Tang Tang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5508419/publications.pdf

Version: 2024-02-01

36	3,818	236612	344852
papers	citations	25 h-index	36 g-index

36	36	36	4567
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synergistic Electrocatalysts for Alkaline Hydrogen Oxidation and Evolution Reactions. Advanced Functional Materials, 2022, 32, 2107479.	7.8	66
2	Electrocatalytic Hydrogen Oxidation in Alkaline Media: From Mechanistic Insights to Catalyst Design. ACS Nano, 2022, 16, 5153-5183.	7.3	46
3	Rational design of integrated electrodes for advancing high-rate alkaline electrolytic hydrogen production. Journal of Materials Chemistry A, 2022, 10, 12764-12787.	5.2	10
4	Regulating surface Inâ€“O in In@InO core-shell nanoparticles for boosting electrocatalytic CO2 reduction to formate. Chinese Journal of Catalysis, 2022, 43, 1674-1679.	6.9	17
5	Recent Advances on Nonprecious-Metal-Based Bifunctional Oxygen Electrocatalysts for Zincâ€“Air Batteries. Energy & Fuels, 2021, 35, 6380-6401.	2.5	48
6	Molecular Linking Stabilizes Bi Nanoparticles for Efficient Electrochemical Carbon Dioxide Reduction. Journal of Physical Chemistry C, 2021, 125, 12699-12706.	1.5	6
7	Well-defined heteronuclear bimetallic atomic clusters: Emerging electrocatalysts. Fundamental Research, 2021, 1, 461-465.	1.6	10
8	Confinement Strategies for Precise Synthesis of Efficient Electrocatalysts from the Macroscopic to the Atomic Level. Accounts of Materials Research, 2021, 2, 907-919.	5.9	46
9	Effects of andrographolide on renal tubulointersticial injury and fibrosis. Evidence of its mechanism of action. Phytomedicine, 2021, 91, 153650.	2.3	16
10	Integration of single Co atoms and Ru nanoclusters boosts the cathodic performance of nitrogen-doped 3D graphene in lithiumâ€“oxygen batteries. Journal of Materials Chemistry A, 2021, 9, 10747-10757.	5.2	31
11	Advanced transition metal/nitrogen/carbon-based electrocatalysts for fuel cell applications. Science China Chemistry, 2020, 63, 1517-1542.	4.2	56
12	Molecularly Engineered Strong Metal Oxideâ€“Support Interaction Enables Highly Efficient and Stable CO₂ Electroreduction. ACS Catalysis, 2020, 10, 13227-13235.	5.5	94
13	Regulating the charge diffusion of two-dimensional cobaltâ€“iron hydroxide/graphene composites for high-rate water oxidation. Journal of Materials Chemistry A, 2020, 8, 11573-11581.	5.2	18
14	Synergistic Modulation of Non-Precious-Metal Electrocatalysts for Advanced Water Splitting. Accounts of Chemical Research, 2020, 53, 1111-1123.	7.6	315
15	Metastable Rock Salt Oxide-Mediated Synthesis of High-Density Dual-Protected M@NC for Long-Life Rechargeable Zincâ€“Air Batteries with Record Power Density. Journal of the American Chemical Society, 2020, 142, 7116-7127.	6.6	147
16	Rationally Designed Three-Dimensional N-Doped Graphene Architecture Mounted with Ru Nanoclusters as a High-Performance Air Cathode for Lithiumâ€“Oxygen Batteries. ACS Sustainable Chemistry and Engineering, 2020, 8, 6109-6117.	3.2	28
17	Phosphorus-doping activates carbon nanotubes for efficient electroreduction of nitrogen to ammonia. Nano Research, 2020, 13, 1376-1382.	5.8	61
18	Fe-doped Co₃O₄ polycrystalline nanosheets as a binder-free bifunctional cathode for robust and efficient zincâ€“air batteries. Chemical Communications, 2020, 56, 5374-5377.	2.2	36

