

Zhiyu Lin

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

936
citations

840776

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1199594

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12
times ranked

1555
citing authors

#	ARTICLE	IF	CITATIONS
1	O ² , N ² -Coordinated Mn Cofactors within a Graphene Framework as Bioinspired Oxygen Reduction Reaction Electrocatalysts. <i>Advanced Materials</i> , 2018, 30, e1801732.	21.0	239
2	Tuning the Activity of Carbon for Electrocatalytic Hydrogen Evolution via an Iridium-Cobalt Alloy Core Encapsulated in Nitrogen-Doped Carbon Cages. <i>Advanced Materials</i> , 2018, 30, 1705324.	21.0	211
3	Ultrasmall Ru/Cu-doped RuO ₂ Complex Embedded in Amorphous Carbon Skeleton as Highly Active Bifunctional Electrocatalysts for Overall Water Splitting. <i>Small</i> , 2018, 14, e1803009.	10.0	151
4	Tuning the p-Orbital Electron Structure of s-Block Metal Ca Enables a High-Performance Electrocatalyst for Oxygen Reduction. <i>Advanced Materials</i> , 2021, 33, e2107103.	21.0	71
5	Dual Graphitic-N Doping in a Six-Membered C-Ring of Graphene-Analogous Particles Enables an Efficient Electrocatalyst for the Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16973-16980.	13.8	54
6	Incorporation of Cu-N _x cofactors into graphene encapsulated Co as biomimetic electrocatalysts for efficient oxygen reduction. <i>Nanoscale</i> , 2018, 10, 21076-21086.	5.6	47
7	Metallic 1T phase MoS ₂ nanosheets decorated hollow cobalt sulfide polyhedra for high-performance lithium storage. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12613-12622.	10.3	46
8	Atomically Dispersed Mn within Carbon Frameworks as High-Performance Oxygen Reduction Electrocatalysts for Zinc-Air Battery. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 427-434.	6.7	43
9	Rapid Adsorption Enables Interface Engineering of PdMnCo Alloy/Nitrogen-Doped Carbon as Highly Efficient Electrocatalysts for Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38419-38427.	8.0	34
10	N and O multi-coordinated vanadium single atom with enhanced oxygen reduction activity. <i>Journal of Colloid and Interface Science</i> , 2021, 594, 466-473.	9.4	17
11	Structural engineering of sulfur-doped carbon encapsulated bismuth sulfide core-shell structure for enhanced potassium storage performance. <i>Nano Research</i> , 2021, 14, 3545-3551.	10.4	16
12	Dual Graphitic-N Doping in a Six-Membered C-Ring of Graphene-Analogous Particles Enables an Efficient Electrocatalyst for the Hydrogen Evolution Reaction. <i>Angewandte Chemie</i> , 2019, 131, 17129-17136.	2.0	7