Qing Zhu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9229938/publications.pdf

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20 papers	1,124 citations	623734 14 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	2085 citing authors

#	Article	IF	Citations
1	Hydrogenated Oxide Material for Selfâ€Targeting and Automaticâ€Degrading Photothermal Tumor Therapy in the NIRâ€II Bioâ€Window. Advanced Functional Materials, 2022, 32, .	14.9	16
2	Hydrogenated Oxide as Novel Quasi-metallic Cocatalyst for Efficient Visible-Light Driven Photocatalytic Water Splitting. Journal of Physical Chemistry C, 2021, 125, 12672-12681.	3.1	5
3	Facile Removal of Bulk Oxygen Vacancy Defects in Metal Oxides Driven by Hydrogen-Dopant Evaporation. Journal of Physical Chemistry Letters, 2021, 12, 9579-9583.	4.6	1
4	Hydrogenâ€Dopingâ€Induced Metalâ€Like Ultrahigh Freeâ€Carrier Concentration in Metalâ€Oxide Material for Giant and Tunable Plasmon Resonance. Advanced Materials, 2020, 32, e2004059.	21.0	57
5	Photoexcited Electron Dynamics of Nitrogen Fixation Catalyzed by Ruthenium Single-Atom Catalysts. Journal of Physical Chemistry Letters, 2020, 11, 9579-9586.	4.6	32
6	Efficient solar-driven nitrogen fixation over an elemental phosphorus photocatalyst. Catalysis Science and Technology, 2020, 10, 4119-4125.	4.1	11
7	A Hydrogenated Metal Oxide with Full Solar Spectrum Absorption for Highly Efficient Photothermal Water Evaporation. Journal of Physical Chemistry Letters, 2020, 11, 2502-2509.	4.6	44
8	Tunable Hydrogen Doping of Metal Oxide Semiconductors with Acidâ€“Metal Treatment at Ambient Conditions. Journal of the American Chemical Society, 2020, 142, 4136-4140.	13.7	65
9	Transcriptional regulation of virulence factors Spa and ClfB by the SpoVG-Rot cascade in Staphylococcus aureus. International Journal of Medical Microbiology, 2019, 309, 39-53.	3.6	11
10	Bioinformatics and Functional Assessment of Toxin-Antitoxin Systems in Staphylococcus aureus. Toxins, 2018, 10, 473.	3.4	18
11	Combining High Photocatalytic Activity and Stability via Subsurface Defects in TiO₂. Journal of Physical Chemistry C, 2018, 122, 17221-17227.	3.1	27
12	Carbon nanotube/Sâ€“Nâ€“C nanohybrids as high performance bifunctional electrocatalysts for both oxygen reduction and evolution reactions. New Journal of Chemistry, 2015, 39, 6289-6296.	2.8	32
13	Plasmon enhanced photocurrent in strongly coupled Ag@perylene coreâ€“shell nanowires. Journal of Materials Chemistry A, 2015, 3, 12845-12851.	10.3	7
14	Plasmon enhanced visible light photocatalytic activity of ternary Ag₂Mo₂O₇@AgBrâ€“Ag rod-like heterostructures. Journal of Materials Chemistry A, 2015, 3, 14661-14668.	10.3	68
15	The synergistic effect of metallic molybdenum dioxide nanoparticle decorated graphene as an active electrocatalyst for an enhanced hydrogen evolution reaction. Journal of Materials Chemistry A, 2015, 3, 8055-8061.	10.3	85
16	BaTiO₃â€“graphene nanocomposites: synthesis and visible light photocatalytic activity. New Journal of Chemistry, 2015, 39, 4407-4413.	2.8	67
17	Stable blue TiO2â^'x nanoparticles for efficient visible light photocatalysts. Journal of Materials Chemistry A, 2014, 2, 4429.	10.3	295
18	Stable yellow ZnO mesocrystals with efficient visible-light photocatalytic activity. CrystEngComm, 2014, 16, 7906-7913.	2.6	60

#	Article	IF	Citations
19	Highly dispersed platinum nanoparticles generated in viologen micelles with high catalytic activity and stability. Journal of Materials Chemistry A, 2013, 1, 12206.	10.3	25
20	Facile Synthesis of the Novel Ag₃VO₄/AgBr/Ag Plasmonic Photocatalyst with Enhanced Photocatalytic Activity and Stability. Journal of Physical Chemistry C, 2013, 117, 5894-5900.	3.1	198