

Andreas Topp

List of Publications by Year in descending order

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9
papers

1,046
citations

1040056

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h-index

1474206

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g-index

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all docs

9
docs citations

9
times ranked

1594
citing authors

#	ARTICLE	IF	CITATIONS
1	Band Engineering of Dirac Semimetals Using Charge Density Waves. <i>Advanced Materials</i> , 2021, 33, e2101591.	21.0	32
2	The Role of Delocalized Chemical Bonding in Square-Net-Based Topological Semimetals. <i>Journal of the American Chemical Society</i> , 2020, 142, 6350-6359.	13.7	55
3	Modular Arithmetic with Nodal Lines: Drumhead Surface States in ZrSiTe. <i>Physical Review X</i> , 2020, 10, .	8.9	21
4	High mobility in a van der Waals layered antiferromagnetic metal. <i>Science Advances</i> , 2020, 6, eaay6407.	10.3	85
5	The effect of spin-orbit coupling on nonsymmorphic square-net compounds. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 128, 296-300.	4.0	16
6	Tunable Weyl and Dirac states in the nonsymmorphic compound CeSbTe. <i>Science Advances</i> , 2018, 4, eaar2317.	10.3	110
7	Surface Floating 2D Bands in Layered Nonsymmorphic Semimetals: ZrSiS and Related Compounds. <i>Physical Review X</i> , 2017, 7, .	8.9	48
8	Non-symmorphic band degeneracy at the Fermi level in ZrSiTe. <i>New Journal of Physics</i> , 2016, 18, 125014.	2.9	88
9	Dirac cone protected by non-symmorphic symmetry and three-dimensional Dirac line node in ZrSiS. <i>Nature Communications</i> , 2016, 7, 11696.	12.8	591