Yang Qingbiao

List of Publications by Year
in descending order

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48	954	430874	477307
papers	citations	18 h-index	29 g-index

48	48	48	1515
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Porphyrin-functionalized Fe3O4@SiO2 core/shell magnetic colorimetric material for detection, adsorption and removal of Hg2+ in aqueous solution. New Journal of Chemistry, 2011, 35, 2697.	2.8	92
2	A novel reaction-based colorimetric and ratiometric fluorescent sensor for cyanide anion with a large emission shift and high selectivity. Talanta, 2016, 148, 229-236.	5.5	71
3	Fabrication of Au/PVP nanofiber composites by electrospinning. Journal of Applied Polymer Science, 2007, 105, 3618-3622.	2.6	66
4	Colorimetric and fluorescent nanofibrous film as a chemosensor for Hg2+ in aqueous solution prepared by electrospinning and hostâ€“guest interaction. Chemical Communications, 2012, 48, 6040.	4.1	52
5	Electrospun poly(methyl methacrylate) nanofibers and microparticles. Journal of Materials Science, 2010, 45, 1032-1038.	3.7	48
6	A new colorimetric fluorescent sensor for ratiometric detection of cyanide in solution, test strips, and in cells. RSC Advances, 2014, 4, 8295.	3.6	48
7	Colorimetric magnetic microspheres as chemosensor for Cu2+ prepared from adamantane-modified rhodamine and Î²-cyclodextrin-modified Fe3O4@SiO2 via hostâ€“guest interaction. Talanta, 2015, 141, 33-40.	5.5	32
8	A novel â€œturn-onâ€•thiooxofluorescein-based colorimetric and fluorescent sensor for Hg 2+ and its application in living cells. Talanta, 2017, 170, 103-110.	5.5	32
9	A triphenylamine-based colorimetric and â€œturn-onâ€•fluorescent probe for detection of cyanide anions in live cells. RSC Advances, 2015, 5, 47990-47996.	3.6	31
10	Magnetically separable iron oxide nanostructures-TiO2 nanofibers hierarchical heterostructures: controlled fabrication and photocatalytic activity. New Journal of Chemistry, 2011, 35, 1795.	2.8	29
11	A novel ratiometric and reversible fluorescent probe based on naphthalimide for the detection of Al³⁺ and pH with excellent selectivity. New Journal of Chemistry, 2020, 44, 3261-3267.	2.8	28
12	Development of a NIR fluorescent probe for highly selective and sensitive detection of cysteine in living cells and in vivo. Talanta, 2021, 234, 122685.	5.5	24
13	Hyaluronic acid targeted and pH-responsive multifunctional nanoparticles for chemo-photothermal synergistic therapy of atherosclerosis. Journal of Materials Chemistry B, 2022, 10, 562-570.	5.8	24
14	Electrospinning preparation of Î²-cyclodextrin/glutaraldehyde crosslinked PVP nanofibrous membranes to adsorb dye in aqueous solution. Chemical Research in Chinese Universities, 2014, 30, 1057-1062.	2.6	23
15	Regenerable Fluorescent Nanosensors for Monitoring and Recovering Metal Ions Based on Photoactivatable Monolayer Self-Assembly and Hostâ€“Guest Interactions. ACS Applied Materials & Interfaces, 2015, 7, 8868-8875.	8.0	23
16	A new turn-on fluorescent probe towards hypochlorite in living cells. Analytical Methods, 2017, 9, 864-870.	2.7	23
17	Shear stress and ROS-responsive biomimetic micelles for atherosclerosis via ROS consumption. Materials Science and Engineering C, 2021, 126, 112164.	7.3	20
18	Characterization and photoluminescence studies of CdTe nanoparticles before and after transfer from liquid phase to polystyrene. Bulletin of Materials Science, 2009, 32, 487-491.	1.7	19

