

# 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	Stable blue TiO <sub>2</sub> <sup>x</sup> nanoparticles for efficient visible light photocatalysts. Journal of Materials Chemistry A, 2014, 2, 4429.	10.3	295
2	Facile Synthesis of the Novel Ag <sub>3</sub> VO <sub>4</sub> /AgBr/Ag Plasmonic Photocatalyst with Enhanced Photocatalytic Activity and Stability. Journal of Physical Chemistry C, 2013, 117, 5894-5900.	3.1	198
3	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
4	Plasmon enhanced visible light photocatalytic activity of ternary Ag <sub>2</sub> Mo <sub>2</sub> O <sub>7</sub> @AgBr@Ag rod-like heterostructures. Journal of Materials Chemistry A, 2015, 3, 14661-14668.	10.3	68
5	BaTiO <sub>3</sub> @graphene nanocomposites: synthesis and visible light photocatalytic activity. New Journal of Chemistry, 2015, 39, 4407-4413.	2.8	67
6	Tunable Hydrogen Doping of Metal Oxide Semiconductors with Acid@Metal Treatment at Ambient Conditions. Journal of the American Chemical Society, 2020, 142, 4136-4140.	13.7	65
7	Stable yellow ZnO mesocrystals with efficient visible-light photocatalytic activity. CrystEngComm, 2014, 16, 7906-7913.	2.6	60
8	Hydrogen@Doping@Induced Metal@Like Ultrahigh Free@Carrier Concentration in Metal@Oxide Material for Giant and Tunable Plasmon Resonance. Advanced Materials, 2020, 32, e2004059.	21.0	57
9	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
10	Carbon nanotube/S@N@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
11	Photoexcited Electron Dynamics of Nitrogen Fixation Catalyzed by Ruthenium Single-Atom Catalysts. Journal of Physical Chemistry Letters, 2020, 11, 9579-9586.	4.6	32
12	Combining High Photocatalytic Activity and Stability via Subsurface Defects in TiO <sub>2</sub> . Journal of Physical Chemistry C, 2018, 122, 17221-17227.	3.1	27
13	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
14	Bioinformatics and Functional Assessment of Toxin-Antitoxin Systems in Staphylococcus aureus. Toxins, 2018, 10, 473.	3.4	18
15	Hydrogenated Oxide Material for Self@Targeting and Automatic@Degrading Photothermal Tumor Therapy in the NIR@Bio@Window. Advanced Functional Materials, 2022, 32, .	14.9	16
16	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
17	Efficient solar-driven nitrogen fixation over an elemental phosphorus photocatalyst. Catalysis Science and Technology, 2020, 10, 4119-4125.	4.1	11
18	Plasmon enhanced photocurrent in strongly coupled Ag@perylene core@shell nanowires. Journal of Materials Chemistry A, 2015, 3, 12845-12851.	10.3	7

#	ARTICLE	IF	CITATIONS
19	Hydrogenated Oxide as Novel Quasi-metallic Cocatalyst for Efficient Visible-Light Driven Photocatalytic Water Splitting. <i>Journal of Physical Chemistry C</i> , 2021, 125, 12672-12681.	3.1	5
20	Facile Removal of Bulk Oxygen Vacancy Defects in Metal Oxides Driven by Hydrogen-Dopant Evaporation. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9579-9583.	4.6	1