#	Article	IF	Citations
19	Engineering Mo/Mo₂C/MoC hetero-interfaces for enhanced electrocatalytic nitrogen reduction. Journal of Materials Chemistry A, 2020, 8, 8920-8926.	5.2	54
20	Recent Progress in Proton-Exchange Membrane Fuel Cells Based on Metal-Nitrogen-Carbon Catalysts. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2020, .	2.2	21
21	Autogenous Growth of Hierarchical NiFe(OH)_x/FeS Nanosheetâ€Onâ€Microsheet Arrays for Synergistically Enhanced Highâ€Output Water Oxidation. Advanced Functional Materials, 2019, 29, 1902180.	7.8	179
22	Hetero-coupling of a carbonate hydroxide and sulfide for efficient and robust water oxidation. Journal of Materials Chemistry A, 2019, 7, 21959-21965.	5.2	28
23	Se-Doping Activates FeOOH for Cost-Effective and Efficient Electrochemical Water Oxidation. Journal of the American Chemical Society, 2019, 141, 7005-7013.	6.6	460
24	When MoS2 meets FeOOH: A â€œone-stone-two-birdsâ€™â€™ heterostructure as a bifunctional electrocatalyst for efficient alkaline water splitting. Applied Catalysis B: Environmental, 2019, 244, 1004-1012.	10.8	144
25	Self-terminated activation for high-yield production of N,P-codoped nanoporous carbon as an efficient metal-free electrocatalyst for Zn-air battery. Carbon, 2018, 128, 97-105.	5.4	69
26	Kinetically Controlled Coprecipitation for General Fast Synthesis of Sandwiched Metal Hydroxide Nanosheets/Graphene Composites toward Efficient Water Splitting. Advanced Functional Materials, 2018, 28, 1704594.	7.8	91
27	Self-supported metal sulphide nanocrystals-assembled nanosheets on carbon paper as efficient counter electrodes for quantum-dot-sensitized solar cells. Science China Chemistry, 2018, 61, 1338-1344.	4.2	7
28	Selfâ€Limited onâ€Site Conversion of MoO₃ Nanodots into Vertically Aligned Ultrasmall Monolayer MoS₂ for Efficient Hydrogen Evolution. Advanced Energy Materials, 2018, 8, 1800734.	10.2	112
29	Hydrogen Evolution: Self-Limited on-Site Conversion of MoO3 Nanodots into Vertically Aligned Ultrasmall Monolayer MoS2 for Efficient Hydrogen Evolution (Adv. Energy Mater. 21/2018). Advanced Energy Materials, 2018, 8, 1870098.	10.2	1
30	Facile and Scalable Synthesis of Robust Ni(OH)₂ Nanoplate Arrays on NiAl Foil as Hierarchical Active Scaffold for Highly Efficient Overall Water Splitting. Advanced Science, 2017, 4, 1700084.	5.6	85
31	Crystallinityâ€Modulated Electrocatalytic Activity of a Nickel(II) Borate Thin Layer on Ni₃B for Efficient Water Oxidation. Angewandte Chemie, 2017, 129, 6672-6677.	1.6	34
32	Crystallinityâ€Modulated Electrocatalytic Activity of a Nickel(II) Borate Thin Layer on Ni₃B for Efficient Water Oxidation. Angewandte Chemie - International Edition, 2017, 56, 6572-6577.	7.2	271
33	Electronic and Morphological Dual Modulation of Cobalt Carbonate Hydroxides by Mn Doping toward Highly Efficient and Stable Bifunctional Electrocatalysts for Overall Water Splitting. Journal of the American Chemical Society, 2017, 139, 8320-8328.	6.6	745
34	Facile Synthesis of <scp>Mo₂C</scp> Nanocrystals Embedded in Nanoporous Carbon Network for Efficient Hydrogen Evolution. Chinese Journal of Chemistry, 2017, 35, 911-917.	2.6	12
35	Selfâ€Templated Fabrication of MoNi₄/MoO_{3â€“}_x Nanorod Arrays with Dual Active Components for Highly Efficient Hydrogen Evolution. Advanced Materials, 2017, 29, 1703311.	11.1	437
36	Synthesis of periodic copolymers via ringâ€opening copolymerizations of cyclic anhydrides with tetrahydrofuran using nonafluorobutanesulfonimide as an organic catalyst and subsequent transformation to aliphatic polyesters. Journal of Polymer Science Part A, 2012, 50, 3171-3183.	2.5	17