

Chang Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6017029/publications.pdf>

Version: 2024-02-01

20
papers

1,271
citations

623734

14
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

1975
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron-based nanoparticles embedded in nitrogen-doped carbon nanofibers towards efficient oxygen reduction for zinc-air batteries. <i>Catalysis Today</i> , 2022, 400-401, 115-123.	4.4	3
2	Oxygen evolution reaction over catalytic single-site Co in a well-defined brookite TiO ₂ nanorod surface. <i>Nature Catalysis</i> , 2021, 4, 36-45.	34.4	189
3	Electrocatalytic Water Oxidation by a Trinuclear Copper(II) Complex. <i>ACS Catalysis</i> , 2021, 11, 7223-7240.	11.2	35
4	Noncovalent Immobilization of Pentamethylcyclopentadienyl Iridium Complexes on Ordered Mesoporous Carbon for Electrocatalytic Water Oxidation. <i>Small Science</i> , 2021, 1, 2100037.	9.9	7
5	Effect of Ni particle size on the production of renewable methane from CO ₂ over Ni/CeO ₂ catalyst. <i>Journal of Energy Chemistry</i> , 2021, 61, 602-611.	12.9	51
6	Reversing sintering effect of Ni particles on ¹³ Mo ₂ N via strong metal support interaction. <i>Nature Communications</i> , 2021, 12, 6978.	12.8	58
7	Immobilization of π -Capping Arene-Cobalt(II) Complexes on Ordered Mesoporous Carbon for Electrocatalytic Water Oxidation. <i>ACS Catalysis</i> , 2021, 11, 15068-15082.	11.2	8
8	Effects of Additives on Catalytic Arene C-H Activation: Study of Rh Catalysts Supported by Bis-phosphine Pincer Ligands. <i>Organometallics</i> , 2020, 39, 3918-3935.	2.3	4
9	Two-Dimensional Metal Organic Framework Nanosheets as Bifunctional Catalyst for Electrochemical and Photoelectrochemical Water Oxidation. <i>Frontiers in Chemistry</i> , 2020, 8, 604239.	3.6	12
10	22% Efficiency Inverted Perovskite Photovoltaic Cell Using Cation-Doped Brookite TiO ₂ Top Buffer. <i>Advanced Science</i> , 2020, 7, 2001285.	11.2	43
11	Styrene Production from Benzene and Ethylene Catalyzed by Palladium(II): Enhancement of Selectivity toward Styrene via Temperature-dependent Vinyl Ester Consumption. <i>Organometallics</i> , 2019, 38, 3532-3541.	2.3	15
12	Mechanistic Studies of Single-Step Styrene Production Catalyzed by Rh Complexes with Diimine Ligands: An Evaluation of the Role of Ligands and Induction Period. <i>ACS Catalysis</i> , 2019, 9, 7457-7475.	11.2	23
13	Generalized Synthetic Strategy for Transition-Metal-Doped Brookite-Phase TiO ₂ Nanorods. <i>Journal of the American Chemical Society</i> , 2019, 141, 16548-16552.	13.7	78
14	Bimetallic Composition-Promoted Electrocatalytic Hydrodechlorination Reaction on Silver-Palladium Alloy Nanoparticles. <i>ACS Catalysis</i> , 2019, 9, 10803-10811.	11.2	115
15	Revealing structural evolution of PbS nanocrystal catalysts in electrochemical CO ₂ reduction using <i>in situ</i> synchrotron radiation X-ray diffraction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 23775-23780.	10.3	24
16	Bimetallic synergy in cobalt-palladium nanocatalysts for CO oxidation. <i>Nature Catalysis</i> , 2019, 2, 78-85.	34.4	195
17	Synthesis of freestanding amorphous giant carbon tubes with outstanding oil sorption and water oxidation properties. <i>Journal of Materials Chemistry A</i> , 2018, 6, 3996-4002.	10.3	19
18	Fabrication of hierarchical porous nickel based metal-organic framework (Ni-MOF) constructed with nanosheets as novel pseudo-capacitive material for asymmetric supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2018, 518, 57-68.	9.4	284

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19	Fabrication of hierarchical MoO ₃ @PPy core-shell nanobelts and worm-like-MWNTs@MnO ₂ core-shell materials for high-performance asymmetric supercapacitor. Journal of Materials Science, 2018, 53, 5255-5269.	3.7	37
20	Favorable Core/Shell Interface within Co ₂ P/Pt Nanorods for Oxygen Reduction Electrocatalysis. Nano Letters, 2018, 18, 7870-7875.	9.1	68