Meng-Yao She

List of Publications by Year
in descending order

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49 papers	1,710 citations	304743 22 h-index	289244 40 g-index
51 all docs	51 docs citations	51 times ranked	1828 citing authors

#	Article	IF	Citations
1	Rational Modulation Strategies to Improve Bioimaging Applications for Organic NIRâ€Ⅰ Fluorophores. Advanced Optical Materials, 2022, 10, .	7.3	13
2	Inâ€Ⅾepth Understanding of the Effect of Halogenâ€Ⅰnduced Stable 2D Bismuthâ€Ⅾased Perovskites for Photocatalytic Hydrogen Evolution Activity. Advanced Functional Materials, 2022, 32, .	14.9	31
3	Fluorescent sensing film decorated with ratiometric probe for visual and recyclable monitoring of Cu2+. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 249, 119217.	3.9	8
4	Imaging and Monitoring the Hydrogen Peroxide Level in Heart Failure by a Fluorescent Probe with a Large Stokes Shift. ACS Sensors, 2021, 6, 54-62.	7.8	11
5	An ICT-based fluorescent probe guided by theoretical calculation for selectively mapping endogenous GSH in living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 246, 119041.	3.9	12
6	Recent Progress in Fluorescent Sensors for Drug-Induced Liver Injury Assessment. ACS Sensors, 2021, 6, 628-640.	7.8	62
7	Near-infrared fluorescent probe for rapid detecting H2S and its application in nanofibrous film and living cells. Dyes and Pigments, 2021, 188, 109221.	3.7	18
8	Design strategy and recent progress of fluorescent probe for noble metal ions (Ag, Au, Pd, and Pt). Coordination Chemistry Reviews, 2021, 432, 213712.	18.8	46
9	Construction and regulation of imidazo[1,5-a]pyridines with AIE characteristics via iodine mediated Csp2â^'H or Cspâ^'H amination. Chinese Chemical Letters, 2021, 32, 3083-3086.	9.0	12
10	Highly Stable Silica-Coated Bismuth Nanoparticles Deliver Tumor Microenvironment-Responsive Prodrugs to Enhance Tumor-Specific Photoradiotherapy. Journal of the American Chemical Society, 2021, 143, 11449-11461.	13.7	51
11	Construction of DCM-based NIR fluorescent probe for visualization detection of H2S in solution and nanofibrous film. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 257, 119764.	3.9	12
12	Fabrication of carbon dots for sequential onâ€“off-on determination of Fe3+ and S2â^' in solid-phase sensing and anti-counterfeit printing. Analytical and Bioanalytical Chemistry, 2021, 413, 7473-7483.	3.7	5
13	Selective Thiocyanation and Aromatic Amination To Achieve Organized Annulation of Enaminone with Thiocyanate. Organic Letters, 2021, 23, 8396-8401.	4.6	15
14	Cu2+/ATP reversible ratiometric fluorescent probe through strip, hydrogel, and nanofiber, and its application in living cells and edaphic ecological safety assessment. Dyes and Pigments, 2020, 182, 108677.	3.7	17
15	Measuring the distribution and concentration of cysteine by fluorescent sensor for the visual study of paracetamol-induced pro-sarcopenic effect. Sensors and Actuators B: Chemical, 2020, 318, 128258.	7.8	13
16	A practical strategy for construction and regulation of multi-functional triazepinium salts via highly efficient I2-catalyzed cyclization. Green Chemistry, 2020, 22, 3111-3116.	9.0	3
17	Precise Synthesis of GSH-Specific Fluorescent Probe for Hepatotoxicity Assessment Guided by Theoretical Calculation. ACS Applied Materials & Interfaces, 2019, 11, 32605-32612.	8.0	34
18	Structural modification of BODIPY: Improve its applicability. Chinese Chemical Letters, 2019, 30, 1815-1824.	9.0	81

