

Guanzhi Wang

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

711
citations

687220

13
h-index

1125617

13
g-index

15
all docs

15
docs citations

15
times ranked

759
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual Doping and Synergism toward High-Performance Seawater Electrolysis. <i>Advanced Materials</i> , 2021, 33, e2101425.	11.1	161
2	Improving Pd-Ni-C fuel cell electrocatalysts through fluorination-driven rearrangements of local coordination environment. <i>Nature Energy</i> , 2021, 6, 1144-1153.	19.8	108
3	N, P-doped CoS ₂ Embedded in TiO ₂ Nanoporous Films for Zn-Air Batteries. <i>Advanced Functional Materials</i> , 2018, 28, 1804540.	7.8	93
4	Programmable Exposure of Pt Active Facets for Efficient Oxygen Reduction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15848-15854.	7.2	81
5	Porous FeCo Glassy Alloy as Bifunctional Support for High-Performance Zn-Air Battery. <i>Advanced Energy Materials</i> , 2021, 11, 2002204.	10.2	55
6	Recent Advances in Electrode Design for Rechargeable Zinc-Air Batteries. <i>Small Science</i> , 2021, 1, 2100044.	5.8	47
7	CO ₂ Bubble-Assisted Pt Exposure in PtFeNi Porous Film for High-Performance Zinc-Air Battery. <i>Journal of the American Chemical Society</i> , 2021, 143, 11595-11601.	6.6	34
8	Significantly Improved Cyclability of Conversion-Type Transition Metal Oxyfluoride Cathodes by Homologous Passivation Layer Reconstruction. <i>Advanced Energy Materials</i> , 2020, 10, 1903333.	10.2	33
9	Stable Fe ₂ P ₂ S ₆ Nanocrystal Catalyst for High-Efficiency Water Electrolysis. <i>Small Methods</i> , 2020, 4, 1900632.	4.6	29
10	Anode Materials: Stabilization of Sn Anode through Structural Reconstruction of a Cu-Sn Intermetallic Coating Layer (<i>Adv. Mater.</i> 42/2020). <i>Advanced Materials</i> , 2020, 32, 2070319.	11.1	20
11	Interface-engineered hematite nanocones as binder-free electrodes for high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13968-13974.	5.2	18
12	Atomically dispersed catalysts for small molecule electrooxidation in direct liquid fuel cells. <i>Journal of Energy Chemistry</i> , 2022, 68, 439-453.	7.1	18
13	Programmable Exposure of Pt Active Facets for Efficient Oxygen Reduction. <i>Angewandte Chemie</i> , 2019, 131, 15995-16001.	1.6	14
14	Zn-Air Batteries: N, P-doped CoS ₂ Embedded in TiO ₂ Nanoporous Films for Zn-Air Batteries (<i>Adv. Funct. Mater.</i>)	7.8	10