

Xinyu Du

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10571247/publications.pdf>

Version: 2024-02-01

14
papers

818
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1051
citing authors

#	ARTICLE	IF	CITATIONS
1	Remarkable synergistic effect in cobalt-iron nitride/alloy nanosheets for robust electrochemical water splitting. <i>Journal of Energy Chemistry</i> , 2022, 65, 405-414.	12.9	81
2	Toward enhanced oxygen evolution on NaBH ₄ treated Ba _{0.5} Sr _{0.5} Co _{0.8} Fe _{0.2} O _{3-δ} nanofilm: Insights into the facilitated surface reconstruction. <i>Materials Today Energy</i> , 2022, 27, 101046.	4.7	5
3	Multi-Phase Heterostructure of CoNiP/Co _x P for Enhanced Hydrogen Evolution Under Alkaline and Seawater Conditions by Promoting H ₂ O Dissociation. <i>Small</i> , 2021, 17, e2007557.	10.0	83
4	Development of Perovskite Oxide-Based Electrocatalysts for Oxygen Evolution Reaction. <i>Small</i> , 2021, 17, e2101605.	10.0	71
5	Surface reconstruction on silver nanoparticles decorated trimetallic hydroxide nanosheets to generate highly active oxygen-deficient (oxy)hydroxide layer for high-efficient water oxidation. <i>Chemical Engineering Journal</i> , 2021, 425, 131662.	12.7	19
6	Development of Electrocatalysts for Efficient Nitrogen Reduction Reaction under Ambient Condition. <i>Advanced Functional Materials</i> , 2021, 31, 2008983.	14.9	124
7	Development of Perovskite Oxide-Based Electrocatalysts for Oxygen Evolution Reaction (Small) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5</i>	10.0	10
8	Surface Reconstruction and Phase Transition on Vanadium-Cobalt-Iron Trimetal Nitrides to Form Active Oxyhydroxide for Enhanced Electrocatalytic Water Oxidation. <i>Advanced Energy Materials</i> , 2020, 10, 2002464.	19.5	155
9	2D materials: Excellent substrates for surface-enhanced Raman scattering (SERS) in chemical sensing and biosensing. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 130, 115983.	11.4	66
10	Oxygen Evolution Reaction: Surface Reconstruction and Phase Transition on Vanadium-Cobalt-Iron Trimetal Nitrides to Form Active Oxyhydroxide for Enhanced Electrocatalytic Water Oxidation (Adv.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	10.0	10
11	PLD-fabricated perovskite oxide nanofilm as efficient electrocatalyst with highly enhanced water oxidation performance. <i>Applied Catalysis B: Environmental</i> , 2020, 272, 119046.	20.2	29
12	Vertically-aligned 1T/2H-MS ₂ (M=Mo, W) nanosheets for surface-enhanced Raman scattering with long-term stability and large-scale uniformity. <i>Applied Surface Science</i> , 2020, 527, 146769.	6.1	33
13	A Mn ₃ O ₄ nano-wall array based binder-free cathode for high performance lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 6447-6454.	10.3	55
14	Facile Formation of a Solid Electrolyte Interface as a Smart Blocking Layer for High-Stability Sulfur Cathode. <i>Advanced Materials</i> , 2017, 29, 1700273.	21.0	83