

# Arijit Saha

## 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.

35  
papers

331  
citations

12  
h-index

15  
g-index

41  
ext. papers

505  
ext. citations

3.2  
avg, IF

4.04  
L-index

#	Paper	IF	Citations
35	Signatures of interfacial topological chiral modes via RKKY exchange interaction in Dirac and Weyl systems. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	1
34	Floquet generation of a second-order topological superconductor. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	5
33	Floquet second order topological superconductor based on unconventional pairing. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	2
32	Higher order topological insulator via periodic driving. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	13
31	Tailoring metal-insulator transitions and band topology via off-resonant periodic drive in an interacting triangular lattice. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	2
30	Fingerprints of tilted Dirac cones on the RKKY exchange interaction in 8-Pmmn borophene. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	13
29	Jackiw-Rebbi zero modes in non-uniform topological insulator nanowire. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	1
28	Impact of strong correlations on a band topological insulator on the Lieb lattice. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	2
27	Probing decoupled edge states in a zigzag phosphorene nanoribbon via RKKY exchange interaction. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	15
26	Driven conductance of an irradiated semi-Dirac material. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	12
25	Tunneling conductance in normal-insulator-superconductor junctions of silicene. <i>Superlattices and Microstructures</i> , <b>2018</b> , 123, 436-446	2.8	4
24	Spin-selective coupling to Majorana zero modes in mixed singlet and triplet superconducting nanowires. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	2
23	Transport and noise properties of a normal metal-superconductor-normal metal junction with mixed singlet and chiral triplet pairings. <i>Journal of Physics Condensed Matter</i> , <b>2017</b> , 29, 015301	1.8	6
22	Quantum charge pumping through resonant crossed Andreev reflection in a superconducting hybrid junction of silicene. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	13
21	Enhancement of crossed Andreev reflection in a normal-superconductor-normal junction made of thin topological insulator. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	13
20	Emerging trends in topological insulators and topological superconductors <b>2017</b> , 22, 787-800		3
19	Thermoelectric properties of a ferromagnet-superconductor hybrid junction: Role of interfacial Rashba spin-orbit interaction. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	14

18	Amplification of Cooper pair splitting current in a graphene-based Cooper pair beam splitter geometry. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	4
17	Aharonov-Bohm effect in a helical ring with long-range hopping: Effects of Rashba spin-orbit interaction and disorder. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	6
16	Thermal conductance by Dirac fermions in a normal-insulator-superconductor junction of silicene. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	12
15	Geometric quantum noise of spin. <i>Physical Review Letters</i> , <b>2015</b> , 114, 176806	7.4	11
14	Conductance, valley and spin polarizations, and tunneling magnetoresistance in ferromagnetic-normal-ferromagnetic junctions of silicene. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	38
13	Transport signatures of fractional fermions in Rashba nanowires. <i>Physical Review Letters</i> , <b>2014</b> , 112, 196803	3.3	33
12	Persistent current of relativistic electrons on a Dirac ring in presence of impurities. <i>European Physical Journal B</i> , <b>2014</b> , 87, 1	1.2	4
11	Quantum charge pumping through fractional fermions in charge density modulated quantum wires and Rashba nanowires. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	14
10	ELECTRON-ELECTRON INTERACTION EFFECTS ON TRANSPORT THROUGH MESOSCOPIC SUPERCONDUCTING HYBRID JUNCTIONS. <i>International Journal of Modern Physics B</i> , <b>2013</b> , 27, 1330015	1.1	4
9	A quantum dot close to Stoner instability: The role of the Berry phase. <i>Annals of Physics</i> , <b>2012</b> , 327, 2543-2559	2.5	7
8	Quantum charge pumping through a superconducting double barrier structure in graphene. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	8
7	Resonant tunneling through superconducting double barrier structures in graphene. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	10
6	Systematic stability analysis of the renormalization group flow for the normal-superconductor-normal junction of Luttinger liquid wires. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	7
5	Resonant spin transport through a superconducting double-barrier structure. <i>Europhysics Letters</i> , <b>2009</b> , 88, 57003	1.6	4
4	Spintronics with NSN junction of one-dimensional quantum wires: A study of pure spin current and magnetoresistance. <i>Europhysics Letters</i> , <b>2008</b> , 81, 67001	1.6	17
3	Renormalization group study of transport through a superconducting junction of multiple one-dimensional quantum wires. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	16
2	Quantized charge pumping in a superconducting double-barrier structure: Nontrivial correlations due to proximity effect. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	5
1	Adiabatic charge pumping through a dot at the junction of N quantum wires. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	10

