Ping She

List of Publications by Year
in descending order

24 papers	611 citations	516710 16 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	1007 citing authors

#	Article	IF	Citations
1	Metalâ€“Organic Frameworks Based on Group 3 and 4 Metals. Advanced Materials, 2020, 32, e2004414.	21.0	69
2	Investigating the size effect of Au nanospheres on the photocatalytic activity of Au-modified ZnO nanorods. Journal of Colloid and Interface Science, 2017, 499, 76-82.	9.4	43
3	One-pot synthesis of Au@TiO2 yolk-shell nanoparticles with enhanced photocatalytic activity under visible light. Journal of Colloid and Interface Science, 2017, 505, 884-891.	9.4	43
4	Spiky TiO₂/Au nanorod plasmonic photocatalysts with enhanced visible-light photocatalytic activity. Dalton Transactions, 2017, 46, 3887-3894.	3.3	42
5	Self-assembly of 2D MnO₂nanosheets into high-purity aerogels with ultralow density. Chemical Science, 2016, 7, 1926-1932.	7.4	40
6	Dualâ€Functional Photocatalysis for Cooperative Hydrogen Evolution and Benzylamine Oxidation Coupling over Sandwichedâ€Like Pd@TiO₂@ZnIn₂S₄ Nanobox. Small, 2022, 18, e2105114.	10.0	40
7	Enhanced photocurrent generation of bio-inspired graphene/ZnO composite films. Journal of Materials Chemistry A, 2015, 3, 12016-12022.	10.3	39
8	Au@TiO2 yolk-shell nanostructures for enhanced performance in both photoelectric and photocatalytic solar conversion. Applied Surface Science, 2018, 441, 458-465.	6.1	36
9	Recent advances in the development of functionalized carbon nanotubes: a versatile vector for drug delivery. Journal of Materials Science, 2014, 49, 6845-6854.	3.7	30
10	Macroscopic porous MnO₂ aerogels for supercapacitor electrodes. Inorganic Chemistry Frontiers, 2016, 3, 1043-1047.	6.0	29
11	Controllable growth of Au@TiO₂ yolkâ€“shell nanoparticles and their geometry parameter effects on photocatalytic activity. New Journal of Chemistry, 2017, 41, 7244-7252.	2.8	29
12	Spatially Separated Bifunctional Cocatalysts Decorated on Hollow-Structured TiO₂ for Enhanced Photocatalytic Hydrogen Generation. ACS Applied Materials & Interfaces, 2020, 12, 23356-23362.	8.0	28
13	Controlled preparation and visible light photocatalytic activities of corn cob-like Auâ€“ZnO nanorods. Journal of Materials Science, 2017, 52, 3478-3489.	3.7	27
14	Bioinspired self-standing macroporous Au/ZnO sponges for enhanced photocatalysis. Journal of Colloid and Interface Science, 2018, 514, 40-48.	9.4	27
15	ZnO nanodisks decorated with Au nanorods for enhanced photocurrent generation and photocatalytic activity. New Journal of Chemistry, 2018, 42, 3315-3321.	2.8	21
16	Spatially separated bimetallic cocatalysts on hollow-structured TiO₂ for photocatalytic hydrogen generation. Materials Chemistry Frontiers, 2020, 4, 1671-1678.	5.9	19
17	Spiky nanohybrids of TiO₂/Au nanorods for enhanced hydrogen evolution and photocurrent generation. Inorganic Chemistry Frontiers, 2018, 5, 626-634.	6.0	9
18	Bioinspired spike-like double yolkâ€“shell structured TiO₂@ZnIn₂S₄ for efficient photocatalytic CO₂ reduction. Catalysis Science and Technology, 2022, 12, 1092-1099.	4.1	9

#	Article	IF	Citations
19	Nature-inspired Three-dimensional Au/Spinach as a Binder-free and Self-standing Cathode for High-performance Li-O2 Batteries. Chemical Research in Chinese Universities, 2022, 38, 200-208.	2.6	7
20	Bio-inspired Spinach-leaf-based Au/ZnO Nanocomposites as Photocatalyst. Journal of Bionic Engineering, 2019, 16, 1080-1091.	5.0	6
21	Bioinspired Selfâ€Supporting Phthalocyanine@ZnIn₂S₄ Foam for Photocatalytic CO₂ Reduction Under Visible Light Irradiation. Advanced Energy and Sustainability Research, 2022, 3, .	5.8	5
22	Low-temperature water-assisted crystallization approach to MOF@TiO₂ coreâ€“shell nanostructures for efficient dye removal. Inorganic Chemistry Frontiers, 2022, 9, 2725-2733.	6.0	5
23	Bimetallic PdCo Nanoparticles Loaded in Amine Modified Polyacrylonitrile Hollow Spheres as Efficient Catalysts for Formic Acid Dehydrogenation. Catalysts, 2022, 12, 33.	3.5	4
24	Phosphorusâ€“Oxygen-Codoped Graphitic Carbon Nitride for Enhanced Hydrogen Evolution and Photocatalytic Degradation under Visible Light Irradiation. ACS Applied Energy Materials, 2022, 5, 5774-5784.	5.1	3