

Wenwu Qin

List of Publications by Year in descending order

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65
papers

2,812
citations

201674

27
h-index

175258

52
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67
all docs

67
docs citations

67
times ranked

3964
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Engineering of Covalent Organic Frameworks Comprising Two Electron Acceptors Improves Photocatalytic Performance. <i>ChemSusChem</i> , 2022, 15, .	6.8	11
2	Covalent Organic Frameworks Doped with Different Ratios of OMe/OH as Fluorescent and Colorimetric Sensors. <i>ChemSusChem</i> , 2022, 15, .	6.8	10
3	A Novel Fluorescent Probe Strategy Activated by β -Glucuronidase for Assisting Surgical Resection of Liver Cancer. <i>Analytical Chemistry</i> , 2022, 94, 7012-7020.	6.5	13
4	Near-infrared probe for early diagnosis of diabetic complications-nephropathy and in vivo visualization fluorescence imaging research. <i>Analytica Chimica Acta</i> , 2022, 1221, 340147.	5.4	5
5	Red emission ratio fluorescent probe for the activity of vanin-1 and imaging in vivo. <i>Journal of Hazardous Materials</i> , 2021, 401, 123863.	12.4	6
6	In vivo imaging via a red-emitting fluorescent probe to diagnosing liver cancer or drug-induced liver disease. <i>Analytica Chimica Acta</i> , 2021, 1168, 338621.	5.4	13
7	Near-infrared ratio fluorescent sensor for the study of PGP-1 in inflammation and tumor mice. <i>Sensors and Actuators B: Chemical</i> , 2021, 338, 129841.	7.8	9
8	Long-Wavelength Ratiometric Fluorescent Probe for the Early Diagnosis of Diabetes. <i>Analytical Chemistry</i> , 2021, 93, 11461-11469.	6.5	17
9	Ratiometric covalent organic framework fluorescence sensor for detecting hydrazine produced from isoniazid metabolism in cell. <i>Sensors and Actuators B: Chemical</i> , 2021, 346, 130472.	7.8	26
10	Nanoscale Metal-Organic Layers Detect Mitochondrial Dysregulation and Chemoresistance via Ratiometric Sensing of Glutathione and pH. <i>Journal of the American Chemical Society</i> , 2021, 143, 1284-1289.	13.7	38
11	A ratiometric fluorescent sensor for rapid detection of the pyroglutamate aminopeptidase-1 in mouse tumors. <i>Journal of Materials Chemistry B</i> , 2021, 9, 4546-4554.	5.8	6
12	Turn-on visible and ratiometric near-infrared fluorescent probes for distinction endogenous esterases and chymotrypsins in live cells. <i>Sensors and Actuators B: Chemical</i> , 2020, 306, 127567.	7.8	23
13	Activity-based ratiometric fluorescent small-molecule probe for endogenously monitoring neutrophil elastase in living cells. <i>Analytica Chimica Acta</i> , 2020, 1127, 295-302.	5.4	20
14	Visible to Near-Infrared Emission Ratiometric Fluorescent Probe for the Detection of Vanin-1 In Vivo. <i>ACS Sensors</i> , 2020, 5, 2806-2813.	7.8	14
15	Multifunctional Near-Infrared Fluorescent Probes with Different Ring-Structure Trigger Groups for Cell Health Monitoring and In Vivo Esterase Activity Detection. <i>ACS Sensors</i> , 2020, 5, 3264-3273.	7.8	25
16	Mechanochromic luminescent covalent organic frameworks for highly selective hydroxyl radical detection. <i>Chemical Communications</i> , 2019, 55, 167-170.	4.1	56
17	Porous Organic Polymers Containing a Sulfur Skeleton for Visible Light Degradation of Organic Dyes. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2883-2888.	3.3	8
18	2-Vinylfuran substituted BODIPY H ₂ S fluorescent turn on probe based on hydrolysis of furfural and nucleophilic addition of double bond. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126712.	7.8	18

