

Christina Aéc Garcia

List of Publications by Year in descending order

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12
papers

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citations

1040056

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1199594

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all docs

13
docs citations

13
times ranked

657
citing authors

#	ARTICLE	IF	CITATIONS
1	The topology of electronic band structures. Nature Materials, 2021, 20, 293-300.	27.5	81
2	Evidence for Dominant Phonon-Electron Scattering in Weyl Semimetal ν_2 Physical Review X, 2021, 11, .	8.9	28
3	Sondheimer oscillations as a probe of non-ohmic flow in WP2 crystals. Nature Communications, 2021, 12, 4799.	12.8	7
4	Imaging phonon-mediated hydrodynamic flow in WTe ₂ . Nature Physics, 2021, 17, 1216-1220.	16.7	72
5	Anisotropic phonon-mediated electronic transport in chiral Weyl semimetals. Physical Review Materials, 2021, 5, .	2.4	10
6	Axion physics in condensed-matter systems. Nature Reviews Physics, 2020, 2, 682-696.	26.6	74
7	Axion-Field-Enabled Nonreciprocal Thermal Radiation in Weyl Semimetals. Nano Letters, 2020, 20, 1923-1927.	9.1	152
8	Computational screening of magnetocaloric alloys. Physical Review Materials, 2020, 4, .	2.4	13
9	Optoelectronic response of the type-I Weyl semimetals TaAs and NbAs from first principles. Physical Review Research, 2020, 2, .	3.6	20
10	Uncovering electron-phonon scattering and phonon dynamics in type-I Weyl semimetals. Physical Review B, 2019, 100, .	3.2	29
11	Planar Nernst effect and Mott relation in (In,Fe)Sb ferromagnetic semiconductor. Journal of Applied Physics, 2018, 123, 175102.	2.5	3
12	A Simple Computational Proxy for Screening Magnetocaloric Compounds. Chemistry of Materials, 2017, 29, 1613-1622.	6.7	58