Song Xue

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10842940/publications.pdf

Version: 2024-02-01

19 papers	816 citations	687363 13 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	1135 citing authors

#	Article	IF	Citations
1	A Systematic Study of the Influence of Electrolyte Ions on the Electrode Activity. ChemElectroChem, 2022, 9, .	3.4	8
2	Metamorphosis of Heterostructured Surfaceâ€Mounted Metalâ€“Organic Frameworks Yielding Record Oxygen Evolution Mass Activities. Advanced Materials, 2021, 33, e2103218.	21.0	43
3	Sandwich-like hierarchical porous dual-carbon catalyst with more accessible sites for boosting oxygen reduction reaction. Materials Today Energy, 2021, 21, 100809.	4.7	6
4	Advanced Bifunctional Oxygen Reduction and Evolution Electrocatalyst Derived from Surfaceâ€Mounted Metalâ€“Organic Frameworks. Angewandte Chemie, 2020, 132, 5886-5892.	2.0	16
5	Advanced Bifunctional Oxygen Reduction and Evolution Electrocatalyst Derived from Surfaceâ€Mounted Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2020, 59, 5837-5843.	13.8	99
6	Comparison of the absolute mass sensitivity of ring electrode QCM and standard QCM using electrodeposition. Electrochemistry Communications, 2020, 119, 106826.	4.7	8
7	How the Nature of the Alkali Metal Cations Influences the Double-Layer Capacitance of Cu, Au, and Pt Single-Crystal Electrodes. Journal of Physical Chemistry C, 2020, 124, 12442-12447.	3.1	37
8	Measurement of the mass sensitivity of QCM with ring electrodes using electrodeposition. Electrochemistry Communications, 2020, 116, 106744.	4.7	13
9	AktivitÃtssteigerung der Wasserstoffentwicklung von Platinelektroden in alkalischen Medien unter Verwendung von Niâ€Feâ€Clustern. Angewandte Chemie, 2020, 132, 11026-11031.	2.0	8
10	Enhancing the Hydrogen Evolution Reaction Activity of Platinum Electrodes in Alkaline Media Using Nickelâ€“Iron Clusters. Angewandte Chemie - International Edition, 2020, 59, 10934-10938.	13.8	70
11	Prospects of Valueâ€Added Chemicals and Hydrogen via Electrolysis. ChemSusChem, 2020, 13, 2513-2521.	6.8	70
12	Determination of Electroactive Surface Area of Ni-, Co-, Fe-, and Ir-Based Oxide Electrocatalysts. ACS Catalysis, 2019, 9, 9222-9230.	11.2	80
13	Theoretical and experimental identification of active electrocatalytic surface sites. Current Opinion in Electrochemistry, 2019, 14, 206-213.	4.8	12
14	Influence of the Nature of the Alkali Metal Cations on the Electrical Double-Layer Capacitance of Model Pt(111) and Au(111) Electrodes. Journal of Physical Chemistry Letters, 2018, 9, 1927-1930.	4.6	68
15	Oxygen Electroreduction at High-Index Pt Electrodes in Alkaline Electrolytes: A Decisive Role of the Alkali Metal Cations. ACS Omega, 2018, 3, 15325-15331.	3.5	39
16	Influence of Alkali Metal Cations on the Hydrogen Evolution Reaction Activity of Pt, Ir, Au, and Ag Electrodes in Alkaline Electrolytes. ChemElectroChem, 2018, 5, 2326-2329.	3.4	95
17	Reconsidering Water Electrolysis: Producing Hydrogen at Cathodes Together with Selective Oxidation of nâ€Butylamine at Anodes. ChemSusChem, 2017, 10, 4812-4816.	6.8	27
18	Facile fabrication of binder-free NiO electrodes with high rate capacity for lithium-ion batteries. Applied Surface Science, 2016, 368, 298-302.	6.1	35

#	Article	IF	Citations
19	N-Doped Amorphous Carbon Coated Fe₃O₄/SnO₂ Coaxial Nanofibers as a Binder-Free Self-Supported Electrode for Lithium Ion Batteries. ACS Applied Materials & Interfaces, 2014, 6, 20334-20339.	8.0	82