

Ding-Yuan Kuo

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

795
citations

1162367

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h-index

1281420

11
g-index

11
all docs

11
docs citations

11
times ranked

1569
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Surface Adsorption on the Oxygen Evolution Reaction on IrO ₂ (110). Journal of the American Chemical Society, 2017, 139, 3473-3479.	6.6	269
2	Measurements of Oxygen Electroadsorption Energies and Oxygen Evolution Reaction on RuO ₂ (110): A Discussion of the Sabatier Principle and Its Role in Electrocatalysis. Journal of the American Chemical Society, 2018, 140, 17597-17605.	6.6	177
3	Amorphization mechanism of SrIrO ₃ electrocatalyst: How oxygen redox initiates ionic diffusion and structural reorganization. Science Advances, 2021, 7, .	4.7	122
4	Oxygen evolution reaction electrocatalysis on SrIrO ₃ grown using molecular beam epitaxy. Journal of Materials Chemistry A, 2016, 4, 6831-6836.	5.2	62
5	Effect of Surface Potential on NIH3T3 Cell Adhesion and Proliferation. Journal of Physical Chemistry C, 2014, 118, 14464-14470.	1.5	57
6	Tailoring manganese oxide with atomic precision to increase surface site availability for oxygen reduction catalysis. Nature Communications, 2018, 9, 4034.	5.8	41
7	Chlorine evolution reaction electrocatalysis on RuO ₂ (110) and IrO ₂ (110) grown using molecular-beam epitaxy. Journal of Chemical Physics, 2019, 150, 041726.	1.2	39
8	Epitaxial Thin-Film Spinel Oxides as Oxygen Reduction Electrocatalysts in Alkaline Media. Chemistry of Materials, 2021, 33, 4006-4013.	3.2	9
9	Enthalpy and entropy of oxygen electroadsorption on RuO ₂ (110) in alkaline media. Journal of Chemical Physics, 2020, 152, 094704.	1.2	8
10	Direct intercalation of MoS ₂ and WS ₂ thin films by vacuum filtration. Materials Horizons, 2022, 9, 360-367.	6.4	8
11	Rate and Mechanism of Electrochemical Formation of Surface-Bound Hydrogen on Pt(111) Single Crystals. Journal of Physical Chemistry Letters, 2022, 13, 6383-6390.	2.1	3