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19	Preparation of amidoximeâ€modified polyacrylonitrile nanofibrous adsorbents for the extraction of copper(II) and lead(II) ions and dye from aqueous media. Journal of Applied Polymer Science, 2018, 135, 45697.	2.6	19
20	A novel ratiometric fluorescent probe for differential detection of HSO3â¯ and ClOâ¯ and application in cell imaging and tumor recognition. Analytical and Bioanalytical Chemistry, 2021, 413, 1137-1148.	3.7	17
21	Fabrication of largeâ€scale superhydrophobic composite films with enhanced tensile properties by multinozzle conveyor belt electrospinning. Journal of Applied Polymer Science, 2014, 131, .	2.6	16
22	Near-infrared turn-on fluorescent probe for discriminative detection of Cys and application in in vivo imaging. RSC Advances, 2019, 9, 41431-41437.	3.6	16
23	A novel Near-Infrared fluorescent probe for Zn2+ and CNâ€“ double detection based on dicyanoisfluorone derivatives with highly sensitive and selective, and its application in Bioimaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 267, 120621.	3.9	16
24	Preparation and characterization of electrospun Ag/polyacrylonitrile composite nanofibers. Korean Journal of Chemical Engineering, 2011, 28, 1761-1763.	2.7	15
25	Variety of photoluminescence intensity of fluorescent whitening agents introduced into polyacrylonitrile nanofibers. Journal of Applied Polymer Science, 2007, 103, 2382-2386.	2.6	14
26	A Novel Fluorescence Sensor Towards Hydrazine in Living Cells. Chemical Research in Chinese Universities, 2019, 35, 570-576.	2.6	14
27	Synthesis and characterization of multifunctional CdTe/Fe2O3@SiO2 core/shell nanosensors for Hg2+ ions detection. New Journal of Chemistry, 2010, 34, 2996.	2.8	12
28	A simple colorimetric and fluorescent probe with high selectivity towards cysteine over homocysteine and glutathione. RSC Advances, 2017, 7, 18867-18873.	3.6	12
29	Preparation of Î²-cyclodextrin/Fe3O4/polyvinylpyrrolidone composite magnetic microspheres for the adsorption of methyl orange. Chemical Research in Chinese Universities, 2017, 33, 1012-1016.	2.6	12
30	An efficient proline-based homogeneous organocatalyst with recyclability. New Journal of Chemistry, 2018, 42, 827-831.	2.8	12
31	Water-soluble fluorescent probe for simultaneous detection of cyanide, hypochlorite and bisulfite at different emission wavelengths. Analytical Biochemistry, 2020, 591, 113539.	2.4	11
32	Bicomponent AgCl/PVP nanofibre fabricated by electrospinning with gel-sol method. Bulletin of Materials Science, 2009, 32, 161-164.	1.7	10
33	A ROS and shear stress dual-sensitive bionic system with cross-linked dendrimers for atherosclerosis therapy. Nanoscale, 2021, 13, 20013-20027.	5.6	10
34	A novel magnetic fluorescent chemosensor for Cu²⁺ based on self-assembled systems of azobenzene and Î±-cyclodextrin. RSC Advances, 2015, 5, 66674-66680.	3.6	9
35	Fluorescent magnetic nanosensors for Zn²⁺ and CN^{â¯} in aqueous solution prepared from adamantane-modified fluorescein and Î²-cyclodextrin-modified Fe₃O₄@SiO₂via hostâ€“guest interactions. RSC Advances, 2015, 5, 68815-68821.	3.6	9
36	Preparation of a new superhydrophobic nanofiber film by electrospinning polystyrene mixed with ester modified silicone oil. Journal of Applied Polymer Science, 2014, 131, .	2.6	6

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37	A Highly Selective and Sensitive Ratiometric Fluorescent Probe for Hypochlorite and Its Application. Chemical Research in Chinese Universities, 2018, 34, 536-540.	2.6	6
38	A novel ratiometric fluorescent probe for cyanide anion with high selectivity and its application in cell imaging. Chemical Research in Chinese Universities, 2017, 33, 534-539.	2.6	5
39	Preparation of nanofiber aerogels by electrospinning and studying of its adsorption properties for heavy-metal and dyes. Journal of Porous Materials, 2020, 27, 1589-1599.	2.6	5
40	A novel fluorescent probe with aggregation induced emission (AIE) effect based on 1,4â€dihydropyridine and its applications. Luminescence, 2021, , .	2.9	5
41	Role of Adamantane Amide Based on L-Proline Double-H Potential Organocatalyst in Aldol Reaction with Product Separated via Host-guest Interaction. Chemical Research in Chinese Universities, 2018, 34, 180-185.	2.6	4
42	A novel hydrophilic fluorescent probe for Cu²⁺ detection and imaging in HeLa cells. RSC Advances, 2021, 11, 10264-10271.	3.6	4
43	Prolineâ€derived Monodentate Organocatalyst for Asymmetric Reduction of Imine with HSiCl 3. ChemistrySelect, 2019, 4, 9590-9594.	1.5	3
44	Fabrication and characterization of CdTe nanoparticles attached to poly(4â€vinylpyridine) nanofibers. Journal of Applied Polymer Science, 2008, 108, 281-286.	2.6	2
45	Synthesis and application of benzoxazole derivativeâ€based fluorescent probes for naked eye recognition. Luminescence, 2020, 35, 1010-1016.	2.9	2
46	The influence of polystyrene and polyvinylpyrrolidone nanofiber on the intensity of photoluminescence of fluorescent whitening agents. Journal of Applied Polymer Science, 2008, 107, 1696-1700.	2.6	1
47	Simple and effective method to prepare microfiber reinforced nanofiber film with significant improvement of mechanical properties. Chemical Research in Chinese Universities, 2014, 30, 315-319.	2.6	1
48	A novel mitochondrial-targeting fluorescent probe based on 1,4-dihydropyridine to visualize and monitor the viscosity of live cells and mice in vivo. Analytical Methods, 2021, 13, 4238-4245.	2.7	1