Yang Yang

List of Publications by Year
in descending order

36 papers	1,367 citations	430874 18 h-index	361022 35 g-index
37 all docs	37 docs citations	37 times ranked	2501 citing authors

#	Article	IF	Citations
1	Controlled aggregation of phytic acid metal complex on polysulfone ultrafiltration membrane toward simultaneous rejection of highly emulsified oils and dyes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 641, 128568.	4.7	10
2	Boosting Synergy of Polymetal Phosphides by Coreâ€Shell Design of Prussian Blue Analogue Precursors as Electrocatalysts for Water Splitting. ChemCatChem, 2022, 14, .	3.7	5
3	Growth and Photocatalytic Activities of Porous ZnO/TiO2 Composite Microspheres with Crystallineâ€“Amorphous Phase Boundary. Catalysis Letters, 2021, 151, 1937-1947.	2.6	9
4	Spacing prior to decorating TiO₂ nanowires with dewetted Au nanoparticles for boosting photoelectrochemical water oxidation. CrystEngComm, 2021, 23, 6551-6558.	2.6	3
5	Rational Assembly of Superstructure Microparticles into Mosaicâ€Like Highly Oriented Monolayer for Glucoseâ€Responsive Electrodes. Advanced Materials Interfaces, 2021, 8, 2100433.	3.7	0
6	Ligand-free Au nanoclusters/g-C3N4 ultra-thin nanosheets composite photocatalysts for efficient visible-light-driven photocatalytic H2 generation. Journal of Materials Science, 2021, 56, 13736-13751.	3.7	4
7	Phosphateâ€Assisted Dispersion of Iron Phosphide in Carbon Nanosheets towards Efficient and Durable ORR Catalysts in Acidic and Alkaline Media. ChemCatChem, 2021, 13, 4431-4441.	3.7	8
8	Enhanced activity towards oxygen electrocatalysis for rechargeable Znâ€“air batteries by alloying Fe and Co in N-doped carbon. Dalton Transactions, 2021, 50, 16185-16190.	3.3	6
9	Optimization of Catalytic Sites in Cobaltâ€Modified Nitrogenâ€Doped Carbon towards Highâ€Performance Oxygen Reduction Electrocatalysts for Zincâ€Air Batteries. ChemElectroChem, 2020, 7, 421-427.	3.4	11
10	Hybrid Molybdenum Carbide/Heteroatom-Doped Carbon Electrocatalyst for Advanced Oxygen Evolution Reaction in Hydrogen Production. Catalysts, 2020, 10, 1290.	3.5	10
11	Coreâ€“Shell TiO₂@Au₂₅/TiO₂ Nanowire Arrays Photoanode for Efficient Photoelectrochemical Full Water Splitting. Industrial & Engineering Chemistry Research, 2020, 59, 14224-14233.	3.7	30
12	Enhancing Water Oxidation Activity by Tuning Two-Dimensional Architectures and Compositions on CoMo Hydr(oxy)oxide. Journal of Physical Chemistry C, 2020, 124, 16879-16887.	3.1	11
13	Seeded growth of ZnO nanowires in dye-containing solution: the submerged plant analogy and its application in photodegradation of dye pollutants. CrystEngComm, 2020, 22, 4154-4161.	2.6	8
14	Insights on boosting oxygen evolution reaction performance via boron incorporation into nitrogen-doped carbon electrocatalysts. Applied Surface Science, 2020, 528, 146979.	6.1	18
15	Less is more: Enhancement of photocatalytic activity of g-C3N4 nanosheets by site-selective atomic layer deposition of TiO2. Applied Surface Science, 2019, 494, 508-518.	6.1	20
16	Cu-MOF assisted synthesis of CuS/CdS(H)/CdS(C): Enhanced photocatalytic hydrogen production under visible light. International Journal of Hydrogen Energy, 2019, 44, 30965-30973.	7.1	31
17	Two-dimensional superstructures filled into polysulfone membranes for highly improved ultrafiltration: The case of cuprous iodide nanosheets. Journal of Membrane Science, 2019, 576, 142-149.	8.2	12
18	Improving photoelectrochemical response of ZnO nanowire arrays by coating with p-type ZnO-resembling metalâ€“organic framework. Dalton Transactions, 2019, 48, 9310-9316.	3.3	10

