

Ion C Fulga

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8257892/publications.pdf>

Version: 2024-02-01

30
papers

1,402
citations

393982

19
h-index

454577

30
g-index

30
all docs

30
docs citations

30
times ranked

1615
citing authors

#	ARTICLE	IF	CITATIONS
1	Chirality flip of Weyl nodes and its manifestation in strained MoTe_2 . Physical Review Research, 2021, 3, .		
2	Localization Counteracts Decoherence in Noisy Floquet Topological Chains. Physical Review Letters, 2018, 120, 216801.	2.9	17
3	Observation of Electron Coherence and Fabry-Pérot Standing Waves at a Graphene Edge. Nano Letters, 2017, 17, 7380-7386.	4.5	26
4	Exact diagonalization of cubic lattice models in commensurate Abelian magnetic fluxes and translational invariant non-Abelian potentials. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 455301.	0.7	4
5	Hot Electrons Regain Coherence in Semiconducting Nanowires. Physical Review X, 2017, 7, .	2.8	8
6	Triple point fermions in a minimal symmorphic model. Physical Review B, 2017, 95, .	1.1	48
7	Coupled-layer description of topological crystalline insulators. Physical Review B, 2016, 94, .	1.1	29
8	P - T Weyl semimetals in gauge-symmetric systems. Physical Review B, 2016, 94, .		
9	Double Weyl points and Fermi arcs of topological semimetals in non-Abelian gauge potentials. Physical Review A, 2016, 94, .	1.0	32
10	Aperiodic Weak Topological Superconductors. Physical Review Letters, 2016, 116, 257002.	2.9	61
11	Scattering matrix invariants of Floquet topological insulators. Physical Review B, 2016, 93, .	1.1	53
12	Spatially resolved edge currents and guided-wave electronic states in graphene. Nature Physics, 2016, 12, 128-133.	6.5	105
13	Gapless topological superconductors: Model Hamiltonian and realization. Physical Review B, 2015, 92, .	1.1	13
14	Statistical translation invariance protects a topological insulator from interactions. Physical Review B, 2015, 92, .	1.1	47
15	Extended topological group structure due to average reflection symmetry. New Journal of Physics, 2015, 17, 043014.	1.2	27
16	Coexisting Edge States and Gapless Bulk in Topological States of Matter. Physical Review Letters, 2015, 114, 136801.	2.9	34
17	Bimodal conductance distribution of Kitaev edge modes in topological superconductors. New Journal of Physics, 2014, 16, 063049.	1.2	27
18	Quantum phase transitions of a disordered antiferromagnetic topological insulator. Physical Review B, 2014, 89, .	1.1	38

#	ARTICLE	IF	CITATIONS
19	Statistical topological insulators. <i>Physical Review B</i> , 2014, 89, .	1.1	71
20	Phase-locked magnetoconductance oscillations as a probe of Majorana edge states. <i>Physical Review B</i> , 2013, 87, .	1.1	13
21	Effects of disorder on Coulomb-assisted braiding of Majorana zero modes. <i>Physical Review B</i> , 2013, 88, .	1.1	19
22	Flux-controlled quantum computation with Majorana fermions. <i>Physical Review B</i> , 2013, 88, .	1.1	253
23	Topological phase transitions driven by non-Abelian gauge potentials in optical square lattices. <i>Physical Review A</i> , 2013, 88, .	1.0	18
24	Adaptive tuning of Majorana fermions in a quantum dot chain. <i>New Journal of Physics</i> , 2013, 15, 045020.	1.2	75
25	Scattering theory of topological insulators and superconductors. <i>Physical Review B</i> , 2012, 85, .	1.1	137
26	Thermal metal-insulator transition in a helical topological superconductor. <i>Physical Review B</i> , 2012, 86, .	1.1	23
27	Topological quantum number and critical exponent from conductance fluctuations at the quantum Hall plateau transition. <i>Physical Review B</i> , 2011, 84, .	1.1	34
28	Scattering formula for the topological quantum number of a disordered multimode wire. <i>Physical Review B</i> , 2011, 83, .	1.1	157
29	Nonzero temperature effects on antibunched photons emitted by a quantum point contact out of equilibrium. <i>Physical Review B</i> , 2010, 81, .	1.1	10
30	Background analysis of field-induced electron emission from nanometer-scale heterostructured emitters. <i>Journal of Vacuum Science & Technology B</i> , 2009, 27, 711-718.	1.3	1