

Manik Goyal

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/12074327/manik-goyal-publications-by-year.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

343
citations

9
h-index

18
g-index

23
ext. papers

470
ext. citations

5.1
avg, IF

3.66
L-index

#	Paper	IF	Citations
20	Detecting topological phase transitions in cadmium arsenide films via the transverse magnetoresistance. <i>Applied Physics Letters</i> , 2021 , 119, 171907	3.4	1
19	Room-Temperature Spin Transport in CdAs. <i>ACS Nano</i> , 2021 , 15, 5459-5466	16.7	1
18	Controlling the symmetry of cadmium arsenide films by epitaxial strain. <i>APL Materials</i> , 2021 , 9, 051111	5.7	0
17	Quantum Hall effect of the topological insulator state of cadmium arsenide in Corbino geometry. <i>Applied Physics Letters</i> , 2021 , 118, 261901	3.4	0
16	Carrier mobilities of (001) cadmium arsenide films. <i>APL Materials</i> , 2020 , 8, 051106	5.7	8
15	Widely Tunable Optical and Thermal Properties of Dirac Semimetal Cd ₃ As ₂ . <i>Advanced Optical Materials</i> , 2020 , 8, 1901192	8.1	15
14	Prospects of Terahertz Transistors with the Topological Semimetal Cadmium Arsenide. <i>Advanced Electronic Materials</i> , 2020 , 6, 2000676	6.4	6
13	Magnetoresistance effects in cadmium arsenide thin films. <i>Applied Physics Letters</i> , 2020 , 117, 170601	3.4	
12	Absence of signatures of Weyl orbits in the thickness dependence of quantum transport in cadmium arsenide. <i>Physical Review B</i> , 2019 , 99,	3.3	4
11	Field-effect transistors with the three-dimensional Dirac semimetal cadmium arsenide. <i>Applied Physics Letters</i> , 2019 , 115, 062101	3.4	6
10	Basal-plane growth of cadmium arsenide by molecular beam epitaxy. <i>Physical Review Materials</i> , 2019 , 3,	3.2	14
9	Surface states of strained thin films of the Dirac semimetal Cd ₃ As ₂ . <i>Physical Review Materials</i> , 2019 , 3,	3.2	15
8	Point group symmetry of cadmium arsenide thin films determined by convergent beam electron diffraction. <i>Physical Review Materials</i> , 2019 , 3,	3.2	4
7	Soft phonons and ultralow lattice thermal conductivity in the Dirac semimetal Cd ₃ As ₂ . <i>Physical Review Research</i> , 2019 , 1,	3.9	13
6	Thickness dependence of the quantum Hall effect in films of the three-dimensional Dirac semimetal Cd ₃ As ₂ . <i>APL Materials</i> , 2018 , 6, 026105	5.7	38
5	Observation of the Quantum Hall Effect in Confined Films of the Three-Dimensional Dirac Semimetal Cd ₃ As ₂ . <i>Physical Review Letters</i> , 2018 , 120, 016801	7.4	99
4	Two-dimensional Dirac fermions in thin films of Cd ₃ As ₂ . <i>Physical Review B</i> , 2018 , 97,	3.3	30

- | | | | |
|---|--|-----|----|
| 3 | HAADF-STEM Study of MBE-Grown Dirac Semimetal Cd ₃ As ₂ . <i>Microscopy and Microanalysis</i> , 2017 , 23, 1480-1481 | 0.5 | |
| 2 | Negative magnetoresistance due to conductivity fluctuations in films of the topological semimetal Cd ₃ As ₂ . <i>Physical Review B</i> , 2017 , 95, | 3.3 | 40 |
| 1 | Molecular beam epitaxy of Cd ₃ As ₂ on a III-V substrate. <i>APL Materials</i> , 2016 , 4, 126110 | 5.7 | 47 |