

Elio J König

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

555
citations

623734

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642732

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g-index

30
all docs

30
docs citations

30
times ranked

780
citing authors

#	ARTICLE	IF	CITATIONS
1	Triplet resonating valence bond theory and transition metal chalcogenides. Physical Review B, 2022, 105, .	3.2	4
2	Interaction-induced velocity renormalization in magic-angle twisted multilayer graphene. 2D Materials, 2022, 9, 031001.	4.4	2
3	Berry curvature-induced local spin polarisation in gated graphene/WTe2 heterostructures. Nature Communications, 2022, 13, .	12.8	3
4	Visualizing the multifractal wave functions of a disordered two-dimensional electron gas. Physical Review Research, 2021, 3, .	3.6	7
5	Emergent moments in a Hund's impurity. Physical Review B, 2021, 103, .	3.2	9
6	Quantum kinetics of anomalous and nonlinear Hall effects in topological semimetals. Annals of Physics, 2021, 435, 168492.	2.8	8
7	Frustrated Kondo impurity triangle: A simple model of deconfinement. Physical Review B, 2021, 104, .	3.2	6
8	Resistance of two-dimensional superconducting films. Physical Review B, 2021, 104, .	3.2	3
9	Triplet Resonating Valence Bond State and Superconductivity in Hund's Metals. Physical Review Letters, 2020, 125, 077001.	7.8	14
10	Magic-angle semimetals. Npj Quantum Materials, 2020, 5, .	5.2	37
11	Soluble limit and criticality of fermions in Z_2 gauge theories. Physical Review B, 2020, 102, .	3.2	8
12	Spin magnetometry as a probe of stripe superconductivity in twisted bilayer graphene. Physical Review B, 2020, 102, .	3.2	24
13	Magic-angle semimetals with chiral symmetry. Physical Review B, 2020, 101, .	3.2	15
14	Tunneling Spectroscopy of Quantum Spin Liquids. Physical Review Letters, 2020, 125, 267206.	7.8	27
15	Strongly interacting spin-orbit coupled Bose-Einstein condensates in one dimension. Physical Review Research, 2020, 2, .	3.6	6
16	Engineering Topological Superlattices and Phase Diagrams. Nano Letters, 2019, 19, 716-721.	9.1	5
17	Crystalline-Symmetry-Protected Helical Majorana Modes in the Iron Pnictides. Physical Review Letters, 2019, 122, 207001.	7.8	35
18	Coulomb problem in iron-based superconductors. Physical Review B, 2019, 99, .	3.2	3

#	ARTICLE	IF	CITATIONS
19	Gyrotropic Hall effect in Berry-curved materials. Physical Review B, 2019, 99, .	3.2	48
20	Renormalization group analysis for the quasi-one-dimensional superconductor BaFe_2S_3 . Physical Review B, 2018, 98, .	3.2	6
21	Quantum Field Theory of Nematic Transitions in Spin-Orbit-Coupled Spin-1 Polar Bosons. Physical Review Letters, 2018, 121, 083402.	7.8	12
22	Kerr Effect from Diffractive Skew Scattering in Chiral Superconductors. Physical Review Letters, 2017, 118, 027001.	7.8	22
23	Photogalvanic effect in Weyl semimetals. Physical Review B, 2017, 96, .	3.2	70
24	Anomalous Hall effect on the surface of topological Kondo insulators. Physical Review B, 2016, 94, .	3.2	11
25	Universal fidelity near quantum and topological phase transitions in finite one-dimensional systems. Physical Review B, 2016, 93, .	3.2	16
26	Berezinskii-Kosterlitz-Thouless transition in homogeneously disordered superconducting films. Physical Review B, 2015, 92, .	3.2	24
27	Half-integer quantum Hall effect of disordered Dirac fermions at a topological insulator surface. Physical Review B, 2014, 90, .	3.2	36
28	Density of States in a Two-Dimensional Chiral Metal with Vacancies. Physical Review Letters, 2014, 113, 186803.	7.8	26
29	Interaction and disorder effects in three-dimensional topological insulator thin films. Physical Review B, 2013, 88, .	3.2	22
30	Metal-insulator transition in two-dimensional random fermion systems of chiral symmetry classes. Physical Review B, 2012, 85, .	3.2	46