Song Xue

List of Publications by Year
in descending order

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	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
2	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
3	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
4	Determination of Electroactive Surface Area of Ni-, Co-, Fe-, and Ir-Based Oxide Electrocatalysts. ACS Catalysis, 2019, 9, 9222-9230.	11.2	80
5	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
6	Prospects of Valueâ€Added Chemicals and Hydrogen via Electrolysis. ChemSusChem, 2020, 13, 2513-2521.	6.8	70
7	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
8	Metamorphosis of Heterostructured Surfaceâ€Mounted Metalâ€“Organic Frameworks Yielding Record Oxygen Evolution Mass Activities. Advanced Materials, 2021, 33, e2103218.	21.0	43
9	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
10	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
11	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
12	Reconsidering Water Electrolysis: Producing Hydrogen at Cathodes Together with Selective Oxidation of nâ€Butylamine at Anodes. ChemSusChem, 2017, 10, 4812-4816.	6.8	27
13	Advanced Bifunctional Oxygen Reduction and Evolution Electrocatalyst Derived from Surfaceâ€Mounted Metalâ€“Organic Frameworks. Angewandte Chemie, 2020, 132, 5886-5892.	2.0	16
14	Measurement of the mass sensitivity of QCM with ring electrodes using electrodeposition. Electrochemistry Communications, 2020, 116, 106744.	4.7	13
15	Theoretical and experimental identification of active electrocatalytic surface sites. Current Opinion in Electrochemistry, 2019, 14, 206-213.	4.8	12
16	Comparison of the absolute mass sensitivity of ring electrode QCM and standard QCM using electrodeposition. Electrochemistry Communications, 2020, 119, 106826.	4.7	8
17	AktivitÃtssteigerung der Wasserstoffentwicklung von Platinelektroden in alkalischen Medien unter Verwendung von Niâ€Feâ€Clustern. Angewandte Chemie, 2020, 132, 11026-11031.	2.0	8
18	A Systematic Study of the Influence of Electrolyte Ions on the Electrode Activity. ChemElectroChem, 2022, 9, .	3.4	8

#	Article	IF	Citations
19	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