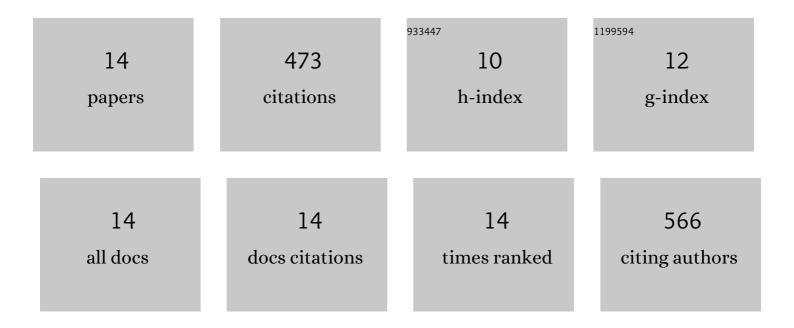
Ran Shimoni

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Active-Site Modulation in an Fe-Porphyrin-Based Metal–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 Metal–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 Ni–Fe Oxide Catalyst. Advanced Energy Materials, 2021, 11, 2101858.	19.5	51
4	Assembly of a Metal–Organic Framework (MOF) Membrane on a Solid Electrocatalyst: Introducing Molecular‣evel Control Over Heterogeneous CO ₂ Reduction. Angewandte Chemie - International Edition, 2021, 60, 13423-13429.	13.8	48
5	Pristine versus Pyrolyzed Metal–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 metal–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 metal–organic frameworks into metal-sulfides and their <i>in situ</i> electrocatalytic investigation <i>via</i> scanning 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 Metal–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 Metal–Organic Frameworks. Advanced Functional Materials, 2022, 32, 2112517.	14.9	11
11	Assembly of a Metal–Organic Framework (MOF) Membrane on a Solid Electrocatalyst: Introducing Molecularâ€Level Control Over Heterogeneous CO ₂ Reduction. Angewandte Chemie, 2021, 133, 13535-13541.	2.0	8
12	Electrostatic Secondaryâ€Sphere Interactions That Facilitate Rapid and Selective Electrocatalytic CO ₂ Reduction in a Feâ€Porphyrinâ€Based Metal–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