

Chun-Lung Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11060339/publications.pdf>

Version: 2024-02-01

24
papers

821
citations

471509

17
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

915
citing authors

#	ARTICLE	IF	CITATIONS
1	In-situ grown metal-organic framework-derived carbon-coated Fe-doped cobalt oxide nanocomposite on fluorine-doped tin oxide glass for acidic oxygen evolution reaction. Applied Catalysis B: Environmental, 2022, 303, 120899.	20.2	35
2	Pulse electrodeposited FeCoNiMnW high entropy alloys as efficient and stable bifunctional electrocatalysts for acidic water splitting. Chemical Engineering Journal, 2022, 446, 137452.	12.7	37
3	Triple functionalization of carved N-doped carbon nanoboxes with synergistic trimetallic sulphide for high performance lithium-sulphur batteries. Journal of Materials Chemistry A, 2021, 9, 9028-9037.	10.3	20
4	Gold nanocrystal decorated trimetallic metal organic frameworks as high performance electrocatalysts for oxygen evolution reaction. Applied Catalysis B: Environmental, 2021, 286, 119916.	20.2	45
5	(Ni _x Fe _y Co _{6-x-y})Mo ₆ C cuboids as outstanding bifunctional electrocatalysts for overall water splitting. Applied Catalysis B: Environmental, 2021, 290, 120049.	20.2	47
6	Hollow Porous Fe_2O_3 Nanoparticles as Anode Materials for High-Performance Lithium-Ion Capacitors. ACS Sustainable Chemistry and Engineering, 2021, 9, 1180-1192.	6.7	38
7	Twinning Enhances Efficiencies of Metallic Catalysts toward Electrolytic Water Splitting. Advanced Energy Materials, 2021, 11, 2101827.	19.5	24
8	Twinning Enhances Efficiencies of Metallic Catalysts toward Electrolytic Water Splitting (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	19.5	3
9	NiFeMo alloy inverse-opals on Ni foam as outstanding bifunctional catalysts for electrolytic water splitting of ultra-low cell voltages at high current densities. Applied Catalysis B: Environmental, 2020, 267, 118376.	20.2	77
10	Composition-balanced trimetallic MOFs as ultra-efficient electrocatalysts for oxygen evolution reaction at high current densities. Applied Catalysis B: Environmental, 2020, 279, 119375.	20.2	102
11	Nitrogen-doped carbon nanoboxes as high rate capability and long-life anode materials for high-performance Li-ion capacitors. Chemical Engineering Journal, 2020, 396, 125314.	12.7	41
12	Small highly mesoporous silicon nanoparticles for high performance lithium ion based energy storage. Chemical Engineering Journal, 2020, 400, 125958.	12.7	32
13	Bimetallic Metal-Organic Framework-Derived Hybrid Nanostructures as High-Performance Catalysts for Methane Dry Reforming. ACS Applied Materials & Interfaces, 2020, 12, 15183-15193.	8.0	67
14	Alkaline Water Splitting: NiFe/(Ni,Fe) ₃ S ₂ Core/Shell Nanowire Arrays as Outstanding Catalysts for Electrolytic Water Splitting at High Current Densities (Small Methods) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	8.0	1
15	N-Doped Hierarchical Continuous Hollow Thin Porous Carbon Nanostructure for High-Performance Flexible Gel-Type Symmetric Supercapacitors. ACS Sustainable Chemistry and Engineering, 2019, 7, 17020-17029.	6.7	9
16	Porous N-doped carbon nanostructure integrated with mesh current collector for Li-ion based energy storage. Chemical Engineering Journal, 2019, 374, 201-210.	12.7	24
17	Enhanced photolysis stability of Cu ₂ O grown on Cu nanowires with nanoscale twin boundaries. Nanoscale, 2019, 11, 13709-13713.	5.6	26
18	NiFe Alloy Nanotube Arrays as Highly Efficient Bifunctional Electrocatalysts for Overall Water Splitting at High Current Densities. ACS Applied Materials & Interfaces, 2019, 11, 24096-24106.	8.0	85

#	ARTICLE	IF	CITATIONS
19	NiFe/(Ni,Fe) ₃ S ₂ Core/Shell Nanowire Arrays as Outstanding Catalysts for Electrolytic Water Splitting at High Current Densities. <i>Small Methods</i> , 2019, 3, 1900234.	8.6	28
20	In-Situ Grown, Passivator-Modulated Anodization Derived Synergistically Well-Mixed Ni-Fe Oxides from Ni Foam as High-Performance Oxygen Evolution Reaction Electrocatalyst. <i>ACS Applied Energy Materials</i> , 2019, 2, 743-753.	5.1	34
21	Suppression of interdiffusion-induced voiding in oxidation of copper nanowires with twin-modified surface. <i>Nature Communications</i> , 2018, 9, 340.	12.8	25
22	Chemical reactivity of twin-modified copper nanowire surfaces. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	14
23	Enhancing Chemical Stability of Electroplated Cu Films by Engineering Electrolyte Chemistry and Twinning Structure. <i>Journal of Electronic Materials</i> , 2015, 44, 2529-2535.	2.2	0
24	Morphology, Texture and Twinning Structure of Cu Films Prepared by Low-Temperature Electroplating. <i>Journal of the Electrochemical Society</i> , 2013, 160, D3070-D3074.	2.9	7