

Utpal Chatterjee

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,453
citations

516710

16
h-index

610901

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g-index

26
all docs

26
docs citations

26
times ranked

1412
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of the pseudogap from Fermi arcs to the nodal liquid. Nature Physics, 2006, 2, 447-451.	16.7	393
2	Protected Nodes and the Collapse of Fermi Arcs in High-T _c Cuprate Superconductors. Physical Review Letters, 2007, 99, 157001.	7.8	137
3	Modeling the Fermi arc in underdoped cuprates. Physical Review B, 2007, 76, .	3.2	130
4	Emergence of coherence in the charge-density wave state of 2H-NbSe ₂ . Nature Communications, 2015, 6, 6313.	12.8	123
5	Evidence for Pairing above the Transition Temperature of Cuprate Superconductors from the Electronic Dispersion in the Pseudogap Phase. Physical Review Letters, 2008, 101, 137002.	7.8	118
6	Momentum anisotropy of the scattering rate in cuprate superconductors. Physical Review B, 2005, 71, .	3.2	84
7	Nondispersive Fermi Arcs and the Absence of Charge Ordering in the Pseudogap Phase of Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Physical Review Letters, 2006, 96, 107006.	7.8	75
8	Observation of a d-wave nodal liquid in highly underdoped Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Nature Physics, 2010, 6, 99-103.	16.7	71
9	Electronic phase diagram of high-temperature copper oxide superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9346-9349.	7.1	64
10	Effect of the pseudogap on the transition temperature in the cuprates and implications for its origin. Nature Physics, 2014, 10, 357-360.	16.7	52
11	Short-range charge density wave order in H ₂ Ta ₂ S ₅ . Physical Review B, 2019, 99, .	3.2	33
12	Evidence for pseudo-Jahn-Teller distortions in the charge density wave phase of Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Physical Review B, 2020, 101, .	3.2	25
13	Pairing in a dry Fermi sea. Nature Communications, 2016, 7, 11875.	12.8	24
14	Magnetic structure of NiS ₂ . Physical Review B, 2016, 93, .	3.2	19
15	Orbital selectivity causing anisotropy and particle-hole asymmetry in the charge density wave gap of H ₂ Ta ₂ S ₅ . Physical Review B, 2017, 96, .	3.2	18
16	Spectroscopic signature of moment-dependent electron-phonon coupling in 2H-TaS ₂ . Journal of Materials Chemistry C, 2017, 5, 11310-11316.	5.5	17
17	Dynamic spin-response function of the high-temperature Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ superconductor from angle-resolved photoemission spectra. Physical Review B, 2007, 75, .	3.2	15
18	Anomalous dispersion in the autocorrelation of angle-resolved photoemission spectra of high-temperature Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Physical Review B, 2019, 99, .	3.2	14

