

Jiangquan Lv

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9388292/publications.pdf>

Version: 2024-02-01

23
papers

1,170
citations

623734

14
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

1729
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoelectrochemical energy storage materials: design principles and functional devices towards direct solar to electrochemical energy storage. <i>Chemical Society Reviews</i> , 2022, 51, 1511-1528.	38.1	113
2	Interfacial Assemble of Prussian Blue Analog to Access Hierarchical FeNi (oxy)-Hydroxide Nanosheets for Electrocatalytic Water Splitting. <i>Frontiers in Chemistry</i> , 2022, 10, 895168.	3.6	0
3	Stepwise chemical oxidation to access ultrathin metal (oxy)-hydroxide nanosheets for the oxygen evolution reaction. <i>Nanoscale</i> , 2021, 13, 15755-15762.	5.6	11
4	A Novel Ni/ZnO/Cu Composite Electrode with High Sensitivity for Detection of Chemical Oxygen Demand. <i>Surfaces and Interfaces</i> , 2021, 24, 101091.	3.0	1
5	Co ₉ S ₈ integrated into nitrogen/sulfur dual-doped carbon nanofibers as an efficient oxygen bifunctional electrocatalyst for Zn-air batteries. <i>Sustainable Energy and Fuels</i> , 2020, 4, 1093-1098.	4.9	15
6	Boosting water oxidation activity by tuning the proton transfer process of cobalt phosphonates in neutral solution. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 14255-14260.	2.8	3
7	Mixed-metallic Cu(I)-Ag(I) iodide based inorganic-organic hybrid: substitution-induced band-gap enlargement and emission enhancement. <i>Inorganic Chemistry Communication</i> , 2020, 119, 108057.	3.9	1
8	Cobalt single-atoms anchored on porphyrinic triazine-based frameworks as bifunctional electrocatalysts for oxygen reduction and hydrogen evolution reactions. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1252-1259.	10.3	152
9	Conductive metal-organic framework nanowire arrays for electrocatalytic oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10431-10438.	10.3	115
10	Rechargeable Zn-CO ₂ Electrochemical Cells Mimicking Two-Step Photosynthesis. <i>Advanced Materials</i> , 2019, 31, e1807807.	21.0	87
11	Robust and Highly Active FeNi@NCNT Nanowire Arrays as Integrated Air Electrode for Flexible Solid-State Rechargeable Zn-Air Batteries. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701448.	3.7	70
12	A photo-responsive bifunctional electrocatalyst for oxygen reduction and evolution reactions. <i>Nano Energy</i> , 2018, 43, 130-137.	16.0	105
13	Frontispiz: Reversible Aqueous Zinc-CO ₂ Batteries Based on CO ₂ -HCOOH Interconversion. <i>Angewandte Chemie</i> , 2018, 130, .	2.0	0
14	Frontispiece: Reversible Aqueous Zinc-CO ₂ Batteries Based on CO ₂ -HCOOH Interconversion. <i>Angewandte Chemie - International Edition</i> , 2018, 57, .	13.8	1
15	Reversible Aqueous Zinc-CO ₂ Batteries Based on CO ₂ -HCOOH Interconversion. <i>Angewandte Chemie</i> , 2018, 130, 17242-17247.	2.0	13
16	Reversible Aqueous Zinc-CO ₂ Batteries Based on CO ₂ -HCOOH Interconversion. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16996-17001.	13.8	108
17	Direct Solar-Driven Electrochemical Energy Storage in a Functionalized Covalent Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12716-12720.	13.8	184
18	Direct Solar-Driven Electrochemical Energy Storage in a Functionalized Covalent Organic Framework. <i>Angewandte Chemie</i> , 2018, 130, 12898-12902.	2.0	56

#	ARTICLE	IF	CITATIONS
19	Highly exposed Fe ^{N₄} active sites in porous poly-iron-phthalocyanine based oxygen reduction electrocatalyst with ultrahigh performance for air cathode. Dalton Transactions, 2017, 46, 1803-1810.	3.3	32
20	Co-intercalation of multiple active units into graphene by pyrolysis of hydrogen-bonded precursors for zinc-air batteries and water splitting. Journal of Materials Chemistry A, 2017, 5, 20882-20891.	10.3	34
21	Si-C-F decorated porous carbon materials: A new class of electrocatalysts for the oxygen reduction reaction. Journal of Materials Chemistry A, 2016, 4, 7924-7929.	10.3	39
22	Scalable synthesis of nano-sandwich N-doped carbon materials with hierarchical-structure for energy conversion and storage. RSC Advances, 2016, 6, 93318-93324.	3.6	12
23	Sandwich-type porous carbon/sulfur/polyaniline composite as cathode material for high-performance lithium-sulfur batteries. RSC Advances, 2016, 6, 104591-104596.	3.6	18