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19	An efficient biosensor for monitoring Alzheimer's disease risk factors: modulation and disaggregation of the AÎ² aggregation process. Journal of Materials Chemistry B, 2019, 7, 4124-4132.	5.8	13
20	Exploring the necessity of an acidic additive for Pd(<scp>ii</scp>)-catalyzed exclusive C4-fluoroalkylation of 3-acetylindole: a detailed DFT study on the mechanism and regioselectivity. Organic Chemistry Frontiers, 2019, 6, 2607-2618.	4.5	14
21	A highly sensitive and selective near-infrared fluorescent probe for imaging hydrazine in living tissues and mice. Sensors and Actuators B: Chemical, 2018, 261, 418-424.	7.8	53
22	Water soluble chemosensor for Ca 2+ based on aggregation-induced emission characteristics and its fluorescence imaging in living cells. Dyes and Pigments, 2018, 150, 112-120.	3.7	19
23	Fluorescent probes guided by a new practical performance regulation strategy to monitor glutathione in living systems. Chemical Science, 2018, 9, 8065-8070.	7.4	42
24	Substituent effect on fluorescence signaling of the naphthalene carbohydrazone based chemosensor: Its implication in the detection of Zn(II) ions and secondary sensing PPi. Sensors and Actuators B: Chemical, 2018, 270, 362-370.	7.8	19
25	Exploration of congeneric Hg(II)-mediated chemosensors driven by S-Hg affinity, and their application in living system. Sensors and Actuators B: Chemical, 2017, 247, 129-138.	7.8	20
26	Design strategies and progress on xanthene-based fluorescent probe for metal ions. Reviews in Analytical Chemistry, 2017, 36, .	3.2	13
27	Synthesis and application of highly sensitive fluorescent probe for Hg 2+ regulated by sulfur. Chinese Chemical Letters, 2017, 28, 2014-2018.	9.0	28
28	Rhodamine based guanidinobenzimidazole functionalized fluorescent probe for tetravalent tin and its application in living cells imaging. Sensors and Actuators B: Chemical, 2017, 242, 872-879.	7.8	14
29	Study on the inclusion behavior and solid inclusion complex of 5-amino-6-methyl-2-benzimidazolone with cyclodextrins. Chinese Chemical Letters, 2016, 27, 1077-1082.	9.0	8
30	Study on the inclusion behaviour and solid inclusion complex of lomustine with cyclodextrins. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2016, 86, 45-54.	1.6	1
31	A novel approach to study the structure-property relationships and applications in living systems of modular Cu2+ fluorescent probes. Scientific Reports, 2016, 6, 28972.	3.3	21
32	Novel Fluorescein-Based Fluorescent Probe for Detecting H₂S and Its Real Applications in Blood Plasma and Biological Imaging. Analytical Chemistry, 2016, 88, 11253-11260.	6.5	87
33	Novel 3,6-unsymmetrically disubstituted-1,2,4,5-tetrazines: S-induced one-pot synthesis, properties and theoretical study. RSC Advances, 2015, 5, 12277-12286.	3.6	18
34	Design and synthesis of functionalized rhodamine based probes for specific intracellular fluorescence imaging of Fe3+. Dyes and Pigments, 2015, 115, 120-126.	3.7	38
35	A Facile FeCl₃/I₂-Catalyzed Aerobic Oxidative Coupling Reaction: Synthesis of Tetrasubstituted Imidazoles from Amidines and Chalcones. Organic Letters, 2015, 17, 3872-3875.	4.6	92
36	Solvent-dependent turn-on probe for dual monitoring of Ag+ and Zn2+ in living biological samples. Analytica Chimica Acta, 2015, 868, 53-59.	5.4	30

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37	Two rhodamine lactam modulated lysosome-targetable fluorescence probes for sensitively and selectively monitoring subcellular organelle pH change. Analytica Chimica Acta, 2015, 900, 97-102.	5.4	37
38	Visualizing tributyltin (TBT) in bacterial aggregates by specific rhodamine-based fluorescent probes. Analytica Chimica Acta, 2015, 853, 514-520.	5.4	12
39	High efficient probes with Schiff base functional receptors for hypochlorite sensing under physiological conditions. Chinese Chemical Letters, 2014, 25, 1077-1081.	9.0	14
40	New aliphatic and aromatic dialdehyde bridged turn-on probes for hypochlorite detection in biological samples based on bis(fluorescein). Sensors and Actuators B: Chemical, 2014, 202, 656-662.	7.8	37
41	Recent Progress in the Fluorescent Probe Based on Spiro Ring Opening of Xanthenes and Related Derivatives. Chinese Journal of Organic Chemistry, 2014, 34, 1.	1.3	8
42	An efficiently cobalt-catalyzed carbonylative approach toÂphenylacetic acid derivatives. Tetrahedron, 2013, 69, 7264-7268.	1.9	19
43	Two novel fluorescein-based fluorescent probes for hypochlorite and its real applications in tap water and biological imaging. Sensors and Actuators B: Chemical, 2013, 186, 56-60.	7.8	69
44	Six-Membered Spirocycle Triggered Probe for Visualizing Hg²⁺ in Living Cells and Bacteriaâ€“EPSâ€“Mineral Aggregates. Organic Letters, 2013, 15, 4334-4337.	4.6	49
45	Highly sensitive and selective rhodamine Schiff base â€œoff-onâ€•chemosensors for Cu2+ imaging in living cells. Sensors and Actuators B: Chemical, 2013, 176, 482-487.	7.8	81
46	Three Rhodamine-Based â€œOffâ€“Onâ€•Chemosensors with High Selectivity and Sensitivity for Fe³⁺ Imaging in Living Cells. Journal of Organic Chemistry, 2012, 77, 1143-1147.	3.2	217
47	A novel rhodamine-based fluorescent and colorimetric â€œoffâ€“onâ€•chemosensor and investigation of the recognizing behavior towards Fe3+. Dyes and Pigments, 2012, 92, 1337-1343.	3.7	90
48	Solventâ€Free Tandem Synthesis of 2â€Thiazolines and 2â€Oxazolines Catalyzed by a Copper Catalyst. European Journal of Organic Chemistry, 2012, 2012, 1626-1632.	2.4	32
49	Facile synthesis and characterization of rhodamine-based colorimetric and â€œoffâ€“onâ€•fluorescent chemosensor for Fe3+. Sensors and Actuators B: Chemical, 2011, 157, 675-680.	7.8	71