

Linsey C Seitz

List of Publications by Year in descending order

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Version: 2024-02-01

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	A highly active and stable IrO _x /SrIrO ₃ catalyst for the oxygen evolution reaction. <i>Science</i> , 2016, 353, 1011-1014.	12.6	1,606
2	Materials for solar fuels and chemicals. <i>Nature Materials</i> , 2017, 16, 70-81.	27.5	1,163
3	Technical and economic feasibility of centralized facilities for solar hydrogen production via photocatalysis and photoelectrochemistry. <i>Energy and Environmental Science</i> , 2013, 6, 1983.	30.8	1,119
4	Solar water splitting by photovoltaic-electrolysis with a solar-to-hydrogen efficiency over 30%. <i>Nature Communications</i> , 2016, 7, 13237.	12.8	610
5	Understanding Interactions between Manganese Oxide and Gold That Lead to Enhanced Activity for Electrocatalytic Water Oxidation. <i>Journal of the American Chemical Society</i> , 2014, 136, 4920-4926.	13.7	205
6	Modeling Practical Performance Limits of Photoelectrochemical Water Splitting Based on the Current State of Materials Research. <i>ChemSusChem</i> , 2014, 7, 1372-1385.	6.8	195
7	Enhancement Effect of Noble Metals on Manganese Oxide for the Oxygen Evolution Reaction. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4178-4183.	4.6	89
8	Solar-driven electrochemical synthesis of ammonia using nitrate with 11% solar-to-fuel efficiency at ambient conditions. <i>Energy and Environmental Science</i> , 2021, 14, 6349-6359.	30.8	70
9	Constant Change: Exploring Dynamic Oxygen Evolution Reaction Catalysis and Material Transformations in Strontium Zinc Iridate Perovskite in Acid. <i>Journal of the American Chemical Society</i> , 2021, 143, 9961-9971.	13.7	57
10	Applications of ALD MnO to electrochemical water splitting. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 14003-14011.	2.8	44
11	Band Edge Engineering of Oxide Photoanodes for Photoelectrochemical Water Splitting: Integration of Subsurface Dipoles with Atomic-Scale Control. <i>Advanced Energy Materials</i> , 2016, 6, 1502154.	19.5	39
12	Operando investigation of Au-MnOx thin films with improved activity for the oxygen evolution reaction. <i>Electrochimica Acta</i> , 2017, 230, 22-28.	5.2	39
13	cAMP initiates early phase neuron-like morphology changes and late phase neural differentiation in mesenchymal stem cells. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 863-876.	5.4	37
14	Synergistic effect of cAMP and palmitate in promoting altered mitochondrial function and cell death in HepG2 cells. <i>Experimental Cell Research</i> , 2010, 316, 716-727.	2.6	32
15	Stabilization of Undercoordinated Cu Sites in Strontium Copper Oxides for Enhanced Formation of C ₂ Products in Electrochemical CO ₂ Reduction. <i>ACS Catalysis</i> , 2022, 12, 6663-6671.	11.2	28
16	Tuning Composition and Activity of Cobalt Titanium Oxide Catalysts for the Oxygen Evolution Reaction. <i>Electrochimica Acta</i> , 2016, 193, 240-245.	5.2	26
17	Mapping Photoelectrochemical Current Distribution at Nanoscale Dimensions on Morphologically Controlled BiVO ₄ . <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 3702-3707.	4.6	18
18	CoTiO _x Catalysts for the Oxygen Evolution Reaction. <i>Journal of the Electrochemical Society</i> , 2015, 162, H841-H846.	2.9	14

#	ARTICLE	IF	CITATIONS
19	Improving the Photoelectrochemical Performance of Hematite by Employing a High Surface Area Scaffold and Engineering Solid-Solid Interfaces. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500626.	3.7	14
20	Observation of Double Excitations in the Resonant Inelastic X-ray Scattering of Nitric Oxide. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 7476-7482.	4.6	10
21	Impact of <i>n</i> -Butylammonium Bromide on the Chemical and Electronic Structure of Double-Cation Perovskite Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 53202-53210.	8.0	7
22	Coupling Methylammonium and Formamidinium Cations with Halide Anions: Hybrid Orbitals, Hydrogen Bonding, and the Role of Dynamics. <i>Journal of Physical Chemistry C</i> , 2021, 125, 25917-25926.	3.1	4
23	Chemical Structure of a Carbon-Rich Layer at the Wet-Chemical Processed Cu ₂ ZnSn(S,Se) ₄ /Mo Interface. <i>IEEE Journal of Photovoltaics</i> , 2021, 11, 658-663.	2.5	2
24	Effect of Temperature Treatment on CoTiOx Catalyst for the Oxygen Evolution Reaction. <i>ECS Transactions</i> , 2013, 58, 285-291.	0.5	1