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19	A naphthalimide-based lysosome-targeting fluorescent probe for the selective detection and imaging of endogenous peroxynitrite in living cells. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3929-3939.	3.7	7
20	Self-Assembling Ratiometric Fluorescent Micelle Nanoprobe for Tyrosinase Detection in Living Cells. <i>ACS Applied Nano Materials</i> , 2019, 2, 3819-3827.	5.0	11
21	BODIPY-based asymmetric monosubstituted (turn-on) and symmetric disubstituted (ratiometric) fluorescent probes for selective detection of phosgene in solution and gas phase. <i>Analytica Chimica Acta</i> , 2019, 1078, 168-175.	5.4	28
22	Dually emitting carbon dots as fluorescent probes for ratiometric fluorescent sensing of pH values, mercury(II), chloride and Cr(VI) via different mechanisms. <i>Mikrochimica Acta</i> , 2019, 186, 341.	5.0	49
23	A ratiometric fluorescent probe for detection of endogenous and exogenous hydrogen sulfide in living cells. <i>Talanta</i> , 2019, 198, 185-192.	5.5	26
24	Ratiometric fluorescent probe based on ESIPT for the highly selective detection of cysteine in living cells. <i>Talanta</i> , 2019, 194, 717-722.	5.5	42
25	Fluorescent glutathione probe based on MnO ₂ @Si quantum dots nanocomposite directly used for intracellular glutathione imaging. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1687-1693.	7.8	42
26	Heterogeneous synthesis of nitrogen-doped carbon dots prepared via anhydrous citric acid and melamine for selective and sensitive turn on-off-on detection of Hg (II), glutathione and its cellular imaging. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1130-1138.	7.8	106
27	Two-stage ratiometric fluorescent responsive probe for rapid glutathione detection based on BODIPY thiol-halogen nucleophilic mono- or disubstitution. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 72-79.	7.8	17
28	Amide-functionalized heterometallic helicate cages as highly efficient catalysts for CO ₂ conversion under mild conditions. <i>Green Chemistry</i> , 2018, 20, 5311-5317.	9.0	46
29	BODIPY-based fluorescent sensor for imaging of endogenous formaldehyde in living cells. <i>Talanta</i> , 2018, 189, 274-280.	5.5	27
30	A Phenylselenium-Substituted BODIPY Fluorescent Turn-off Probe for Fluorescence Imaging of Hydrogen Sulfide in Living Cells. <i>Analytical Chemistry</i> , 2017, 89, 1801-1807.	6.5	67
31	Europium functionalized ratiometric fluorescent transducer silicon nanoparticles based on FRET for the highly sensitive detection of tetracycline. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2149-2152.	5.5	67
32	Synthesis of ultrathin carbon dots-coated iron oxide nanocubes decorated with silver nanoparticles and their excellent catalytic properties. <i>Ceramics International</i> , 2017, 43, 7311-7320.	4.8	14
33	Palladium nanoparticles as catalysts for reduction of Cr(VI) and Suzuki coupling reaction. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	21
34	Pd nanoparticles immobilized on magnetic carbon dots@Fe ₃ O ₄ nanocubes as a synergistic catalyst for hydrogen generation. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 15167-15177.	7.1	32
35	Fluorescence enhancement thermoresponsive polymer luminescent sensors based on BODIPY for intracellular temperature. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 577-583.	7.8	37
36	Foot-and-mouth disease virus-like particles as integrin-based drug delivery system achieve targeting anti-tumor efficacy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1061-1070.	3.3	19

