Surface of Topological Insulators. Scientific Reports, 2017, 7, 45664.	3.3	6
9	Capacitance and compressibility of heterostructures with strong electronic correlations. Physical Review B, 2017, 95, .	3.2	15
10	In-gap states in superconducting LaAlO_3 observed by tunneling spectroscopy. Physical Review B, 2017, 96, .	3.2	17
11	Momentum-space spin texture in a topological superconductor. Physical Review B, 2017, 96, .	3.2	9
12	Charge instabilities of the two-dimensional Hubbard model with attractive nearest neighbour interaction. Journal of Physics: Conference Series, 2016, 702, 012003.	0.4	4
13	Route to Topological Superconductivity via Magnetic Field Rotation. Scientific Reports, 2015, 5, 15302.	3.3	32
14	Spin-orbit controlled quantum capacitance of a polar heterostructure. Physical Review B, 2015, 91, .	3.2	6
15	Formation of magnetic moments and resistance upturn at grain boundaries of two-dimensional electron systems. Physical Review B, 2014, 90, .	3.2	1
16	Superconductivity with Rashba spin-orbit coupling and magnetic field. Journal of Physics Condensed Matter, 2013, 25, 362201.	1.8	34
17	Exact results in a slave boson saddle point approach for a strongly correlated electron model. Physical Review B, 2008, 78, .	3.2	6
18	Slave bosons in radial gauge: A bridge between path integral and Hamiltonian language. Nuclear Physics B, 2007, 785, 286-306.	2.5	23

#	ARTICLE	IF	CITATIONS
19	Charge ordering in half-doped $\text{Pr}(\text{Nd})_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ under a magnetic field. <i>Physical Review B</i> , 2002, 65, .	3.2	5
20	Random-Matrix Theory: Distribution of Mesoscopic Supercurrents Through a Chaotic Cavity. <i>Journal of Low Temperature Physics</i> , 2002, 126, 1305-1324.	1.4	0
21	Slave bosons in radial gauge: the correct functional integral representation and inclusion of non-local interactions. <i>Nuclear Physics B</i> , 2001, 594, 769-789.	2.5	19
22	Functional integrals for Hubbard operators and projection methods for strong interaction. <i>Nuclear Physics B</i> , 1995, 443, 516-552.	2.5	6
23	Signatures of Topological Phase Transitions in the d -Wave Superconductor at Finite Temperature. <i>Physica Status Solidi (B): Basic Research</i> , 0, , 2100156.	1.5	0
24	Magnetotransport of Functional Oxide Heterostructures Affected by Spin-Orbit Coupling: a Tale of Two-Dimensional Systems. <i>Physica Status Solidi (B): Basic Research</i> , 0, , 2100154.	1.5	0