

Maxx Q Arguilla

List of Publications by Year in descending order

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15
papers

957
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623574

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1296
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#	ARTICLE	IF	CITATIONS
1	Atomically precise single-crystal structures of electrically conducting 2D metal-organic frameworks. <i>Nature Materials</i> , 2021, 20, 222-228.	13.3	239
2	Single Crystals of Electrically Conductive Two-Dimensional Metal-Organic Frameworks: Structural and Electrical Transport Properties. <i>ACS Central Science</i> , 2019, 5, 1959-1964.	5.3	211
3	Covalently-Controlled Properties by Design in Group IV Graphane Analogues. <i>Accounts of Chemical Research</i> , 2015, 48, 144-151.	7.6	94
4	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.	3.2	71
5	Synthesis of 1T, 2H, and 6R Germanane Polytypes. <i>Chemistry of Materials</i> , 2018, 30, 1335-1343.	3.2	53
6	EuSn_2As_2 : an exfoliatable magnetic layered Zintl-Klemm phase. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 378-386.	3.0	48
7	The Fermi surface geometrical origin of axis-dependent conduction polarity in layered materials. <i>Nature Materials</i> , 2019, 18, 568-572.	13.3	46
8	Synthesis and Stability of Two-Dimensional Ge/Sn Graphane Alloys. <i>Chemistry of Materials</i> , 2014, 26, 6941-6946.	3.2	42
9	NaSn_2As_2 : An Exfoliatable Layered van der Waals Zintl Phase. <i>ACS Nano</i> , 2016, 10, 9500-9508.	7.3	39
10	Improved Topotactic Reactions for Maximizing Organic Coverage of Methyl Germanane. <i>Chemistry of Materials</i> , 2016, 28, 4735-4740.	3.2	34
11	Optical properties and Raman-active phonon modes of two-dimensional honeycomb Zintl phases. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11259-11266.	2.7	23
12	Water activated doping and transport in multilayered germanane crystals. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 034001.	0.7	21
13	Ultrathin, High-Aspect Ratio, and Free-Standing Magnetic Nanowires by Exfoliation of Ferromagnetic Quasi-One-Dimensional van der Waals Lattices. <i>Journal of the American Chemical Society</i> , 2021, 143, 19551-19558.	6.6	19
14	Group-13 and group-15 doping of germanane. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1642-1648.	1.5	17
15	"Ship-in-a-Bottle" Synthesis of Fluorescent Iridium (III) Complex Ion into Zeolite Y Supercages. <i>Key Engineering Materials</i> , 0, 707, 135-138.	0.4	0