#	Article	IF	Citations
19	One-step synthesis of carbon dots embedded zincone microspheres for luminescent detection and removal of dichromate anions in water. Sensors and Actuators B: Chemical, 2019, 279, 130-137.	7.8	17
20	Enhancing Electron Transfer and Electrocatalytic Activity on Crystalline Carbon-Conjugated g-C₃N₄. ACS Catalysis, 2018, 8, 1926-1931.	11.2	172
21	One-Step Synthesis of Carbon-Hybridized ZnO on Polymeric Foams by Atomic Layer Deposition for Efficient Absorption of Oils from Water. Industrial & Engineering Chemistry Research, 2018, 57, 1269-1276.	3.7	16
22	Surfaceâ€Modified Porous Carbon Nitride Composites as Highly Efficient Electrocatalyst for Znâ€Air Batteries. Advanced Energy Materials, 2018, 8, 1701642.	19.5	129
23	Zero-Dimensional/Two-Dimensional Au₂₅(Cys)₁₈ Nanoclusters/g-C₃N₄ Nanosheets Composites for Enhanced Photocatalytic Hydrogen Production under Visible Light. ACS Sustainable Chemistry and Engineering, 2018, 6, 8447-8457.	6.7	29
24	Morphological Map of ZIF-8 Crystals with Five Distinctive Shapes: Feature of Filler in Mixed-Matrix Membranes on C₃H₆/C₃H₈ Separation. Chemistry of Materials, 2018, 30, 3467-3473.	6.7	94
25	Hybrid-Monomer-Addition Growth Mechanism for Optimal Construction of Mesoporous ZnO Microspheres with Enhanced Visible-Light Photoactivity. Journal of Nanoscience and Nanotechnology, 2018, 18, 7414-7425.	0.9	1
26	N, Pâ€doped CoS₂ Embedded in TiO₂ Nanoporous Films for Znâ€“Air Batteries. Advanced Functional Materials, 2018, 28, 1804540.	14.9	93
27	Crystallization-mediated amorphous CuxO (x = 1, 2)/crystalline CuI pâ€“p type heterojunctions with visible light enhanced and ultraviolet light restrained photocatalytic dye degradation performance. Applied Surface Science, 2017, 402, 31-40.	6.1	15
28	Inducible Sequential Oxidation Process in Water-Soluble Copper Nanoclusters for Direct Colorimetric Assay of Hydrogen Peroxide in a Wide Dynamic and Sampling Range. ACS Applied Materials & Interfaces, 2017, 9, 11035-11044.	8.0	20
29	Spatial separation of photogenerated electronâ€“hole pairs in solution-grown ZnO tandem nâ€“p coreâ€“shell nanowire arrays toward highly sensitive photoelectrochemical detection of hydrogen peroxide. Journal of Materials Chemistry A, 2017, 5, 14397-14405.	10.3	19
30	Periodically Patterned Au-TiO₂ Heterostructures for Photoelectrochemical Sensor. ACS Sensors, 2017, 2, 621-625.	7.8	86
31	Enhanced Corrosion Resistance of PVD-CrN Coatings by ALD Sealing Layers. Nanoscale Research Letters, 2017, 12, 248.	5.7	26
32	Recent advances in the synthesis and catalytic applications of ligand-protected, atomically precise metal nanoclusters. Coordination Chemistry Reviews, 2016, 322, 1-29.	18.8	281
33	Antisolvent Crystallization Approach to Construction of CuI Superstructures with Defined Geometries. ACS Nano, 2013, 7, 2820-2828.	14.6	26
34	Homoepitaxial Branching: An Unusual Polymorph of Zinc Oxide Derived from Seeded Solution Growth. ACS Nano, 2012, 6, 7133-7141.	14.6	47
35	Unexpected Long-Term Instability of ZnO Nanowires â€œProtectedâ€•by a TiO₂ Shell. Journal of the American Chemical Society, 2009, 131, 13920-13921.	13.7	40
36	Superlattice Formation from Polydisperse Ag Nanoparticles by a Vapor-Diffusion Method. Angewandte Chemie - International Edition, 2006, 45, 5662-5665.	13.8	50