

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	Three Rhodamine-Based "Off-On" Chemosensors with High Selectivity and Sensitivity for Fe ³⁺ Imaging in Living Cells. <i>Journal of Organic Chemistry</i> , 2012, 77, 1143-1147.	3.2	217
2	A Facile FeCl ₃ /I ₂ -Catalyzed Aerobic Oxidative Coupling Reaction: Synthesis of Tetrasubstituted Imidazoles from Amidines and Chalcones. <i>Organic Letters</i> , 2015, 17, 3872-3875.	4.6	92
3	A novel rhodamine-based fluorescent and colorimetric "off-on" chemosensor and investigation of the recognizing behavior towards Fe ³⁺ . <i>Dyes and Pigments</i> , 2012, 92, 1337-1343.	3.7	90
4	Novel Fluorescein-Based Fluorescent Probe for Detecting H ₂ S and Its Real Applications in Blood Plasma and Biological Imaging. <i>Analytical Chemistry</i> , 2016, 88, 11253-11260.	6.5	87
5	Highly sensitive and selective rhodamine Schiff base "off-on" chemosensors for Cu ²⁺ imaging in living cells. <i>Sensors and Actuators B: Chemical</i> , 2013, 176, 482-487.	7.8	81
6	Structural modification of BODIPY: Improve its applicability. <i>Chinese Chemical Letters</i> , 2019, 30, 1815-1824.	9.0	81
7	Facile synthesis and characterization of rhodamine-based colorimetric and "off-on" fluorescent chemosensor for Fe ³⁺ . <i>Sensors and Actuators B: Chemical</i> , 2011, 157, 675-680.	7.8	71
8	Two novel fluorescein-based fluorescent probes for hypochlorite and its real applications in tap water and biological imaging. <i>Sensors and Actuators B: Chemical</i> , 2013, 186, 56-60.	7.8	69
9	Recent Progress in Fluorescent Sensors for Drug-Induced Liver Injury Assessment. <i>ACS Sensors</i> , 2021, 6, 628-640.	7.8	62
10	A highly sensitive and selective near-infrared fluorescent probe for imaging hydrazine in living tissues and mice. <i>Sensors and Actuators B: Chemical</i> , 2018, 261, 418-424.	7.8	53
11	Highly Stable Silica-Coated Bismuth Nanoparticles Deliver Tumor Microenvironment-Responsive Prodrugs to Enhance Tumor-Specific Photoradiotherapy. <i>Journal of the American Chemical Society</i> , 2021, 143, 11449-11461.	13.7	51
12	Six-Membered Spirocycle Triggered Probe for Visualizing Hg ²⁺ in Living Cells and Bacteria "EPS" Mineral Aggregates. <i>Organic Letters</i> , 2013, 15, 4334-4337.	4.6	49
13	Design strategy and recent progress of fluorescent probe for noble metal ions (Ag, Au, Pd, and Pt). <i>Coordination Chemistry Reviews</i> , 2021, 432, 213712.	18.8	46
14	Fluorescent probes guided by a new practical performance regulation strategy to monitor glutathione in living systems. <i>Chemical Science</i> , 2018, 9, 8065-8070.	7.4	42
15	Design and synthesis of functionalized rhodamine based probes for specific intracellular fluorescence imaging of Fe ³⁺ . <i>Dyes and Pigments</i> , 2015, 115, 120-126.	3.7	38
16	New aliphatic and aromatic dialdehyde bridged turn-on probes for hypochlorite detection in biological samples based on bis(fluorescein). <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 656-662.	7.8	37
17	Two rhodamine lactam modulated lysosome-targetable fluorescence probes for sensitively and selectively monitoring subcellular organelle pH change. <i>Analytica Chimica Acta</i> , 2015, 900, 97-102.	5.4	37
18	Precise Synthesis of GSH-Specific Fluorescent Probe for Hepatotoxicity Assessment Guided by Theoretical Calculation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 32605-32612.	8.0	34

