

Weiju Zhu

List of Publications by Year in descending order

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22
papers

244
citations

1162367

8
h-index

996533

15
g-index

22
all docs

22
docs citations

22
times ranked

338
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of Hybrid Fluorescent Sensor for Cu ²⁺ Detection Using Fluorescein-functionalized CdS Quantum Dots Via FRET. <i>Journal of Fluorescence</i> , 2022, 32, 1099-1107.	1.3	11
2	Construction of ratio fluorescence sensor based on CdTe quantum dots and benzocoumarin-3-carboxylic acid for Hg ²⁺ detection. <i>Chinese Journal of Analytical Chemistry</i> , 2022, 50, 100070.	0.9	9
3	Carbazole-based colorimetric and fluorescent probe for Cu ²⁺ and its utility in bio-imaging and real water samples. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 106-113.	0.8	4
4	Ag nanoparticle-decorated SiO ₂ @TiO ₂ hierarchical microspheres improve the efficiency of dye-sensitized solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 20104-20114.	1.1	3
5	Carbazole-based dual-functional chemosensor: Colorimetric sensor for Co ²⁺ and fluorescent sensor for Cu ²⁺ and its application. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 2368-2377.	0.8	8
6	Copolymerization of carbon dioxide and propylene oxide catalyzed by two kinds of bifunctional salen-cobalt(III) complexes bearing four quaternary ammonium salts. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 72-79.	0.8	7
7	A dual-function chemosensor based on coumarin for fluorescent turn-on recognition of Hg ²⁺ and colorimetric detection of Cu ²⁺ in aqueous media. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 298-305.	0.8	8
8	AIE-active fluorescent polymeric nanoparticles about dextran derivative: preparation and bioimaging application. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020, 31, 504-518.	1.9	0
9	A highly sensitive naphthalimide-based fluorescent probe for detection of Cu ²⁺ via selective hydrolysis reaction and its application in practical samples. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 1070-1077.	0.8	12
10	A novel turn-on fluorescent probe based on naphthalimide for the tracking of lysosomal Cu ²⁺ in living cells. <i>New Journal of Chemistry</i> , 2020, 44, 21167-21175.	1.4	14
11	Study of electronic effect in bifunctional catalysts for the copolymerization of CO ₂ and PO / CHO. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 1818-1826.	0.8	5
12	MPA-CdTe quantum dots as on-off-sensitive fluorescence probe to detect ascorbic acid via redox reaction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 234, 118249.	2.0	23
13	Silver nanoparticle modified TiO ₂ nanotubes with enhanced the efficiency of dye-sensitized solar cells. <i>Microporous and Mesoporous Materials</i> , 2019, 287, 228-233.	2.2	21
14	Controllable preparation and near infrared optical limiting properties of fluorene-containing polyacetylenes. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46100.	1.3	5
15	Ratiometric Fluorescent Chemosensor for Selective Detection Cr ³⁺ based on Carbazole and Benzimidazole. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 597-602.	0.8	4
16	A unique bifunctional probe for detecting silicate anions and cupric cations: the modified silica nanoparticles and their coordination. <i>Analytical Methods</i> , 2018, 10, 5480-5485.	1.3	2
17	In situ synthesis of C ₃ N ₄ /Bi ₂ S ₃ composites with enhanced photocatalytic degradation performance under visible light irradiation. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 1044-1052.	0.8	13
18	Boron-Doped Graphene/ZnO Nanoflower Heterojunction Composite with Superior Photocatalytic Activity. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 1520-1527.	1.9	5

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19	Hydrothermal oxidation synthesis of rod-like ZnO and the influence of oxygen vacancy on photocatalysis. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 188-194.	0.8	8
20	Difunctional chemosensor for Cu(II) and Zn(II) based on Schiff base modified anthryl derivative with aggregation-induced emission enhancement and piezochromic characteristics. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1994-2002.	2.7	68
21	Synthesis, photophysical and electrochemical properties of two novel carbazole-based dye molecules. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 379-385.	2.0	12
22	Preparation and nonlinear optical properties of two acrylate polymers bearing different long conjugated pendants. <i>Polymer Science - Series A</i> , 2011, 53, 224-231.	0.4	2