

Sourin Das

List of Publications by Year in descending order

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31
all docs

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docs citations

31
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin-polarized voltage probes for helical edge state: A model study. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 139, 115125.	2.7	2
2	Temporal correlation beyond quantum bounds in non-Hermitian PT- symmetric dynamics of a two level system. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 115301.	2.1	4
3	Thermal signature of the Majorana fermion in a Josephson junction. Physical Review B, 2021, 103, .	3.2	7
4	Enhancement in tunneling density of states in a Luttinger liquid: Role of nonlocal interaction. Physical Review B, 2021, 104, .	3.2	2
5	Simulating many-body non-Hermitian PT -symmetric spin dynamics. Physical Review B, 2021, 104, .	3.2	7
6	Temperature-dependent equilibration of spin orthogonal quantum Hall edge modes. Physical Review B, 2021, 104, .	3.2	2
7	Tunneling density of states in a Y junction of Tomonaga-Luttinger liquid wires: A density matrix renormalization group study. Physical Review B, 2020, 102, .	3.2	2
8	Spin Berry phase in a helical edge state: nonconservation and transport signatures. Physical Review B, 2020, 102, .	3.2	6
9	Magnetic-Field-Dependent Equilibration of Fractional Quantum Hall Edge Modes. Physical Review Letters, 2020, 125, 076802.	7.8	8
10	Enhancement of superluminal weak values under Lorentz boost. Modern Physics Letters A, 2020, 35, 2050279.	1.2	0
11	Spin-selective scattering modes in a disordered anisotropic optical medium. Physical Review A, 2020, 102, .	2.5	1
12	Dissipation and quantum noise in chiral circuitry. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 121, 114117.	2.7	0
13	Jackiw-Rebbi zero modes in non-uniform topological insulator nanowire. Physical Review B, 2019, 100, .	3.2	4
14	Multielectron geometric phase in intensity interferometry. Physical Review B, 2018, 98, .	3.2	4
15	Spin-selective coupling to Majorana zero modes in mixed singlet and triplet superconducting nanowires. Physical Review B, 2018, 97, .	3.2	2
16	Geometric phase in n -junctions of helical edge states. Physical Review B, 2016, 93, .	3.2	1
17	Transport signatures of surface potentials on three-dimensional topological insulators. Physical Review B, 2016, 93, .	3.2	5
18	Fingerprints of Majorana Bound States in Aharonov-Bohm Geometry. Physical Review Letters, 2016, 116, 166401.	7.8	28

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19	Quantum Hall realization of polarized intensity interferometry. Physical Review B, 2016, 93, .	3.2	1
20	Tunnel magnetoresistance scan of a pristine three-dimensional topological insulator. Physical Review B, 2015, 91, .	3.2	8
21	Magnetic-field-induced Fabry-Pérot resonances in helical edge states. Physical Review B, 2012, 86, .	3.2	29
22	Spin-Polarized Scanning-Tunneling Probe for Helical Luttinger Liquids. Physical Review Letters, 2011, 106, 236403.	7.8	40
23	Spin-polarized STM spectra of Dirac electrons on the surface of a topological insulator. Physical Review B, 2011, 84, .	3.2	13
24	Power dissipation for systems with junctions of multiple quantum wires. Physical Review B, 2010, 81, .	3.2	11
25	Enhancement of Tunneling Density of States at a Junction of Three Luttinger Liquid Wires. Physical Review Letters, 2009, 103, 026401.	7.8	34
26	Systematic stability analysis of the renormalization group flow for the normal-superconductor-normal junction of Luttinger liquid wires. Physical Review B, 2009, 79, .	3.2	7
27	Effect of inter-edge Coulomb interactions on transport through a point contact in a $\hat{\nu}=5/2$ quantum Hall state. Europhysics Letters, 2009, 86, 37010.	2.0	6
28	Duality between normal and superconducting junctions of multiple quantum wires. Physical Review B, 2008, 78, .	3.2	25
29	Renormalization group study of transport through a superconducting junction of multiple one-dimensional quantum wires. Physical Review B, 2008, 77, .	3.2	17
30	Interedge interactions and fixed points at a junction of quantum Hall line junctions. Physical Review B, 2006, 74, .	3.2	35
31	Renormalization group study of the conductances of interacting quantum wire systems with different geometries. Physical Review B, 2004, 70, .	3.2	35