

Ioannina Castano

List of Publications by Year in descending order

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18
papers

902
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686830

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times ranked

1352
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulator Effects on the Water-Based Synthesis of Zr/Hf Metal-Organic Frameworks: Quantitative Relationship Studies between Modulator, Synthetic Condition, and Performance. <i>Crystal Growth and Design</i> , 2016, 16, 2295-2301.	1.4	128
2	Acid Exfoliation of Imine-Linked Covalent Organic Frameworks Enables Solution Processing into Crystalline Thin Films. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5165-5171.	7.2	128
3	Controlled growth of imine-linked two-dimensional covalent organic framework nanoparticles. <i>Chemical Science</i> , 2019, 10, 3796-3801.	3.7	118
4	New Mechanistic Insights into the Formation of Imine-Linked Two-Dimensional Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020, 142, 18637-18644.	6.6	87
5	Emissive Single-Crystalline Boroxine-Linked Colloidal Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019, 141, 19728-19735.	6.6	79
6	High-Sensitivity Acoustic Molecular Sensors Based on Large-Area, Spray-Coated 2D Covalent Organic Frameworks. <i>Advanced Materials</i> , 2020, 32, e2004205.	11.1	67
7	Design and synthesis of two-dimensional covalent organic frameworks with four-arm cores: prediction of remarkable ambipolar charge-transport properties. <i>Materials Horizons</i> , 2019, 6, 1868-1876.	6.4	62
8	Nucleation-Elongation Dynamics of Two-Dimensional Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020, 142, 1367-1374.	6.6	58
9	Chemical Control over Nucleation and Anisotropic Growth of Two-Dimensional Covalent Organic Frameworks. <i>ACS Central Science</i> , 2019, 5, 1892-1899.	5.3	44
10	Acid Exfoliation of Imine-Linked Covalent Organic Frameworks Enables Solution Processing into Crystalline Thin Films. <i>Angewandte Chemie</i> , 2020, 132, 5203-5209.	1.6	31
11	Electronically Coupled 2D Polymer/MoS ₂ Heterostructures. <i>Journal of the American Chemical Society</i> , 2020, 142, 21131-21139.	6.6	25
12	Mapping Grains, Boundaries, and Defects in 2D Covalent Organic Framework Thin Films. <i>Chemistry of Materials</i> , 2021, 33, 1341-1352.	3.2	25
13	Supramolecular polymerization provides non-equilibrium product distributions of imine-linked macrocycles. <i>Chemical Science</i> , 2020, 11, 1957-1963.	3.7	14
14	Controlled n-Doping of Naphthalene-Diimide-Based 2D Polymers. <i>Advanced Materials</i> , 2022, 34, e2101932.	11.1	13
15	Diverse Proton-Conducting Nanotubes via a Tandem Macrocyclization and Assembly Strategy. <i>Journal of the American Chemical Society</i> , 2021, 143, 8145-8153.	6.6	7
16	Lithium-Conducting Self-Assembled Organic Nanotubes. <i>Journal of the American Chemical Society</i> , 2021, 143, 17655-17665.	6.6	7
17	Hydrogen Shifts in Aryl Radicals and Diradicals: The Role of <i>m</i> -Benzynes. <i>Journal of Organic Chemistry</i> , 2018, 83, 314-322.	1.7	6
18	Continuous-Flow Synthesis of Thermochromic M-Phase VO ₂ Particles via Rapid One-Step Hydrothermal Reaction: Effect of Mixers. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-10.	1.5	0