

Aksel KobiaÅ,ka

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

177
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	First-principles study of the origin of the charge density wave in V_3Sb_5 . Physical Review B, 2022, 105, .	3.2	11
2	Dynamical properties of the magnetic topological insulator Bi_2Te_3 : Phonons dispersion, Raman active modes, and chiral phonons study. Physical Review B, 2022, 105, .	3.2	4
3	Majorana bound states in a superconducting Rashba nanowire in the presence of antiferromagnetic order. Physical Review B, 2021, 103, .	3.2	17
4	Unconventional topological transitions in a self-organized magnetic ladder. Physical Review B, 2021, 103, .	3.2	5
5	Chiral phonons in the honeycomb sublattice of layered CoSn-like compounds. Physical Review B, 2021, 104, .	3.2	9
6	Probing the chirality of one-dimensional Majorana edge states around a two-dimensional nanoflake in a superconductor. Physical Review B, 2020, 102, .	3.2	7
7	Dimerization-induced topological superconductivity in a Rashba nanowire. Physical Review B, 2020, 101, .	3.3	11
8	First-principles study of the nontrivial topological phase in chains of 3d transition metals. Physical Review B, 2020, 101, .	1.8	11
9	Delocalisation of Majorana quasiparticles in plaquette nanowire hybrid system. Scientific Reports, 2019, 9, 12933.	2.8	2
10	Electrostatic formation of the Majorana quasiparticles in the quantum dot-nanoring structure. Journal of Physics Condensed Matter, 2019, 31, 185302.	3.2	76
11	Interplay between pairing and correlations in spin-polarized bound states. Beilstein Journal of Nanotechnology, 2018, 9, 1370-1380.		
12	Controlling the bound states in a quantum-dot hybrid nanowire. Physical Review B, 2017, 96, .		