

Yi Qu

List of Publications by Year in descending order

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48
papers

1,613
citations

331538

21
h-index

289141

40
g-index

48
all docs

48
docs citations

48
times ranked

2185
citing authors

#	ARTICLE	IF	CITATIONS
1	Colorimetric and Ratiometric Red Fluorescent Chemosensor for Fluoride Ion Based on Diketopyrrolopyrrole. <i>Organic Letters</i> , 2010, 12, 3320-3323.	2.4	290
2	Colorimetric and Ratiometric Near-Infrared Fluorescent Cyanide Chemodosimeter Based on Phenazine Derivatives. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 1317-1326.	4.0	187
3	Efficient and stable organic DSSC sensitizers bearing quinacridone and furan moieties as a planar π -spacer. <i>Journal of Materials Chemistry</i> , 2012, 22, 24356.	6.7	72
4	Fluorescence enhancement of cysteine-rich protein-templated gold nanoclusters using silver(I) ions and its sensing application for mercury(II). <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 342-350.	4.0	61
5	Discovery of a sensitive Cu(II)-cyanide "on-off" sensor based on new C-glycosyl triazolyl bis-amino acid scaffold. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 555-560.	1.5	56
6	Alkyl-triphenylamine end-capped triazines with AIE and large two-photon absorption cross-sections for bioimaging. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6353-6361.	2.7	56
7	A red-emission diketopyrrolopyrrole-based fluoride ion chemosensor with high contrast ratio working in a dual mode: Solvent-dependent ratiometric and "turn on" pathways. <i>Sensors and Actuators B: Chemical</i> , 2012, 173, 225-233.	4.0	53
8	A new triphenylamine fluorescent dye for sensing of cyanide anion in living cell. <i>Tetrahedron Letters</i> , 2013, 54, 4942-4944.	0.7	52
9	Red turn-on fluorescent phenazine-cyanine chemodosimeters for cyanide anion in aqueous solution and its application for cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 833-847.	4.0	51
10	A thermoresponsive fluorescent rotor based on a hinged naphthalimide for a viscometer and a viscosity-related thermometer. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5696-5701.	2.7	50
11	Novel side-chain naphthalimide polyphenylacetylene as a ratiometric fluorescent chemosensor for fluoride ion. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1544-1552.	2.5	49
12	Fluorescent conjugated polymers based on thiocarbonyl quinacridone for sensing mercury ion and bioimaging. <i>Polymer Chemistry</i> , 2014, 5, 3396-3403.	1.9	42
13	A new diketopyrrolopyrrole-based near-infrared (NIR) fluorescent biosensor for BSA detection and AIE-assisted bioimaging. <i>Tetrahedron Letters</i> , 2014, 55, 6998-7001.	0.7	39
14	Diketopyrrolopyrrole-based fluorescent conjugated polymer for application of sensing fluoride ion and bioimaging. <i>Sensors and Actuators B: Chemical</i> , 2014, 197, 13-19.	4.0	37
15	Aggregation-Induced Emission and Large Two-Photon Absorption Cross-Sections of Diketopyrrolopyrrole (DPP) Derivatives. <i>Australian Journal of Chemistry</i> , 2012, 65, 387.	0.5	36
16	Aggregated-induced emission phenothiazine probe for selective ratiometric response of hypochlorite over other reactive oxygen species. <i>Dyes and Pigments</i> , 2016, 128, 54-59.	2.0	36
17	Photostable red turn-on fluorescent diketopyrrolopyrrole chemodosimeters for the detection of cysteine in living cells. <i>Sensors and Actuators B: Chemical</i> , 2015, 211, 275-282.	4.0	35
18	ZIF-67@Se@MnO ₂ : A Novel Co-MOF-Based Composite Cathode for Lithium-Selenium Batteries. <i>Journal of Physical Chemistry C</i> , 2019, 123, 2048-2055.	1.5	35

