

# Suchitra E Sebastian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3059331/publications.pdf>

Version: 2024-02-01

15  
papers

1,059  
citations

840776

11  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1039  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Unconventional Fermi surface in an insulating state. Science, 2015, 349, 287-290.   | 12.6 | 229       |
| 2  | A multi-component Fermi surface in the vortex state of an underdoped high-T <sub>c</sub> superconductor. Nature, 2008, 454, 200-203.  | 27.8 | 219       |
| 3  | Towards resolution of the Fermi surface in underdoped high-T <sub>c</sub> superconductors. Reports on Progress in Physics, 2012, 75, 102501.  | 20.1 | 145       |
| 4  | Normal-state nodal electronic structure in underdoped high-T <sub>c</sub> copper oxides. Nature, 2014, 511, 61-64.  | 27.8 | 85        |
| 5  | Protected Nodal Electron Pocket from Multiple-Q Ordering in Underdoped High Temperature Superconductors. Physical Review Letters, 2011, 106, 226402.  | 7.8  | 82        |
| 6  | Fermi surface in the absence of a Fermi liquid in the Kondo insulator SmB <sub>6</sub> . Nature Physics, 2018, 14, 166-172.   | 16.7 | 81        |
| 7  | Quantum Oscillations from Nodal Bilayer Magnetic Breakdown in the Underdoped High Temperature Superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6+x</sub> . Physical Review Letters, 2016, 116, 166403.                    | 7.1  | 71        |
| 8  | Fermi-liquid behavior in an underdoped high-T <sub>c</sub> superconductor. Physical Review B, 2010, 81, .   | 3.2  | 37        |
| 9  | Fermi surfaces in Kondo insulators. Journal of Physics Condensed Matter, 2018, 30, 16LT01.  | 1.8  | 35        |
| 10 | Fermi surface reconstruction from bilayer charge ordering in the underdoped high temperature superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6+x</sub> . New Journal of Physics, 2012, 14, 095023.                       | 2.9  | 30        |
| 11 | Intrinsic Bulk Quantum Oscillations in a Bulk Unconventional Insulator SmB <sub>6</sub> . IScience, 2020, 23, 101632.   | 4.1  | 13        |
| 12 | 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        |
| 13 | f-electron hybridised Fermi surface in magnetic field-induced metallic YbB <sub>12</sub> . Npj Quantum Materials, 2022, 7, .  | 5.2  | 8         |
| 14 | Magnetotransport signatures of a single nodal electron pocket constructed from Fermi arcs. Physical Review B, 2015, 92, .   | 3.2  | 7         |
| 15 | Hard antinodal gap revealed by quantum oscillations in the pseudogap regime of underdoped high-T <sub>c</sub> superconductors. Nature Physics, 2020, 16, 841-847.   | 16.7 | 7         |