

Yaoxian Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Porphyrin-functionalized Fe ₃ O ₄ @SiO ₂ core/shell magnetic colorimetric material for detection, adsorption and removal of Hg ²⁺ in aqueous solution. <i>New Journal of Chemistry</i> , 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. <i>Talanta</i> , 2016, 148, 229-236.	5.5	71
3	Fabrication of Au/PVP nanofiber composites by electrospinning. <i>Journal of Applied Polymer Science</i> , 2007, 105, 3618-3622.	2.6	66
4	Electrospun poly(methyl methacrylate) nanofibers and microparticles. <i>Journal of Materials Science</i> , 2010, 45, 1032-1038.	3.7	48
5	A new colorimetric fluorescent sensor for ratiometric detection of cyanide in solution, test strips, and in cells. <i>RSC Advances</i> , 2014, 4, 8295.	3.6	48
6	Colorimetric magnetic microspheres as chemosensor for Cu ²⁺ prepared from adamantane-modified rhodamine and β ² -cyclodextrin-modified Fe ₃ O ₄ @SiO ₂ via host-guest interaction. <i>Talanta</i> , 2015, 141, 33-40.	5.5	32
7	A novel turn-on thiooxofluorescein-based colorimetric and fluorescent sensor for Hg ²⁺ and its application in living cells. <i>Talanta</i> , 2017, 170, 103-110.	5.5	32
8	A triphenylamine-based colorimetric and turn-on fluorescent probe for detection of cyanide anions in live cells. <i>RSC Advances</i> , 2015, 5, 47990-47996.	3.6	31
9	Magnetically separable iron oxide nanostructures-TiO ₂ nanofibers hierarchical heterostructures: controlled fabrication and photocatalytic activity. <i>New Journal of Chemistry</i> , 2011, 35, 1795.	2.8	29
10	A novel ratiometric and reversible fluorescent probe based on naphthalimide for the detection of Al ³⁺ and pH with excellent selectivity. <i>New Journal of Chemistry</i> , 2020, 44, 3261-3267.	2.8	28
11	Development of a NIR fluorescent probe for highly selective and sensitive detection of cysteine in living cells and in vivo. <i>Talanta</i> , 2021, 234, 122685.	5.5	24
12	Electrospinning preparation of β ² -cyclodextrin/glutaraldehyde crosslinked PVP nanofibrous membranes to adsorb dye in aqueous solution. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 1057-1062.	2.6	23
13	Regenerable Fluorescent Nanosensors for Monitoring and Recovering Metal Ions Based on Photoactivatable Monolayer Self-Assembly and Host-Guest Interactions. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 8868-8875.	8.0	23
14	A new turn-on fluorescent probe towards hypochlorite in living cells. <i>Analytical Methods</i> , 2017, 9, 864-870.	2.7	23
15	Characterization and photoluminescence studies of CdTe nanoparticles before and after transfer from liquid phase to polystyrene. <i>Bulletin of Materials Science</i> , 2009, 32, 487-491.	1.7	19
16	Preparation of amidoxime-modified polyacrylonitrile nanofibrous adsorbents for the extraction of copper(II) and lead(II) ions and dye from aqueous media. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45697.	2.6	19
17	A novel ratiometric fluorescent probe for differential detection of HSO ₃ ⁻ and ClO ⁻ and application in cell imaging and tumor recognition. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 1137-1148.	3.7	17
18	Fabrication of large-scale superhydrophobic composite films with enhanced tensile properties by multinozzle conveyor belt electrospinning. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	16

