

Biswajit Karmakar

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

112
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

118
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled Coupling of Spin-Resolved Quantum Hall Edge States. <i>Physical Review Letters</i> , 2011, 107, 236804.	7.8	49
2	First-Order Quantum Phase Transition of Excitons in Quantum Hall Bilayers. <i>Physical Review Letters</i> , 2009, 102, 036802.	7.8	19
3	Nanoscale Mach-Zehnder interferometer with spin-resolved quantum Hall edge states. <i>Physical Review B</i> , 2015, 92, .	3.2	14
4	A Fluorescence Correlation Spectrometer for Measurements in Cuvettes. <i>Biophysical Journal</i> , 2018, 115, 455-466.	0.5	9
5	Magnetic-Field-Dependent Equilibration of Fractional Quantum Hall Edge Modes. <i>Physical Review Letters</i> , 2020, 125, 076802.	7.8	8
6	Metamorphosis of a quantum Hall bilayer state into a composite fermion metal. <i>Solid State Communications</i> , 2007, 143, 499-503.	1.9	6
7	QUANTUM PHASE TRANSITION OF A QUANTUM HALL EXCITONIC STATE IN ELECTRON BILAYERS. <i>International Journal of Modern Physics B</i> , 2009, 23, 2607-2615.	2.0	3
8	Temperature-dependent equilibration of spin orthogonal quantum Hall edge modes. <i>Physical Review B</i> , 2021, 104, .	3.2	2
9	Evidence of interlayer correlation in spin excitations of quantum Hall bilayers with negligible tunneling. <i>Physical Review B</i> , 2009, 80, .	3.2	1
10	Quantum Hall realization of polarized intensity interferometry. <i>Physical Review B</i> , 2016, 93, .	3.2	1