Linsey C Seitz

List of Publications by Year
in descending order

24 papers	5,429 citations	471509 17 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	8426 citing authors

#	Article	IF	Citations
1	Stabilization of Undercoordinated Cu Sites in Strontium Copper Oxides for Enhanced Formation of C₂₊ Products in Electrochemical CO₂ Reduction. ACS Catalysis, 2022, 12, 6663-6671.	11.2	28
2	Solar-driven electrochemical synthesis of ammonia using nitrate with 11% solar-to-fuel efficiency at ambient conditions. Energy and Environmental Science, 2021, 14, 6349-6359.	30.8	70
3	Chemical Structure of a Carbon-Rich Layer at the Wet-Chemical Processed Cu2ZnSn(S,Se)4/Mo Interface. IEEE Journal of Photovoltaics, 2021, 11, 658-663.	2.5	2
4	Constant Change: Exploring Dynamic Oxygen Evolution Reaction Catalysis and Material Transformations in Strontium Zinc Iridate Perovskite in Acid. Journal of the American Chemical Society, 2021, 143, 9961-9971.	13.7	57
5	Impact of n-Butylammonium Bromide on the Chemical and Electronic Structure of Double-Cation Perovskite Thin Films. ACS Applied Materials & Interfaces, 2021, 13, 53202-53210.	8.0	7
6	Coupling Methylammonium and Formamidinium Cations with Halide Anions: Hybrid Orbitals, Hydrogen Bonding, and the Role of Dynamics. Journal of Physical Chemistry C, 2021, 125, 25917-25926.	3.1	4
7	Observation of Double Excitations in the Resonant Inelastic X-ray Scattering of Nitric Oxide. Journal of Physical Chemistry Letters, 2020, 11, 7476-7482.	4.6	10
8	Operando investigation of Au-MnOx thin films with improved activity for the oxygen evolution reaction. Electrochimica Acta, 2017, 230, 22-28.	5.2	39
9	Materials for solar fuels and chemicals. Nature Materials, 2017, 16, 70-81.	27.5	1,163
10	Band Edge Engineering of Oxide Photoanodes for Photoelectrochemical Water Splitting: Integration of Subsurface Dipoles with Atomicâ€Scale Control. Advanced Energy Materials, 2016, 6, 1502154.	19.5	39
11	Improving the Photoelectrochemical Performance of Hematite by Employing a High Surface Area Scaffold and Engineering Solidâ€“Solid Interfaces. Advanced Materials Interfaces, 2016, 3, 1500626.	3.7	14
12	A highly active and stable IrO _x /SrIrO ₃ catalyst for the oxygen evolution reaction. Science, 2016, 353, 1011-1014.	12.6	1,606
13	Solar water splitting by photovoltaic-electrolysis with a solar-to-hydrogen efficiency over 30%. Nature Communications, 2016, 7, 13237.	12.8	610
14	Tuning Composition and Activity of Cobalt Titanium Oxide Catalysts for the Oxygen Evolution Reaction. Electrochimica Acta, 2016, 193, 240-245.	5.2	26
15	Applications of ALD MnO to electrochemical water splitting. Physical Chemistry Chemical Physics, 2015, 17, 14003-14011.	2.8	44
16	Enhancement Effect of Noble Metals on Manganese Oxide for the Oxygen Evolution Reaction. Journal of Physical Chemistry Letters, 2015, 6, 4178-4183.	4.6	89
17	Mapping Photoelectrochemical Current Distribution at Nanoscale Dimensions on Morphologically Controlled BiVO₄. Journal of Physical Chemistry Letters, 2015, 6, 3702-3707.	4.6	18
18	CoTiO_xCatalysts for the Oxygen Evolution Reaction. Journal of the Electrochemical Society, 2015, 162, H841-H846.	2.9	14

#	Article	IF	Citations
19	Modeling Practical Performance Limits of Photoelectrochemical Water Splitting Based on the Current State of Materials Research. ChemSusChem, 2014, 7, 1372-1385.	6.8	195
20	Understanding Interactions between Manganese Oxide and Gold That Lead to Enhanced Activity for Electrocatalytic Water Oxidation. Journal of the American Chemical Society, 2014, 136, 4920-4926.	13.7	205
21	Technical and economic feasibility of centralized facilities for solar hydrogen production via photocatalysis and photoelectrochemistry. Energy and Environmental Science, 2013, 6, 1983.	30.8	1,119
22	Effect of Temperature Treatment on CoTiOx Catalyst for the Oxygen Evolution Reaction. ECS Transactions, 2013, 58, 285-291.	0.5	1
23	cAMP initiates early phase neuron-like morphology changes and late phase neural differentiation in mesenchymal stem cells. Cellular and Molecular Life Sciences, 2011, 68, 863-876.	5.4	37
24	Synergistic effect of cAMP and palmitate in promoting altered mitochondrial function and cell death in HepG2 cells. Experimental Cell Research, 2010, 316, 716-727.	2.6	32