

Xingjiang Liu

List of Publications by Year in descending order

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37
papers

1,547
citations

361388

20
h-index

345203

36
g-index

37
all docs

37
docs citations

37
times ranked

1507
citing authors

#	ARTICLE	IF	CITATIONS
1	An Environmentally Friendly Supramolecular Glue Developed from Natural 3,4-Dihydroxybenzaldehyde. <i>Polymers</i> , 2022, 14, 916.	4.5	2
2	Dual-Ratiometric Fluorescent Probe for H_2O_2 and $HClO$ in Living Cells and Zebrafish and Application in Alcoholic Liver Injury Monitoring. <i>ACS Applied Bio Materials</i> , 2022, 5, 1683-1691.	4.6	7
3	Self-Healable, Strong, and Tough Polyurethane Elastomer Enabled by Carbamate-Containing Chain Extenders Derived from Ethyl Carbonate. <i>Polymers</i> , 2022, 14, 1673.	4.5	5
4	Anti-corrosive, weatherproof and self-healing polyurethane developed from hydrogenated hydroxyl-terminated polybutadiene toward surface-protective applications. <i>Frontiers of Materials Science</i> , 2022, 16, 1.	2.2	5
5	Red/near-infrared chromenoquinoline dyes for LEDs and mitochondria labeling. <i>Dyes and Pigments</i> , 2022, 205, 110485.	3.7	3
6	Development of chromenoquinoline-fused coumarin dyes and their application in bioimaging. <i>Dyes and Pigments</i> , 2022, 205, 110530.	3.7	11
7	A self-reinforcing and self-healing elastomer with high strength, unprecedented toughness and room-temperature reparability. <i>Materials Horizons</i> , 2021, 8, 267-275.	12.2	161
8	Rational Design of Multicolor-Emitting Chiral Carbonized Polymer Dots for Full-Color and White Circularly Polarized Luminescence. <i>Angewandte Chemie</i> , 2021, 133, 14210-14218.	2.0	37
9	Rational Design of Multicolor-Emitting Chiral Carbonized Polymer Dots for Full-Color and White Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14091-14099.	13.8	168
10	Exploring piperazine for intrinsic weather-proof, robust and self-healable poly(urethane urea) toward surface and tire protection. <i>Polymer</i> , 2021, 227, 123829.	3.8	8
11	A bifunctional fluorescent probe for simultaneous detection of GSH and H_2Sn ($n \geq 1$) from different channels with long-wavelength emission. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 257, 119789.	3.9	8
12	Double-channel based fluorescent probe for differentiating GSH and H_2Sn ($n \geq 1$) via a single-wavelength excitation with long-wavelength emission. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130224.	7.8	15
13	A phenothiazine coumarin based ratiometric fluorescent probe for real-time detection of lysosomal hypochlorite in living cell and zebra fish. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 261, 120024.	3.9	15
14	De Novo Design of a Robust Fluorescent Probe for Basal $HClO$ Imaging in a Mouse Parkinson's Disease Model. <i>ACS Chemical Neuroscience</i> , 2021, 12, 4058-4064.	3.5	14
15	Red-emitting fluorescent probe for discrimination of Cys/Hcy and GSH with a large Stokes shift under a single-wavelength excitation. <i>Analytica Chimica Acta</i> , 2020, 1097, 245-253.	5.4	25
16	Investigation of the Relationship Between H_2O_2 and $HClO$ in Living Cells by a Bifunctional, Dual-ratiometric Responsive Fluorescent Probe. <i>Analytical Chemistry</i> , 2020, 92, 5134-5142.	6.5	56
17	Two-component modified polyurethane sealant for insulating glass: Design, preparation, and application. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48219.	2.6	6
18	A naphthalimide-indole fused chromophore-based fluorescent probe for the detection of biothiol with red emission and a large Stokes shift. <i>New Journal of Chemistry</i> , 2019, 43, 13212-13216.	2.8	12

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19	A HBT-based bifunctional fluorescent probe for the ratiometric detection of fluoride and sulphite in real samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 219, 547-551.	3.9	24
20	A red-emitting water-soluble fluorescent probe for biothiol detection with a large Stokes shift. <i>Chinese Chemical Letters</i> , 2019, 30, 563-565.	9.0	44
21	Methylated chromenoquinoline dyes: synthesis, optical properties, and application for mitochondrial labeling. <i>Chemical Communications</i> , 2018, 54, 1509-1512.	4.1	32
22	Fluorescent probe for simultaneous discrimination of Cys/Hcy and GSH in pure aqueous media with a fast response under a single-wavelength excitation. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 1170-1178.	7.8	52
23	A sensitive and selective fluorescent probe for the detection of hydrogen peroxide with a red emission and a large Stokes shift. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1160-1165.	7.8	51
24	An aqueous methylated chromenoquinoline-based fluorescent probe for instantaneous sensing of thiophenol with a red emission and a large Stokes shift. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 1670-1675.	7.8	43
25	A naphthalimide-indole fused chromophore-based fluorescent probe for instantaneous detection of thiophenol with a red emission and a large Stokes shift. <i>Sensors and Actuators B: Chemical</i> , 2018, 276, 136-141.	7.8	51
26	Ratiometric Fluorescent Probe for Lysosomal pH Measurement and Imaging in Living Cells Using Single-Wavelength Excitation. <i>Analytical Chemistry</i> , 2017, 89, 7038-7045.	6.5	144
27	A red emitting fluorescent probe for instantaneous sensing of thiophenol in both aqueous medium and living cells with a large Stokes shift. <i>Journal of Materials Chemistry C</i> , 2016, 4, 4320-4326.	5.5	67
28	Broadly Applicable Strategy for the Fluorescence Based Detection and Differentiation of Glutathione and Cysteine/Homocysteine: Demonstration in Vitro and in Vivo. <i>Analytical Chemistry</i> , 2016, 88, 3638-3646.	6.5	168
29	A real-time colorimetric and ratiometric fluorescent probe for rapid detection of SO ₂ derivatives in living cells based on a near-infrared benzopyrylium dye. <i>RSC Advances</i> , 2015, 5, 25409-25415.	3.6	49
30	A selective and sensitive phthalimide-based fluorescent probe for hydrogen sulfide with a large Stokes shift. <i>RSC Advances</i> , 2015, 5, 98154-98159.	3.6	24
31	A phthalimide-based fluorescent probe for thiol detection with a large Stokes shift. <i>RSC Advances</i> , 2015, 5, 18177-18182.	3.6	36
32	Nanomolar detection of Hcy, GSH and Cys in aqueous solution, test paper and living cells. <i>RSC Advances</i> , 2015, 5, 4941-4946.	3.6	17
33	Naked-eye-based selective detection of pyrophosphate with a Zn ²⁺ complex in aqueous solution and electrospun nanofibers. <i>RSC Advances</i> , 2015, 5, 25229-25235.	3.6	13
34	A fluorescent probe for benzenethiols and its application on test paper, in water samples and living cells. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8248-8254.	5.5	42
35	A ratiometric fluorescent probe for rapid, sensitive and selective detection of sulfur dioxide with large Stokes shifts by single wavelength excitation. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8663-8668.	2.8	105
36	A dual-model and on/off fluorescent Al ³⁺ /Cu ²⁺ -chemosensor and the detection of F ⁻ /Al ³⁺ with a TM prepared Al ³⁺ /Cu ²⁺ complexes. <i>New Journal of Chemistry</i> , 2013, 37, 2257.	2.8	20

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37	Application of Fluorescent Probes in Reactive Oxygen Species Disease Model. Critical Reviews in Analytical Chemistry, 0, , 1-36.	3.5	7