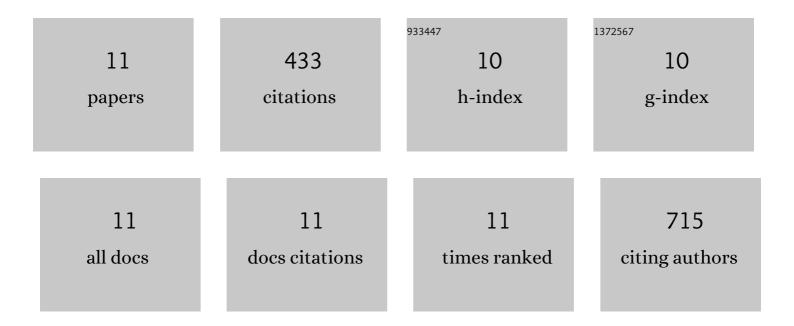
## Nicholas D Cultrara

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11401562/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Covalently-Controlled Properties by Design in Group IV Graphane Analogues. Accounts of Chemical Research, 2015, 48, 144-151.	15.6	94
2	Tailoring the Electronic Structure of Covalently Functionalized Germanane via the Interplay of Ligand Strain and Electronegativity. Chemistry of Materials, 2016, 28, 8071-8077.	6.7	71
3	Synthesis of 1T, 2H, and 6R Germanane Polytypes. Chemistry of Materials, 2018, 30, 1335-1343.	6.7	53
4	The Fermi surface geometrical origin of axis-dependent conduction polarity in layered materials. Nature Materials, 2019, 18, 568-572.	27.5	46
5	NaSn <sub>2</sub> As <sub>2</sub> : An Exfoliatable Layered van der Waals Zintl Phase. ACS Nano, 2016, 10, 9500-9508.	14.6	39
6	Improved Topotactic Reactions for Maximizing Organic Coverage of Methyl Germanane. Chemistry of Materials, 2016, 28, 4735-4740.	6.7	34
7	Ferroelastic Domain Organization and Precursor Control of Size in Solution-Grown Hafnium Dioxide Nanorods. ACS Nano, 2014, 8, 4678-4688.	14.6	29
8	Stabilizing metastable tetragonal HfO <sub>2</sub> using a non-hydrolytic solution-phase route: ligand exchange as a means of controlling particle size. Chemical Science, 2016, 7, 4930-4939.	7.4	29
9	Water activated doping and transport in multilayered germanane crystals. Journal of Physics Condensed Matter, 2016, 28, 034001.	1.8	21
10	Group-13 and group-15 doping of germanane. Beilstein Journal of Nanotechnology, 2017, 8, 1642-1648.	2.8	17
11	Ferroelastic Domain Organization in Solution-Grown HfO2 Nanorods. Microscopy and Microanalysis, 2014, 20, 1970-1971.	0.4	Ο