Ran Shimoni

List of Publications by Year
in descending order

14	473	933447 10	1199594 12
papers	citations	h-index	g-index

14	14	14	566
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Active-Site Modulation in an Fe-Porphyrin-Based Metalâ€“Organic Framework through Ligand Axial Coordination: Accelerating Electrocatalysis and Charge-Transport Kinetics. Journal of the American Chemical Society, 2020, 142, 1933-1940.	13.7	138
2	Tuning of Redox Conductivity and Electrocatalytic Activity in Metalâ€“Organic Framework Films Via Control of Defect Site Density. Journal of Physical Chemistry C, 2019, 123, 5531-5539.	3.1	53
3	Unraveling the Mechanisms of Electrocatalytic Oxygenation and Dehydrogenation of Organic Molecules to Valueâ€Added Chemicals Over a Niâ€“Fe Oxide Catalyst. Advanced Energy Materials, 2021, 11, 2101858.	19.5	51
4	Assembly of a Metalâ€“Organic Framework (MOF) Membrane on a Solid Electrocatalyst: Introducing Molecularâ€Level Control Over Heterogeneous CO₂ Reduction. Angewandte Chemie - International Edition, 2021, 60, 13423-13429.	13.8	48
5	Pristine versus Pyrolyzed Metalâ€“Organic Framework-based Oxygen Evolution Electrocatalysts: Evaluation of Intrinsic Activity Using Electrochemical Impedance Spectroscopy. Journal of Physical Chemistry Letters, 2019, 10, 3630-3636.	4.6	34
6	A metalâ€“organic framework film with a switchable anodic and cathodic behaviour in a photo-electrochemical cell. Journal of Materials Chemistry A, 2019, 7, 3046-3053.	10.3	32
7	Spatially confined electrochemical conversion of metalâ€“organic frameworks into metal-sulfides and theirin situelectrocatalytic investigationviascanning electrochemical microscopy. Chemical Science, 2020, 11, 180-185.	7.4	32
8	Synergistic Coupling of Anionic Ligands To Optimize the Electronic and Catalytic Properties of Metalâ€“Organic Framework-Converted Oxygen-Evolving Catalysts. ACS Applied Energy Materials, 2019, 2, 2138-2148.	5.1	31
9	Carbon dot-polymer nanoporous membrane for recyclable sunlight-sterilized facemasks. Journal of Colloid and Interface Science, 2021, 592, 342-348.	9.4	28
10	Localized Electrosynthesis and Subsequent Electrochemical Mapping of Catalytically Active Metalâ€“Organic Frameworks. Advanced Functional Materials, 2022, 32, 2112517.	14.9	11
11	Assembly of a Metalâ€“Organic Framework (MOF) Membrane on a Solid Electrocatalyst: Introducing Molecularâ€Level Control Over Heterogeneous CO₂ Reduction. Angewandte Chemie, 2021, 133, 13535-13541.	2.0	8
12	Electrostatic Secondaryâ€Sphere Interactions That Facilitate Rapid and Selective Electrocatalytic CO₂ Reduction in a Feâ€Porphyrinâ€Based Metalâ€“Organic Framework. Angewandte Chemie, 2022, 134, .	2.0	7
13	Metal-Organic Frameworks as a Heterogeneous Platform for (Photo)-Electrocatalytic CO2 Reduction. , 0, , .		0
14	Metal-Organic Frameworks as a Heterogeneous Platform for (Photo)-Electrocatalytic Solar Fuel Production. , 0, , .		0