

# Aksel KobiaÅ,ka

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8560981/publications.pdf>

Version: 2024-02-01

12  
papers

177  
citations

1307594

7  
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1199594

12  
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12  
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12  
docs citations

12  
times ranked

155  
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling the bound states in a quantum-dot hybrid nanowire. Physical Review B, 2017, 96, .	3.2	76
2	Chiral phonons in the honeycomb sublattice of layered CoSn-like compounds. Physical Review B, 2021, 104, .	3.2	17
3	First-principles study of the origin of the charge density wave in $\text{V}_3\text{Sb}_5$ ( $\text{V}_3\text{Sb}_5$ ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 657 Td	3.2	17
4	Delocalisation of Majorana quasiparticles in plaquette nanowire hybrid system. Scientific Reports, 2019, 9, 12933.	3.3	11
5	Electrostatic formation of the Majorana quasiparticles in the quantum dot-nanoring structure. Journal of Physics Condensed Matter, 2019, 31, 185302.	1.8	11
6	Majorana bound states in a superconducting Rashba nanowire in the presence of antiferromagnetic order. Physical Review B, 2021, 103, .	3.2	11
7	Dimerization-induced topological superconductivity in a Rashba nanowire. Physical Review B, 2020, 101, .	3.2	9
8	First-principles study of the nontrivial topological phase in chains of 3d transition metals. Physical Review B, 2020, 101, .	3.2	7
9	Dynamical properties of the magnetic topological insulator $\text{Bi}_2\text{Te}_3$ : Phonons dispersion, Raman active modes, and chiral phonons study. Physical Review B, 2022, 105, .	3.2	7
10	Probing the chirality of one-dimensional Majorana edge states around a two-dimensional nanoflake in a superconductor. Physical Review B, 2020, 102, .	3.2	5
11	Unconventional topological transitions in a self-organized magnetic ladder. Physical Review B, 2021, 103, .	3.2	4
12	Interplay between pairing and correlations in spin-polarized bound states. Beilstein Journal of Nanotechnology, 2018, 9, 1370-1380.	2.8	2