

Andreas Topp

List of Publications by Year in descending order

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9
papers

1,046
citations

1040056

9
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

1594
citing authors

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