

Miguel Rivera-Torrente

List of Publications by Year in descending order

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343
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the Effects of Binders in Gas Sorption and Acidity of Aluminium Fumarate Extrudates. Chemistry - A European Journal, 2022, 28, .	3.3	6
2	Visualizing defects and pore connectivity within metal-organic frameworks by X-ray transmission tomography. Chemical Science, 2021, 12, 8458-8467.	7.4	10
3	Influence of Pore Structure and Metal-Node Geometry on the Polymerization of Ethylene over Cr-Based Metal-Organic Frameworks. Chemistry - A European Journal, 2021, 27, 5769-5781.	3.3	5
4	Nanoweb Surface-Mounted Metal-Organic Framework Films with Tunable Amounts of Acid Sites as Tailored Catalysts. Chemistry - A European Journal, 2020, 26, 691-698.	3.3	11
5	Spectroscopy, microscopy, diffraction and scattering of archetypal MOFs: formation, metal sites in catalysis and thin films. Chemical Society Reviews, 2020, 49, 6694-6732.	38.1	71
6	In Situ Spectroscopy of Calcium Fluoride Anchored Metal-Organic Framework Thin Films during Gas Sorption. Angewandte Chemie, 2020, 132, 19713-19720.	2.0	6
7	In Situ Spectroscopy of Calcium Fluoride Anchored Metal-Organic Framework Thin Films during Gas Sorption. Angewandte Chemie - International Edition, 2020, 59, 19545-19552.	13.8	13
8	Multi-Spectroscopic Interrogation of the Spatial Linker Distribution in Defect-Engineered Metal-Organic Framework Crystals: The [Cu ₃ (btc) ₂ ·x(cydc) _x] Showcase. Chemistry - A European Journal, 2020, 26, 3614-3625.	3.3	12
9	Impact of Niobium in the Metal-Organic Framework-Mediated Synthesis of Co-Based Catalysts for Synthesis Gas Conversion. Catalysis Letters, 2019, 149, 3279-3286.	2.6	16
10	Ethylene Polymerization over Metal-Organic Framework Crystallites and the Influence of Linkers on Their Fracturing Process. ACS Catalysis, 2019, 9, 3059-3069.	11.2	29
11	Micro-spectroscopy of HKUST-1 metal-organic framework crystals loaded with tetracyanoquinodimethane: effects of water on host-guest chemistry and electrical conductivity. Physical Chemistry Chemical Physics, 2019, 21, 25678-25689.	2.8	15
12	Metal-Organic Frameworks as Catalyst Supports: Influence of Lattice Disorder on Metal Nanoparticle Formation. Chemistry - A European Journal, 2018, 24, 7498-7506.	3.3	29