

Anna Lisa Semrau

List of Publications by Year in descending order

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17
papers

466
citations

933447

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996975

15
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docs citations

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times ranked

764
citing authors

#	ARTICLE	IF	CITATIONS
1	Vectorial Catalysis in Surface-Anchored Nanometer-Sized Metal-Organic Frameworks-Based Microfluidic Devices. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	5
2	Frontispiz: Vektorielle Katalyse mit oberflächenverankerten nano-metallorganischen GerÄ¼sten in mikrofluidischen Reaktoren. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0
3	Frontispiece: Vectorial Catalysis in Surface-Anchored Nanometer-Sized Metal-Organic Frameworks-Based Microfluidic Devices. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	1
4	Synthetic Approaches Targeting Metal-Free Perovskite [HMDABCO](NH ₄) ₃ Thin Films. <i>Crystal Growth and Design</i> , 2022, 22, 406-413.	3.0	3
5	An Investigation into the Intrinsic Peroxidase-Like Activity of Fe-MOFs and Fe-MOFs/Polymer Composites. <i>Advanced Materials Technologies</i> , 2021, 6, 2001048.	5.8	27
6	High-Quality Thin Films of UiO-66-NH ₂ by Coordination Modulated Layer-by-Layer Liquid Phase Epitaxy. <i>Chemistry - A European Journal</i> , 2021, 27, 8509-8516.	3.3	12
7	Surface-Mounted Metal-Organic Frameworks: Past, Present, and Future Perspectives. <i>Langmuir</i> , 2021, 37, 6847-6863.	3.5	32
8	Advanced Bifunctional Oxygen Reduction and Evolution Electrocatalyst Derived from Surface-Mounted Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2020, 132, 5886-5892.	2.0	16
9	Advanced Bifunctional Oxygen Reduction and Evolution Electrocatalyst Derived from Surface-Mounted Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5837-5843.	13.8	99
10	Selective Positioning of Nanosized Metal-Organic Framework Particles at Patterned Substrate Surfaces. <i>Chemistry of Materials</i> , 2020, 32, 9954-9963.	6.7	10
11	Substantial Turnover Frequency Enhancement of MOF Catalysts by Crystallite Downsizing Combined with Surface Anchoring. <i>ACS Catalysis</i> , 2020, 10, 3203-3211.	11.2	41
12	Control of structural flexibility of layered-pillared metal-organic frameworks anchored at surfaces. <i>Nature Communications</i> , 2019, 10, 346.	12.8	93
13	Discovery of Polyoxo-Noble-Metalate-Based Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019, 141, 3385-3389.	13.7	43
14	Highly Porous Nanocrystalline UiO-66 Thin Films via Coordination Modulation Controlled Step-by-Step Liquid-Phase Growth. <i>Crystal Growth and Design</i> , 2019, 19, 1738-1747.	3.0	18
15	A machine-assisted approach for the preparation of follow-on pharmaceutical compound libraries. <i>Reaction Chemistry and Engineering</i> , 2018, 3, 210-215.	3.7	11
16	Dual Site Lewis-Acid Metal-Organic Framework Catalysts for CO ₂ Fixation: Counteracting Effects of Node Connectivity, Defects and Linker Metalation. <i>ChemCatChem</i> , 2018, 10, 3506-3512.	3.7	55
17	Vectorial Catalysis in Surface-Anchored Nanometer-sized Metal-Organic Frameworks-based Microfluidic Devices. <i>Angewandte Chemie</i> , 0, , .	2.0	0