Yonglei Xing

List of Publications by Year
in descending order

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Version: 2024-02-01

		471509	361022
37	1,208	17	35
papers	citations	h-index	g-index

37	37	37	2224
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fabrication of a Z-scheme CeO2/Bi2O4 heterojunction photocatalyst with superior visible-light responsive photocatalytic performance. Journal of Alloys and Compounds, 2022, 909, 164671.	5.5	32
2	Visible-light-responsive NaBiO3/UiO-67 heterojunction with enhanced photocatalytic performance. Materials Science in Semiconductor Processing, 2022, 147, 106708.	4.0	6
3	Facile synthesis of Z-scheme ZnMoO4/Bi2O4 heterojunction photocatalyst for effective removal of levofloxacin. Inorganic Chemistry Communication, 2022, 143, 109763.	3.9	11
4	PbS QD-based photodetectors: future-oriented near-infrared detection technology. Journal of Materials Chemistry C, 2021, 9, 417-438.	5.5	64
5	Fabrication of Z-scheme ZnO/Bi2O4 heterojunction photocatalyst with superior photocatalytic nitrogen fixation under visible light irradiation. Solid State Sciences, 2021, 119, 106709.	3.2	22
6	Bifunctional Electrocatalyst with 0D/2D Heterostructure for Highly Efficient Hydrogen and Oxygen Generation. Chemistry - an Asian Journal, 2020, 15, 2892-2899.	3.3	3
7	One-step synthesis of Ni(OH)₂/MWCNT nanocomposites for constructing a nonenzymatic hydroquinone/O₂fuel cell. RSC Advances, 2020, 10, 39447-39454.	3.6	5
8	Recent Progress on Bismuth-based Nanomaterials for Electrocatalytic Carbon Dioxide Reduction. Chemical Research in Chinese Universities, 2020, 36, 410-419.	2.6	27
9	Enhanced photocatalytic activity of Bi24O31Br10 nanosheets by the photodeposition of Au nanoparticles. Solid State Sciences, 2019, 95, 105921.	3.2	6
10	Construction of Phenol/O₂ Fuel Cell with CuO/MWCNTs Modified Electrode as Anode. Nano, 2019, 14, 1950134.	1.0	2
11	Construction of an NAND logic gate based on molecularly imprinted dual-emission quantum dot composites for the detection of antibiotics. Analytical Methods, 2019, 11, 2033-2040.	2.7	8
12	New insights into photocatalytic mechanism and photoelectrochemical property of bismuth oxybromide heterostructure with DFT investigation. Applied Surface Science, 2018, 458, 464-477.	6.1	13
13	Fabrication of Ag₂Oâ€“Bi₂Sn₂O₇ Heterostructured Nanoparticles for Enhanced Photocatalytic Activity. Journal of Nanoscience and Nanotechnology, 2018, 18, 4306-4310.	0.9	3
14	Bi2O3/Carbon quantum dots heterostructured photocatalysts with enhanced photocatalytic activity. Materials Letters, 2017, 209, 220-223.	2.6	44
15	High-quality Cu2ZnSnS4 and Cu2ZnSnSe4 nanocrystals hybrid with ZnO and NaYF4: Yb, Tm as efficient photocatalytic sensitizers. Applied Catalysis B: Environmental, 2017, 200, 402-411.	20.2	41
16	Effects of ZnS layer on the performance improvement of the photosensitive ZnO nanowire arrays solar cells. Materials Chemistry and Physics, 2016, 178, 139-148.	4.0	5
17	New AgNbO4â˜Î´ compound with high visible light photocatalytic activity. Materials Letters, 2016, 183, 97-100.	2.6	2
18	Synthesis and characterization of ZnO nanospheres sensitized BiOBr plates with enhanced photocatalytic performances. Materials Letters, 2016, 182, 210-213.	2.6	22

#	Article	IF	Citations
19	Enhanced Conversion Efficiencies in Dye-Sensitized Solar Cells Achieved through Self-Assembled Platinum(II) Metallacages. Scientific Reports, 2016, 6, 29476.	3.3	12
20	In2O3/Bi2Sn2O7 heterostructured nanoparticles with enhanced photocatalytic activity. Applied Surface Science, 2016, 387, 36-44.	6.1	50
21	Facile synthesis of ZnO/CuInS2 nanorod arrays for photocatalytic pollutants degradation. Journal of Hazardous Materials, 2016, 317, 430-439.	12.4	69
22	ZnO/TiO2 nanohexagon arrays heterojunction photoanode for enhancing power conversion efficiency in dye-sensitized solar cells. Journal of Alloys and Compounds, 2016, 685, 610-618.	5.5	22
23	Solution-induced morphology change of organic-inorganic hybrid perovskite films for high efficiency inverted planar heterojunction solar cells. Electrochimica Acta, 2016, 191, 750-757.	5.2	27
24	New architecture of a petal-shaped Nb2O5 nanosheet film on FTO glass for high photocatalytic activity. RSC Advances, 2016, 6, 9581-9588.	3.6	22
25	Highly Efficient Flexible Perovskite Solar Cells Using Solution-Derived NiO_x Hole Contacts. ACS Nano, 2016, 10, 3630-3636.	14.6	426
26	Reporting performance in MoS2â€“TiO2 bilayer and heterojunction films based dye-sensitized photovoltaic devices. Journal of Alloys and Compounds, 2016, 672, 481-488.	5.5	18
27	Facile method to prepare copperâ€doped LiNbO 3 nanocrystals. Micro and Nano Letters, 2015, 10, 307-309.	1.3	1
28	Highly bioactive polysiloxane modified bioactive glass-poly(ethylene glycol) hybrids monoliths with controlled surface structure for bone tissue regeneration. Applied Surface Science, 2015, 332, 542-548.	6.1	6
29	Ordered crystalline TiO2 nanohexagon arrays for improving conversion efficiency of dye-sensitized solar cells. Journal of Alloys and Compounds, 2015, 646, 106-111.	5.5	8
30	Content-dependent biomineralization activity and mechanical properties based on polydimethylsiloxaneâ€“bioactive glassâ€“poly(caprolactone) hybrids monoliths for bone tissue regeneration. RSC Advances, 2015, 5, 61309-61317.	3.6	12
31	Novel self-growth photocatalytic rod-like heterojunction for hydrogen production under visible light. Journal of Crystal Growth, 2015, 419, 149-152.	1.5	6
32	Fabrication and stability of opened-end TiO2 nanotube arrays based dye-sensitized solar cells. Ceramics International, 2015, 41, S719-S724.	4.8	9
33	Fabrication of Bi₂Sn₂O₇-ZnO heterostructures with enhanced photocatalytic activity. RSC Advances, 2015, 5, 27576-27583.	3.6	30
34	Fabrication of biomimetic polysiloxane-bioactive glassâ€“chitosan hybrid monoliths with high apatite-forming bioactivity. Ceramics International, 2015, 41, S393-S398.	4.8	6
35	Crack-free polydimethylsiloxaneâ€“bioactive glassâ€“poly(ethylene glycol) hybrid monoliths with controlled biomineralization activity and mechanical property for bone tissue regeneration. Colloids and Surfaces B: Biointerfaces, 2015, 136, 126-133.	5.0	17
36	High efficiency hysteresis-less inverted planar heterojunction perovskite solar cells with a solution-derived NiO_xhole contact layer. Journal of Materials Chemistry A, 2015, 3, 24495-24503.	10.3	130

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37	Bi₂Sn₂O₇â€“TiO₂ nanocomposites for enhancing visible light photocatalytic activity. RSC Advances, 2014, 4, 49900-49907.	3.6	21