Anna Lisa Semrau

List of Publications by Year
in descending order

17	466	933447 10	996975 15
papers	citations	h-index	g-index

17	17	17	764
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advanced Bifunctional Oxygen Reduction and Evolution Electrocatalyst Derived from Surfaceâ€Mounted Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2020, 59, 5837-5843.	13.8	99
2	Control of structural flexibility of layered-pillared metal-organic frameworks anchored at surfaces. Nature Communications, 2019, 10, 346.	12.8	93
3	Dual Site Lewisâ€Acid Metalâ€Organic Framework Catalysts for CO₂ Fixation: Counteracting Effects of Node Connectivity, Defects and Linker Metalation. ChemCatChem, 2018, 10, 3506-3512.	3.7	55
4	Discovery of Polyoxo-Noble-Metalate-Based Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 3385-3389.	13.7	43
5	Substantial Turnover Frequency Enhancement of MOF Catalysts by Crystallite Downsizing Combined with Surface Anchoring. ACS Catalysis, 2020, 10, 3203-3211.	11.2	41
6	Surface-Mounted Metalâ€“Organic Frameworks: Past, Present, and Future Perspectives. Langmuir, 2021, 37, 6847-6863.	3.5	32
7	An Investigation into the Intrinsic Peroxidaseâ€Like Activity of Feâ€MOFs and Feâ€MOFs/Polymer Composites. Advanced Materials Technologies, 2021, 6, 2001048.	5.8	27
8	Highly Porous Nanocrystalline UiO-66 Thin Films via Coordination Modulation Controlled Step-by-Step Liquid-Phase Growth. Crystal Growth and Design, 2019, 19, 1738-1747.	3.0	18
9	Advanced Bifunctional Oxygen Reduction and Evolution Electrocatalyst Derived from Surfaceâ€Mounted Metalâ€“Organic Frameworks. Angewandte Chemie, 2020, 132, 5886-5892.	2.0	16
10	Highâ€Quality Thin Films of UiOâ€66â€NH₂ by Coordination Modulated Layerâ€byâ€Layer Liquid Phase Epitaxy. Chemistry - A European Journal, 2021, 27, 8509-8516.	3.3	12
11	A machine-assisted approach for the preparation of follow-on pharmaceutical compound libraries. Reaction Chemistry and Engineering, 2018, 3, 210-215.	3.7	11
12	Selective Positioning of Nanosized Metalâ€“Organic Framework Particles at Patterned Substrate Surfaces. Chemistry of Materials, 2020, 32, 9954-9963.	6.7	10
13	Vectorial Catalysis in Surfaceâ€Anchored Nanometerâ€Sized Metalâ€“Organic Frameworksâ€Based Microfluidic Devices. Angewandte Chemie - International Edition, 2022, 61, .	13.8	5
14	Synthetic Approaches Targeting Metal-Free Perovskite [HMDABCO](NH₄)I₃ Thin Films. Crystal Growth and Design, 2022, 22, 406-413.	3.0	3
15	Frontispiece: Vectorial Catalysis in Surfaceâ€Anchored Nanometerâ€Sized Metalâ€“Organic Frameworksâ€Based Microfluidic Devices. Angewandte Chemie - International Edition, 2022, 61, .	13.8	1
16	Vectorial Catalysis in Surfaceâ€Anchored Nanometerâ€sized Metalâ€Organic Frameworksâ€based Microfluidic Devices. Angewandte Chemie, 0, , .	2.0	0
17	Frontispiz: Vektorielle Katalyse mit oberflÃchenverankerten nanoâ€metallorganischen GerÃ¼sten in mikrofluidischen Reaktoren. Angewandte Chemie, 2022, 134, .	2.0	0