

Nicholas D Cultrara

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

433
citations

933447

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1372567

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g-index

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all docs

11
docs citations

11
times ranked

715
citing authors

#	ARTICLE	IF	CITATIONS
1	The Fermi surface geometrical origin of axis-dependent conduction polarity in layered materials. <i>Nature Materials</i> , 2019, 18, 568-572.	27.5	46
2	Synthesis of 1T, 2H, and 6R Germanane Polytypes. <i>Chemistry of Materials</i> , 2018, 30, 1335-1343.	6.7	53
3	Group-13 and group-15 doping of germanane. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1642-1648.	2.8	17
4	Stabilizing metastable tetragonal HfO ₂ using a non-hydrolytic solution-phase route: ligand exchange as a means of controlling particle size. <i>Chemical Science</i> , 2016, 7, 4930-4939.	7.4	29
5	NaSn ₂ As ₂ : An Exfoliatable Layered van der Waals Zintl Phase. <i>ACS Nano</i> , 2016, 10, 9500-9508.	14.6	39
6	Tailoring the Electronic Structure of Covalently Functionalized Germanane via the Interplay of Ligand Strain and Electronegativity. <i>Chemistry of Materials</i> , 2016, 28, 8071-8077.	6.7	71
7	Improved Topotactic Reactions for Maximizing Organic Coverage of Methyl Germanane. <i>Chemistry of Materials</i> , 2016, 28, 4735-4740.	6.7	34
8	Water activated doping and transport in multilayered germanane crystals. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 034001.	1.8	21
9	Covalently-Controlled Properties by Design in Group IV Graphane Analogues. <i>Accounts of Chemical Research</i> , 2015, 48, 144-151.	15.6	94
10	Ferroelastic Domain Organization and Precursor Control of Size in Solution-Grown Hafnium Dioxide Nanorods. <i>ACS Nano</i> , 2014, 8, 4678-4688.	14.6	29
11	Ferroelastic Domain Organization in Solution-Grown HfO ₂ Nanorods. <i>Microscopy and Microanalysis</i> , 2014, 20, 1970-1971.	0.4	0