

Alexander John Cruz

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

557
citations

932766

10
h-index

996533

15
g-index

21
all docs

21
docs citations

21
times ranked

606
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct X-ray and electron-beam lithography of halogenated zeolitic imidazolate frameworks. <i>Nature Materials</i> , 2021, 20, 93-99.	13.3	112
2	Vapor-deposited zeolitic imidazolate frameworks as gap-filling ultra-low-k dielectrics. <i>Nature Communications</i> , 2019, 10, 3729.	5.8	106
3	Vapour-phase deposition of oriented copper dicarboxylate metal-organic framework thin films. <i>Chemical Communications</i> , 2019, 55, 10056-10059.	2.2	64
4	Solvent-Free Powder Synthesis and MOF-CVD Thin Films of the Large-Pore Metal-Organic Framework MAF-6. <i>Chemistry of Materials</i> , 2020, 32, 1784-1793.	3.2	62
5	Integrated Cleanroom Process for the Vapor-Phase Deposition of Large-Area Zeolitic Imidazolate Framework Thin Films. <i>Chemistry of Materials</i> , 2019, 31, 9462-9471.	3.2	52
6	Porosimetry for Thin Films of Metal-Organic Frameworks: A Comparison of Positron Annihilation Lifetime Spectroscopy and Adsorption-Based Methods. <i>Advanced Materials</i> , 2021, 33, e2006993.	11.1	40
7	Solid-phase microextraction coatings based on the metal-organic framework ZIF-8: Ensuring stable and reusable fibers. <i>Talanta</i> , 2020, 215, 120910.	2.9	36
8	Templated Solvent-Free Powder Synthesis and MOF-CVD Films of the Ultramicroporous Metal-Organic Framework Mg-Mg -Magnesium Formate. <i>Chemistry of Materials</i> , 2020, 32, 10469-10475.	3.2	16
9	Solvent-Free Powder Synthesis and Thin Film Chemical Vapor Deposition of a Zinc Bipyridyl-Triazolate Framework. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 71-74.	1.0	15
10	Effect of different oxide and hybrid precursors on MOF-CVD of ZIF-8 films. <i>Dalton Transactions</i> , 2021, 50, 6784-6788.	1.6	13
11	Chlorine-Resistant Epoxide-Based Membranes for Sustainable Water Desalination. <i>Environmental Science and Technology Letters</i> , 2021, 8, 818-824.	3.9	12
12	Chemical Vapor Deposition of Ionic Liquids for the Fabrication of Ionogel Films and Patterns. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25668-25673.	7.2	12
13	Influence of Precursor Density and Conversion Time on the Orientation of Vapor-Deposited ZIF-8. <i>Crystals</i> , 2022, 12, 217.	1.0	8
14	Unraveling the mechanism of the conversion treatment on Advanced High Strength Stainless Steels (AHSS). <i>Applied Surface Science</i> , 2022, 572, 151418.	3.1	4
15	Porosimetry: Porosimetry for Thin Films of Metal-Organic Frameworks: A Comparison of Positron Annihilation Lifetime Spectroscopy and Adsorption-Based Methods (Adv. Mater. 17/2021). <i>Advanced Materials</i> , 2021, 33, 2170133.	11.1	3
16	Chemical Vapor Deposition of Ionic Liquids for the Fabrication of Ionogel Films and Patterns. <i>Angewandte Chemie</i> , 2021, 133, 25872.	1.6	0
17	Frontispiece: Chemical Vapor Deposition of Ionic Liquids for the Fabrication of Ionogel Films and Patterns. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	7.2	0
18	Frontispiz: Chemical Vapor Deposition of Ionic Liquids for the Fabrication of Ionogel Films and Patterns. <i>Angewandte Chemie</i> , 2021, 133, .	1.6	0