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19	Solvent-free Tandem Synthesis of 2-Thiazolines and 2-Oxazolines Catalyzed by a Copper Catalyst. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1626-1632.	2.4	32
20	In-depth Understanding of the Effect of Halogen-induced Stable 2D Bismuth-based Perovskites for Photocatalytic Hydrogen Evolution Activity. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	31
21	Solvent-dependent turn-on probe for dual monitoring of Ag ⁺ and Zn ²⁺ in living biological samples. <i>Analytica Chimica Acta</i> , 2015, 868, 53-59.	5.4	30
22	Synthesis and application of highly sensitive fluorescent probe for Hg ²⁺ regulated by sulfur. <i>Chinese Chemical Letters</i> , 2017, 28, 2014-2018.	9.0	28
23	A novel approach to study the structure-property relationships and applications in living systems of modular Cu ²⁺ fluorescent probes. <i>Scientific Reports</i> , 2016, 6, 28972.	3.3	21
24	Exploration of congeneric Hg(II)-mediated chemosensors driven by S-Hg affinity, and their application in living system. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 129-138.	7.8	20
25	An efficiently cobalt-catalyzed carbonylative approach to α -phenylacetic acid derivatives. <i>Tetrahedron</i> , 2013, 69, 7264-7268.	1.9	19
26	Water soluble chemosensor for Ca ²⁺ based on aggregation-induced emission characteristics and its fluorescence imaging in living cells. <i>Dyes and Pigments</i> , 2018, 150, 112-120.	3.7	19
27	Substituent effect on fluorescence signaling of the naphthalene carbohydrazone based chemosensor: Its implication in the detection of Zn(II) ions and secondary sensing PPI. <i>Sensors and Actuators B: Chemical</i> , 2018, 270, 362-370.	7.8	19
28	Novel 3,6-unsymmetrically disubstituted-1,2,4,5-tetrazines: S-induced one-pot synthesis, properties and theoretical study. <i>RSC Advances</i> , 2015, 5, 12277-12286.	3.6	18
29	Near-infrared fluorescent probe for rapid detecting H ₂ S and its application in nanofibrous film and living cells. <i>Dyes and Pigments</i> , 2021, 188, 109221.	3.7	18
30	Cu ²⁺ /ATP reversible ratiometric fluorescent probe through strip, hydrogel, and nanofiber, and its application in living cells and edaphic ecological safety assessment. <i>Dyes and Pigments</i> , 2020, 182, 108677.	3.7	17
31	Selective Thiocyanation and Aromatic Amination To Achieve Organized Annulation of Enaminone with Thiocyanate. <i>Organic Letters</i> , 2021, 23, 8396-8401.	4.6	15
32	High efficient probes with Schiff base functional receptors for hypochlorite sensing under physiological conditions. <i>Chinese Chemical Letters</i> , 2014, 25, 1077-1081.	9.0	14
33	Rhodamine based guanidinobenzimidazole functionalized fluorescent probe for tetravalent tin and its application in living cells imaging. <i>Sensors and Actuators B: Chemical</i> , 2017, 242, 872-879.	7.8	14
34	Exploring the necessity of an acidic additive for Pd-catalyzed exclusive C4-fluoroalkylation of 3-acetylindole: a detailed DFT study on the mechanism and regioselectivity. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2607-2618.	4.5	14
35	Design strategies and progress on xanthene-based fluorescent probe for metal ions. <i>Reviews in Analytical Chemistry</i> , 2017, 36, .	3.2	13
36	An efficient biosensor for monitoring Alzheimer's disease risk factors: modulation and disaggregation of the A β ² aggregation process. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4124-4132.	5.8	13

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37	Measuring the distribution and concentration of cysteine by fluorescent sensor for the visual study of paracetamol-induced pro-sarcopenic effect. <i>Sensors and Actuators B: Chemical</i> , 2020, 318, 128258.	7.8	13
38	Rational Modulation Strategies to Improve Bioimaging Applications for Organic NIR-emitting Fluorophores. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	13
39	Visualizing tributyltin (TBT) in bacterial aggregates by specific rhodamine-based fluorescent probes. <i>Analytica Chimica Acta</i> , 2015, 853, 514-520.	5.4	12
40	An ICT-based fluorescent probe guided by theoretical calculation for selectively mapping endogenous GSH in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 246, 119041.	3.9	12
41	Construction and regulation of imidazo[1,5-a]pyridines with AIE characteristics via iodine mediated Csp ² -H or Csp ³ -H amination. <i>Chinese Chemical Letters</i> , 2021, 32, 3083-3086.	9.0	12
42	Construction of DCM-based NIR fluorescent probe for visualization detection of H ₂ S in solution and nanofibrous film. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 257, 119764.	3.9	12
43	Imaging and Monitoring the Hydrogen Peroxide Level in Heart Failure by a Fluorescent Probe with a Large Stokes Shift. <i>ACS Sensors</i> , 2021, 6, 54-62.	7.8	11
44	Study on the inclusion behavior and solid inclusion complex of 5-amino-6-methyl-2-benzimidazolone with cyclodextrins. <i>Chinese Chemical Letters</i> , 2016, 27, 1077-1082.	9.0	8
45	Fluorescent sensing film decorated with ratiometric probe for visual and recyclable monitoring of Cu ²⁺ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 249, 119217.	3.9	8
46	Recent Progress in the Fluorescent Probe Based on Spiro Ring Opening of Xanthenes and Related Derivatives. <i>Chinese Journal of Organic Chemistry</i> , 2014, 34, 1.	1.3	8
47	Fabrication of carbon dots for sequential on-off-on determination of Fe ³⁺ and S ²⁻ in solid-phase sensing and anti-counterfeit printing. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 7473-7483.	3.7	5
48	A practical strategy for construction and regulation of multi-functional triazepinium salts via highly efficient I ₂ -catalyzed cyclization. <i>Green Chemistry</i> , 2020, 22, 3111-3116.	9.0	3
49	Study on the inclusion behaviour and solid inclusion complex of lomustine with cyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016, 86, 45-54.	1.6	1