

Chen-Hsuan Hsu

List of Publications by Year in descending order

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papers

611
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759233

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839539

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20
all docs

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docs citations

20
times ranked

703
citing authors

#	ARTICLE	IF	CITATIONS
1	Majorana Kramers Pairs in Higher-Order Topological Insulators. <i>Physical Review Letters</i> , 2018, 121, 196801.	7.8	162
2	Majorana zero modes in a quantum Ising chain with longer-ranged interactions. <i>Physical Review B</i> , 2012, 85, .	3.2	153
3	Nuclear-spin-induced localization of edge states in two-dimensional topological insulators. <i>Physical Review B</i> , 2017, 96, .	3.2	61
4	Effects of nuclear spins on the transport properties of the edge of two-dimensional topological insulators. <i>Physical Review B</i> , 2018, 97, .	3.2	49
5	Antiferromagnetic nuclear spin helix and topological superconductivity in C13 nanotubes. <i>Physical Review B</i> , 2015, 92, .	3.2	33
6	Long-distance entanglement of spin qubits via quantum Hall edge states. <i>Physical Review B</i> , 2016, 93, .	3.2	22
7	Helical liquids in semiconductors. <i>Semiconductor Science and Technology</i> , 2021, 36, 123003.	2.0	19
8	Topological density wave states of nonzero angular momentum. <i>Physical Review B</i> , 2011, 84, .	3.2	16
9	Strong electron-electron interactions of a Tomonaga-Luttinger liquid observed in InAs quantum wires. <i>Physical Review B</i> , 2019, 99, .	3.2	16
10	Orbital effects of a strong in-plane magnetic field on a gate-defined quantum dot. <i>Physical Review B</i> , 2019, 99, .	3.2	15
11	Charge-2e skyrmion condensate in a hidden-order state. <i>Physical Review B</i> , 2013, 87, .	3.2	13
12	Superconductivity from fractionalized excitations in URu_2Si_2 . <i>Physical Review B</i> , 2014, 90, .	3.2	13
13	g -factor of electrons in gate-defined quantum dots in a strong in-plane magnetic field. <i>Physical Review B</i> , 2018, 98, .	3.2	13
14	Anisotropic superconducting properties of the aligned $Sm_{0.95}La_{0.05}FeAsO_{0.85}F_{0.15}$ microcrystalline powder. <i>Europhysics Letters</i> , 2008, 84, 67014.	2.0	9
15	Charge transport of a spin-orbit-coupled Luttinger liquid. <i>Physical Review B</i> , 2019, 100, .	3.2	7
16	Skyrmions in a density wave state: A mechanism for chiral superconductivity. <i>Modern Physics Letters B</i> , 2015, 29, 1540053.	1.9	5
17	Universal conductance dips and fractional excitations in a two-subband quantum wire. <i>Physical Review Research</i> , 2020, 2, .	3.6	4
18	Spin dynamics of possible density wave states in the pseudogap phase of high-temperature superconductors. <i>Physical Review B</i> , 2012, 86, .	3.2	1

#	ARTICLE	IF	CITATIONS
19	Anisotropic magnetic and superconducting properties of aligned weak-ferromagnetic superconductor RuSr ₂ GdCu ₂ O ₈ . Journal of Physics: Conference Series, 2009, 150, 052131.	0.4	0
20	Anisotropic microcrystalline powder alignment of the weak-ferromagnetic superconductor system RuSr ₂ RCu ₂ O ₈ (R = Pr, Nd, Sm, Eu, Gd, Gd _{0.5} Dy _{0.5}). Journal of Physics: Conference Series, 2009, 150, 052033.	0.4	0