

Ran Shimoni

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

473
citations

933447

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1199594

12
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docs citations

14
times ranked

566
citing authors

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