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37	Fast and Selective Two-Stage Ratiometric Fluorescent Probes for Imaging of Glutathione in Living Cells. <i>Analytical Chemistry</i> , 2017, 89, 13112-13119.	6.5	57
38	Sensitive fluorescent light-up probe for enzymatic determination of glucose using carbon dots modified with MnO ₂ nanosheets. <i>Mikrochimica Acta</i> , 2017, 184, 177-185.	5.0	38
39	BODIPY-derived piperazine fluorescent near-neutral pH indicator and its bioimaging. <i>Sensors and Actuators B: Chemical</i> , 2016, 232, 492-498.	7.8	25
40	A fluorescence enhancement probe based on BODIPY for the discrimination of cysteine from homocysteine and glutathione. <i>Biosensors and Bioelectronics</i> , 2016, 85, 178-183.	10.1	58
41	Insight into excitation-related luminescence properties of carbon dots: synergistic effect from photoluminescence centers in the carbon core and on the surface. <i>RSC Advances</i> , 2016, 6, 107263-107269.	3.6	25
42	A ratiometric, fluorescent BODIPY-based probe for transition and heavy metal ions. <i>RSC Advances</i> , 2016, 6, 7806-7816.	3.6	52
43	Synthesis of magnetic core-shell carbon dot@MFe ₂ O ₄ (M = Mn, Zn and Cu) hybrid materials and their catalytic properties. <i>Journal of Materials Chemistry A</i> , 2016, 4, 4044-4055.	10.3	91
44	One-pot synthesis of polyamines improved magnetism and fluorescence Fe ₃ O ₄ -carbon dots hybrid NPs for dual modal imaging. <i>Dalton Transactions</i> , 2016, 45, 5484-5491.	3.3	42
45	A new highly copper-selective fluorescence enhancement chemosensor based on BODIPY excitable with visible light and its imaging in living cells. <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 110-117.	7.8	39
46	Fluorescent glutathione probe based on MnO ₂ -phenol formaldehyde resin nanocomposite. <i>Biosensors and Bioelectronics</i> , 2016, 77, 299-305.	10.1	61
47	Synthesis and Peroxidase-Like Activity of Cobalt@Carbon Dots Hybrid Material. <i>ChemCatChem</i> , 2015, 7, 2467-2474.	3.7	24
48	Carbon dot/NiAl-layered double hydroxide hybrid material: facile synthesis, intrinsic peroxidase-like catalytic activity and its application. <i>RSC Advances</i> , 2015, 5, 95495-95503.	3.6	45
49	Imidazole derivative-functionalized carbon dots: using as a fluorescent probe for detecting water and imaging of live cells. <i>Dalton Transactions</i> , 2015, 44, 5547-5554.	3.3	74
50	Synthesis and photochemical properties of BODIPY-functionalized silica nanoparticles for imaging Cu ²⁺ in living cells. <i>RSC Advances</i> , 2014, 4, 23571-23579.	3.6	19
51	Synthesis and characterization of the nickel@carbon dots hybrid material and its application in the reduction of Cr(VI). <i>New Journal of Chemistry</i> , 2014, 38, 5861-5867.	2.8	49
52	Preparation and photoluminescent properties of magnetic Ni@SiO ₂ -CDs fluorescent nanocomposites. <i>RSC Advances</i> , 2014, 4, 7435.	3.6	11
53	Luminescent properties of milk carbon dots and their sulphur and nitrogen doped analogues. <i>RSC Advances</i> , 2014, 4, 51658-51665.	3.6	52
54	Two highly sensitive Schiff-base fluorescent indicators for the detection of Zn ²⁺ . <i>Analytical Methods</i> , 2014, 6, 1167.	2.7	21

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55	Preparation of a fluorescent sensor based on BODIPY-functionalized hydroxyapatite nanoparticles and spectroscopic study of the Cd ²⁺ and Zn ²⁺ complex formation. <i>Journal of Coordination Chemistry</i> , 2013, 66, 662-670.	2.2	11
56	Synthesis, Spectroscopy, Crystal Structure Determination, and Quantum Chemical Calculations of BODIPY Dyes with Increasing Conformational Restriction and Concomitant Red-shifted Visible Absorption and Fluorescence Spectra. <i>Chemistry - an Asian Journal</i> , 2010, 5, 2016-2026.	3.3	44
57	Fluorescence Lifetime Standards for Time and Frequency Domain Fluorescence Spectroscopy. <i>Analytical Chemistry</i> , 2007, 79, 2137-2149.	6.5	397
58	Functionalisation of fluorescent BODIPY dyes by nucleophilic substitution. <i>Chemical Communications</i> , 2006, , 266-268.	4.1	255
59	Determination of trace europium(III) based on a new fluorescence enhancement system of europium(III) with N,N'-bis-(4-N-aminothiourea-2-amyldene)-4,4'-diaminodiphenyl sulfone by EDTA or alumin in N,N-dimethylformamide. <i>Journal of Analytical Chemistry</i> , 2005, 60, 325-329.	0.9	4
60	BODIPY-Based Hydroxyaryl Derivatives as Fluorescent pH Probes. <i>Journal of Organic Chemistry</i> , 2005, 70, 4152-4157.	3.2	316
61	The New Fluorescence Enhancement System Eu ³⁺ -ARADE-HMTM-Al ³⁺ and its Analytical Application. <i>Mikrochimica Acta</i> , 2004, 146, 55-60.	5.0	3
62	Synthesis and infrared and fluorescence spectral properties of luminescent terbium and europium complexes with open-chain carboxylate crown ethers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 3085-3092.	3.9	11
63	Determination of Trace Terbium(III) Based on New Fluorescence Enhancement System of Terbium(III) with 1,7-bis-(2'-Carboxylphenyl)-1,4,7-trioxaheptane by Sodium Acetate in Dimethyl Sulfoxide. <i>Analytical Letters</i> , 2003, 36, 161-174.	1.8	6
64	Synthesis and Spectral Properties of Luminescent Europium(III) and Terbium(III) Complexes with an Amide-Based, Open-Chain Crown Ether. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2003, 33, 883-897.	1.8	1
65	DETERMINATION OF NUCLEIC ACIDS AT NANOGRAM LEVELS BY THE METHOD OF RESONANCE LIGHT SCATTERING ON NIGHT BLUE. <i>Analytical Letters</i> , 2002, 35, 111-121.	1.8	5