

Ipsita Mandal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/948264/publications.pdf>

Version: 2024-02-01

56
papers

1,558
citations

361413
20
h-index

315739
38
g-index

60
all docs

60
docs citations

60
times ranked

871
citing authors

#	ARTICLE	IF	CITATIONS
1	Conformal nonlinear fluid dynamics from gravity in arbitrary dimensions. Journal of High Energy Physics, 2008, 2008, 116-116.	4.7	155
2	Majorana zero modes in a quantum Ising chain with longer-ranged interactions. Physical Review B, 2012, 85, .	3.2	153
3	GCA in 2d. Journal of High Energy Physics, 2010, 2010, 1.	4.7	132
4	On representations and correlation functions of Galilean conformal algebras. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 393-397.	4.1	94
5	Logarithmic corrections to $\mathcal{N} = 4$ and $\mathcal{N} = 8$ black hole entropy: a one loop test of quantum gravity. Journal of High Energy Physics, 2011, 2011, 1.	4.7	87
6	Symmetry and Higher-Order Exceptional Points. Physical Review Letters, 2021, 127, 186601.	7.8	85
7	Ultraviolet/infrared mixing in non-Fermi liquids. Physical Review B, 2015, 92, .	3.2	46
8	Black hole hair removal. Journal of High Energy Physics, 2009, 2009, 091-091.	4.7	42
9	Supersymmetry, localization and quantum entropy function. Journal of High Energy Physics, 2010, 2010, 1.	4.7	40
10	Hyperscaling violation at the Ising-nematic quantum critical point in two-dimensional metals. Physical Review B, 2016, 94, .	3.2	38
11	Majorana Kramers pairs in Rashba double nanowires with interactions and disorder. Physical Review B, 2018, 97, .	3.2	36
12	Black Hole Microstate Counting and its Macroscopic Counterpart. Nuclear Physics, Section B, Proceedings Supplements, 2011, 216, 147-168.	0.4	35
13	Supersymmetric extension of Galilean conformal algebras. Physical Review D, 2009, 80, .	4.7	31
14	Black hole microstate counting and its macroscopic counterpart. Classical and Quantum Gravity, 2010, 27, 214003.	4.0	31
15	Interplay of Coulomb interactions and disorder in three-dimensional quadratic band crossings without time-reversal symmetry and with unequal masses for conduction and valence bands. Physical Review B, 2018, 97, .	3.2	31
16	Supersymmetric extension of GCA in 2d. Journal of High Energy Physics, 2010, 2010, 1.	4.7	30
17	Superconducting instability in non-Fermi liquids. Physical Review B, 2016, 94, .	3.2	28
18	Fate of superconductivity in three-dimensional disordered Luttinger semimetals. Annals of Physics, 2018, 392, 179-195.	2.8	26

#	ARTICLE	IF	CITATIONS
37	Floquet scattering of quadratic band-touching semimetals through a time-periodic potential well. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 295502.	1.8	12
38	Emergence of topological Mott insulators in proximity of quadratic band touching points. <i>Condensed Matter Physics</i> , 2019, 22, 13701.	0.7	12
39	Circular dichroism as a probe for topology in three-dimensional semimetals. <i>Physical Review B</i> , 2022, 105, .	3.2	12
40	Critical Fermi surfaces in generic dimensions arising from transverse gauge field interactions. <i>Physical Review Research</i> , 2020, 2, .	3.6	11
41	Search for plasmons in isotropic Luttinger semimetals. <i>Annals of Physics</i> , 2019, 406, 173-185.	2.8	10
42	Robust marginal Fermi liquid in birefringent semimetals. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 418, 127707.	2.1	10
43	Robust quantum transport at particle-hole symmetry. <i>Europhysics Letters</i> , 2021, 135, 17001.	2.0	8
44	Critical scaling of the mutual information in two-dimensional disordered Ising models. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018, 2018, 043301.	2.3	7
45	Sign of viscous magnetoresistance in electron fluids. <i>Physical Review B</i> , 2020, 101, .	3.2	7
46	Counting Majorana bound states using complex momenta. <i>Condensed Matter Physics</i> , 2016, 19, 33703.	0.7	7
47	Correlated insulators in twisted bilayer graphene. <i>Physical Review B</i> , 2021, 103, .	3.2	6
48	Magnus Hall effect in three-dimensional topological semimetals. <i>European Physical Journal Plus</i> , 2022, 137, .	2.6	6
49	Zero sound and plasmon modes for non-Fermi liquids. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2022, 447, 128292.	2.1	6
50	Amplitude mode of the d -density-wave state and its relevance to high- T_c cuprates. <i>Physical Review B</i> , 2013, 87, .	3.2	5
51	Raman response and shear viscosity in the non-Fermi liquid phase of Luttinger semimetals. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 275604.	1.8	5
52	Geometrical mutual information at the tricritical point of the two-dimensional Blume-â€‘Capel model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016, 2016, 073105.	2.3	3
53	Electric field response in breathing pyrochlores. <i>European Physical Journal B</i> , 2019, 92, 1.	1.5	3
54	Symmetry-breaking signatures of multiple Majorana zero modes in one-dimensional spin-triplet superconductors. <i>Physical Review B</i> , 2021, 104, .	3.2	3

#	ARTICLE	IF	CITATIONS
55	Order parameter dynamics of the non-linear sigma model in the large N limit. European Physical Journal B, 2020, 93, 1.	1.5	2
56	Cold Atoms in U(3) Gauge Potentials. Condensed Matter, 2016, 1, 2.	1.8	1