

Susmita Basak

List of Publications by Year in descending order

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13
papers

311
citations

1307594

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1125743

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docs citations

13
times ranked

815
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of quantum-tunnelling-modulated spin texture in ultrathin topological insulator Bi ₂ Se ₃ films. <i>Nature Communications</i> , 2014, 5, 3841.	12.8	112
2	Spin texture on the warped Dirac-cone surface states in topological insulators. <i>Physical Review B</i> , 2011, 84, .	3.2	64
3	Origin of the high-energy kink in the photoemission spectrum of the high-temperature superconductor Bi ₂ Sr ₂ CaCu ₂ O ₈ . <i>Physical Review B</i> , 2009, 80, .	3.2	42
4	Unconventional transformation of spin Dirac phase across a topological quantum phase transition. <i>Nature Communications</i> , 2015, 6, 6870.	12.8	34
5	Cardiotoxicity and myocardial hypoperfusion associated with anti-vascular endothelial growth factor therapies: prospective cardiac magnetic resonance imaging in patients with cancer. <i>European Journal of Heart Failure</i> , 2020, 22, 1276-1277.	7.1	12
6	Intermediate coupling model of cuprates: Adding fluctuations to a weak coupling model of pseudogap and superconductivity competition. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2010, 181, 23-27.	1.7	9
7	Lindhard and RPA susceptibility computations in extended momentum space in electron-doped cuprates. <i>Physical Review B</i> , 2012, 85, .	3.2	9
8	Simultaneous evaluation of perfusion and morphology using GRASP MRI in hepatic fibrosis. <i>European Radiology</i> , 2022, 32, 34-45.	4.5	8
9	Analytical validation of single-kidney glomerular filtration rate and split renal function as measured with magnetic resonance renography. <i>Magnetic Resonance Imaging</i> , 2019, 59, 53-60.	1.8	7
10	Coexisting pseudogap, charge-transfer-gap, and Mott-gap energy scales in the resonant inelastic x-ray scattering spectra of electron-doped cuprate superconductors. <i>Physical Review B</i> , 2012, 85, .	3.2	6
11	Interplay of matrix element, self-energy and geometric effects in various spectroscopies of the cuprates. <i>Journal of Physics and Chemistry of Solids</i> , 2011, 72, 341-346.	4.0	4
12	Modeling Highly Resolved Spectroscopies of Complex Materials. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012, 25, 2135-2139.	1.8	2
13	Hepatectomy risk assessment with functional magnetic resonance imaging (HEPARIM). <i>BMC Cancer</i> , 2021, 21, 1139.	2.6	2