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19	Near-infrared turn-on fluorescent probe for discriminative detection of Cys and application in <i>in vivo</i> imaging. <i>RSC Advances</i> , 2019, 9, 41431-41437.	3.6	16
20	A novel 100% aqueous solution near-infrared ratiometric fluorescent CN- probe based on 1,4-dihydropyridines, with a large fluorescent emission peak shift. <i>Talanta</i> , 2021, 225, 122100.	5.5	16
21	A novel Near-Infrared fluorescent probe for Zn ²⁺ and CN ⁻ double detection based on dicyanoisfluorone derivatives with highly sensitive and selective, and its application in Bioimaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 267, 120621.	3.9	16
22	Preparation and characterization of electrospun Ag/polyacrylonitrile composite nanofibers. <i>Korean Journal of Chemical Engineering</i> , 2011, 28, 1761-1763.	2.7	15
23	Variety of photoluminescence intensity of fluorescent whitening agents introduced into polyacrylonitrile nanofibers. <i>Journal of Applied Polymer Science</i> , 2007, 103, 2382-2386.	2.6	14
24	A Novel Fluorescence Sensor Towards Hydrazine in Living Cells. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 570-576.	2.6	14
25	Synthesis and characterization of multifunctional CdTe/Fe ₂ O ₃ @SiO ₂ core/shell nanosensors for Hg ²⁺ ions detection. <i>New Journal of Chemistry</i> , 2010, 34, 2996.	2.8	12
26	A simple colorimetric and fluorescent probe with high selectivity towards cysteine over homocysteine and glutathione. <i>RSC Advances</i> , 2017, 7, 18867-18873.	3.6	12
27	Preparation of β -cyclodextrin/Fe ₃ O ₄ /polyvinylpyrrolidone composite magnetic microspheres for the adsorption of methyl orange. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 1012-1016.	2.6	12
28	An efficient proline-based homogeneous organocatalyst with recyclability. <i>New Journal of Chemistry</i> , 2018, 42, 827-831.	2.8	12
29	Bicomponent AgCl/PVP nanofibre fabricated by electrospinning with gel-sol method. <i>Bulletin of Materials Science</i> , 2009, 32, 161-164.	1.7	10
30	A novel magnetic fluorescent chemosensor for Cu ²⁺ based on self-assembled systems of azobenzene and β -cyclodextrin. <i>RSC Advances</i> , 2015, 5, 66674-66680.	3.6	9
31	Fluorescent magnetic nanosensors for Zn ²⁺ and CN ⁻ in aqueous solution prepared from adamantane-modified fluorescein and β -cyclodextrin-modified Fe ₃ O ₄ @SiO ₂ via host-guest interactions. <i>RSC Advances</i> , 2015, 5, 68815-68821.	3.6	9
32	Preparation of a new superhydrophobic nanofiber film by electrospinning polystyrene mixed with ester modified silicone oil. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	6
33	A Highly Selective and Sensitive Ratiometric Fluorescent Probe for Hypochlorite and Its Application. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 536-540.	2.6	6
34	A novel ratiometric fluorescent probe for cyanide anion with high selectivity and its application in cell imaging. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 534-539.	2.6	5
35	Preparation of nanofiber aerogels by electrospinning and studying of its adsorption properties for heavy-metal and dyes. <i>Journal of Porous Materials</i> , 2020, 27, 1589-1599.	2.6	5
36	A novel fluorescent probe with aggregation induced emission (AIE) effect based on 1,4-dihydropyridine and its applications. <i>Luminescence</i> , 2021, . .	2.9	5

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37	Role of Adamantane Amide Based on L-Proline Double-H Potential Organocatalyst in Aldol Reaction with Product Separated via Host-guest Interaction. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 180-185.	2.6	4
38	Fabrication and characterization of CdTe nanoparticles attached to poly(4-vinylpyridine) nanofibers. <i>Journal of Applied Polymer Science</i> , 2008, 108, 281-286.	2.6	2
39	The influence of polystyrene and polyvinylpyrrolidone nanofiber on the intensity of photoluminescence of fluorescent whitening agents. <i>Journal of Applied Polymer Science</i> , 2008, 107, 1696-1700.	2.6	1
40	Simple and effective method to prepare microfiber reinforced nanofiber film with significant improvement of mechanical properties. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 315-319.	2.6	1
41	A novel mitochondrial-targeting fluorescent probe based on 1,4-dihydropyridine to visualize and monitor the viscosity of live cells and mice in vivo. <i>Analytical Methods</i> , 2021, 13, 4238-4245.	2.7	1
42	Aggregation Behavior of Azoanthracene Compounds in Solution. <i>Spectroscopy Letters</i> , 2000, 33, 359-367.	1.0	0