

Suchitra E Sebastian

List of Publications by Year in descending order

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15
papers

1,059
citations

840776

11
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996975

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15
all docs

15
docs citations

15
times ranked

1039
citing authors

#	ARTICLE	IF	CITATIONS
1	f-electron hybridised Fermi surface in magnetic field-induced metallic YbB12. Npj Quantum Materials, 2022, 7, .	5.2	8
2	Unconventional quantum vortex matter state hosts quantum oscillations in the underdoped high-temperature cuprate superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	10
3	Intrinsic Bulk Quantum Oscillations in a Bulk Unconventional Insulator SmB6. IScience, 2020, 23, 101632.	4.1	13
4	Hard antinodal gap revealed by quantum oscillations in the pseudogap regime of underdoped high-Tc superconductors. Nature Physics, 2020, 16, 841-847.	16.7	7
5	Fermi surfaces in Kondo insulators. Journal of Physics Condensed Matter, 2018, 30, 16LT01.	1.8	35
6	Fermi surface in the absence of a Fermi liquid in the Kondo insulator SmB6. Nature Physics, 2018, 14, 166-172.	16.7	81
7	Magnetotransport signatures of a single nodal electron pocket constructed from Fermi arcs. Physical Review B, 2015, 92, .	3.2	7
8	Unconventional Fermi surface in an insulating state. Science, 2015, 349, 287-290.	12.6	229
9	Normal-state nodal electronic structure in underdoped high-Tc copper oxides. Nature, 2014, 511, 61-64.	27.8	85
10	Fermi surface reconstruction from bilayer charge ordering in the underdoped high temperature superconductor YBa2Cu3O6+x. New Journal of Physics, 2012, 14, 095023.	2.9	30
11	Towards resolution of the Fermi surface in underdoped high-Tc superconductors. Reports on Progress in Physics, 2012, 75, 102501.	20.1	145
12	Quantum Oscillations from Nodal Bilayer Magnetic Breakdown in the Underdoped High Temperature Superconductor $YBa_2Cu_3O_{6+x}$. Physical Review Letters, 2012, 108, 196403.	7.1	71
13	Protected Nodal Electron Pocket from Multiple- Q Ordering in Underdoped High Temperature Superconductors. Physical Review Letters, 2011, 106, 226402.	7.8	82
14	Fermi-liquid behavior in an underdoped high-Tc superconductor. Physical Review B, 2010, 81, .	3.2	37
15	A multi-component Fermi surface in the vortex state of an underdoped high-Tc superconductor. Nature, 2008, 454, 200-203.	27.8	219