

Lun-Hui Hu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

507
citations

7
h-index

19
g-index

19
ext. papers

696
ext. citations

5.3
avg. IF

3.94
L-index

#	Paper	IF	Citations
16	Topological excitonic corner states and nodal phase in bilayer quantum spin Hall insulators. <i>Physical Review B</i> , 2021 , 103,	3.3	4
15	Strong Correlation Between Superconductivity and Ferromagnetism in an Fe-Chalcogenide Superconductor. <i>Nano Letters</i> , 2021 , 21, 7277-7283	11.5	6
14	Phonon Helicity Induced by Electronic Berry Curvature in Dirac Materials. <i>Physical Review Letters</i> , 2021 , 127, 125901	7.4	0
13	Pairing symmetry and topological surface state in iron-chalcogenide superconductors. <i>Physical Review Research</i> , 2020 , 2,	3.9	6
12	Interacting topological mirror excitonic insulator in one dimension. <i>Physical Review B</i> , 2020 , 102,	3.3	4
11	Hexagonal warping effect on Majorana zero modes at the ends of superconducting vortex lines in doped strong 3D topological insulators. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019 , 62, 1	3.6	0
10	Anomalous Quantum Oscillations of Interacting Electron-Hole Gases in Inverted Type-II InAs/GaSb Quantum Wells. <i>Physical Review Letters</i> , 2019 , 122, 186802	7.4	9
9	Two-band model for magnetism and superconductivity in nickelates. <i>Physical Review Research</i> , 2019 , 1,	3.9	56
8	Topological Larkin-Ovchinnikov phase and Majorana zero mode chain in bilayer superconducting topological insulator films. <i>Communications Physics</i> , 2019 , 2,	5.4	2
7	Selective equal spin Andreev reflection at vortex core center in magnetic semiconductor-superconductor heterostructure. <i>Scientific Reports</i> , 2018 , 8, 7853	4.9	4
6	Topological charge-density and spin-density waves in InAs/GaSb quantum wells under an in-plane magnetic field. <i>Physical Review B</i> , 2017 , 96,	3.3	2
5	Effect of in-plane magnetic field and applied strain in quantum spin Hall systems: Application to InAs/GaSb quantum wells. <i>Physical Review B</i> , 2016 , 94,	3.3	16
4	Majorana Zero Mode Detected with Spin Selective Andreev Reflection in the Vortex of a Topological Superconductor. <i>Physical Review Letters</i> , 2016 , 116, 257003	7.4	343
3	Theory of spin-selective Andreev reflection in the vortex core of a topological superconductor. <i>Physical Review B</i> , 2016 , 94,	3.3	34
2	Electric control of inverted gap and hybridization gap in type-II InAs/GaSb quantum wells. <i>Physical Review B</i> , 2016 , 94,	3.3	10
1	Cooper pairing in the insulating valence band in iron-based superconductors. <i>Physical Review B</i> , 2015 , 91,	3.3	7