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19	Tetraphenylethene end-capped [1,2,5]thiadiazolo[3,4-c]pyridine with aggregation-induced emission and large two-photon absorption cross-sections. <i>RSC Advances</i> , 2015, 5, 1500-1506.	1.7	34
20	A red fluorescent "turn-on" chemosensor for Hg ²⁺ based on triphenylamine-triazines derivatives with aggregation-induced emission characteristics. <i>Tetrahedron Letters</i> , 2013, 54, 909-912.	0.7	33
21	4-Phenyl-1,8-naphthalimides: Brightness and tuning emission over widely visible gamut in different aggregated states. <i>Dyes and Pigments</i> , 2018, 148, 99-107.	2.0	22
22	A solothiocarbonyl quinacridone with long chains used as a fluorescent tool for rapid detection of Hg ²⁺ in hydrophobic naphtha samples. <i>Journal of Materials Chemistry A</i> , 2017, 5, 14537-14541.	5.2	22
23	Thiocarbonyl quinacridone-based "turn on" fluorescent chemodosimeters for highly sensitive and selective detection of Hg(II). <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 661-668.	4.0	21
24	Zeolitic-imidazolate framework combined with MnO ₂ as the sulfur host material with excellent performance in lithium-sulfur batteries. <i>Journal of Alloys and Compounds</i> , 2019, 793, 16-23.	2.8	21
25	Dipyridylphenylamine-based chemodosimeter for sulfite with optimizing ratiometric signals via synchronous fluorescence spectroscopy. <i>Dyes and Pigments</i> , 2017, 136, 175-181.	2.0	18
26	Molecular rotor based on dipyridylphenylamine: Near-infrared enhancement emission from restriction of molecular rotation and applications in viscometer and bioprobe. <i>Dyes and Pigments</i> , 2020, 172, 107795.	2.0	17
27	Naphthalimide end-capping molecular rotors with different donor cores: Tuning emission in wide gamut and cell imaging. <i>Dyes and Pigments</i> , 2020, 179, 108431.	2.0	16
28	A tetrasulphite-containing fluorescent chemodosimeter for Hg ²⁺ with optimized selectivity towards Ag ⁺ . <i>Sensors and Actuators B: Chemical</i> , 2018, 269, 70-78.	4.0	15
29	A near-infrared "off" fluorescent and colourimetric cyanide chemodosimeter based on phenothiazine with applications in living cell imaging. <i>RSC Advances</i> , 2014, 4, 59809-59816.	1.7	14
30	Microwave-assisted synthesis of CuC ₂ O ₄ ·xH ₂ O for anode materials in lithium-ion batteries with a high capacity. <i>Ionics</i> , 2020, 26, 33-42.	1.2	14
31	Novel "turn-on" fluorescent chemodosimeters based on thioxanthen-9-thione for the selective detection of mercuric ions in aqueous media. <i>RSC Advances</i> , 2012, 2, 4754.	1.7	13
32	Fluorescence turn-on NapTp in CTAB micelles for efficient detecting ferric ions in aqueous system. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 3102-3107.	4.0	13
33	Syntheses and characterizations of novel pyrrolocoumarin probes for SNAP-tag labeling technology. <i>Tetrahedron</i> , 2011, 67, 2251-2259.	1.0	12
34	A phenazine-based near-infrared (NIR) chemodosimeter for cysteine obtained via a carbonyl-assisted cycloaddition process. <i>RSC Advances</i> , 2016, 6, 22389-22394.	1.7	12
35	The flexibility of side chains for adjusting the emission of 4-aryl-1,8-naphthalimides in aggregation: Spectral study and cell imaging. <i>Chemical Engineering Journal</i> , 2021, 415, 129095.	6.6	12
36	Two fluorophore compounds based on 1, 8-naphthalimide: Synthesis, crystal structure, and optical properties. <i>Journal of Molecular Structure</i> , 2019, 1193, 131-140.	1.8	11

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37	Triphenyl phosphate end-capped dicyanomethylene-4H-pyran as a near infrared fluorescent sensor for lysozyme in urine sample. <i>Sensors and Actuators B: Chemical</i> , 2019, 284, 553-561.	4.0	10
38	Bisnaphthalimide-based fluorescent sensor for detecting alcohol and application in evaluating the liquors. <i>Journal of Luminescence</i> , 2019, 214, 116573.	1.5	7
39	Hairy Fluorescent Nanospheres Based on Polyelectrolyte Brush for Highly Sensitive Determination of Cu(II). <i>Polymers</i> , 2020, 12, 577.	2.0	7
40	Lead-based crystal luminophores: Tuning emissive crystals and application for recording high temperature history with ratiometric and colorimetric signals. <i>Chemical Engineering Journal</i> , 2019, 358, 606-613.	6.6	6
41	A fluorescent molecular sensor based on ESIPT process for rapid detection of arsenic species in hydrophobic system. <i>Journal of Molecular Structure</i> , 2020, 1221, 128824.	1.8	6
42	A lysosome specific ratiometric fluorescent probe for detection of bisulfite ion based on hybrid coumarin-benzimidazolium compounds. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2021, 196, 321-327.	0.8	6
43	Fused dual boron core based BODIPY dyes: synthesis and optical character. <i>Tetrahedron Letters</i> , 2016, 57, 1605-1609.	0.7	5
44	A fluorescent tool for sensing the battery-pollution event in soil samples based on Zn ²⁺ -triggering ratiometric signals. <i>Journal of Molecular Structure</i> , 2021, 1229, 129862.	1.8	5
45	Synthesis and characterization of high thermally stable and good soluble PVK-based polymers with perylene moiety. <i>Journal of Applied Polymer Science</i> , 2008, 110, 1778-1783.	1.3	2
46	Hyperbranched polyynes containing naphthalimide moiety as a fluorescent chemosensor for mercury ion. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2010, 5, 226-233.	0.4	1
47	Novel high-quantum-yield polydiacetylene conjugated AIE micelles for amplified fluorescence signaling and photodynamic therapy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 419, 113461.	2.0	1
48	New bipolar host materials based on isoquinoline and phenylcarbazole for red PhOLEDs. <i>Dyes and Pigments</i> , 2022, 205, 110559.	2.0	0