

Guo-Qiang Feng

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

101
papers

4,512
citations

40
h-index

62
g-index

106
ext. papers

5,249
ext. citations

6.9
avg, IF

6.47
L-index

#	Paper	IF	Citations
101	Near-infrared fluorescent probe for detection of thiophenols in water samples and living cells. <i>Analytical Chemistry</i> , 2014 , 86, 8835-41	7.8	173
100	Rapid and ratiometric fluorescent detection of cysteine with high selectivity and sensitivity by a simple and readily available probe. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 17543-50	9.5	154
99	Aldehyde group assisted thiolysis of dinitrophenyl ether: a new promising approach for efficient hydrogen sulfide probes. <i>Chemical Communications</i> , 2014 , 50, 9185-7	5.8	142
98	A highly reactive mononuclear Zn(II) complex for phosphodiester cleavage. <i>Journal of the American Chemical Society</i> , 2005 , 127, 13470-1	16.4	134
97	Efficient phosphodiester binding and cleavage by a ZnII complex combining hydrogen-bonding interactions and double Lewis acid activation. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7056-9	16.4	128
96	Comparing a mononuclear Zn(II) complex with hydrogen bond donors with a dinuclear Zn(II) complex for catalysing phosphate ester cleavage. <i>Chemical Communications</i> , 2006 , 1845-7	5.8	128
95	Real-time detection of hypochlorite in tap water and biological samples by a colorimetric, ratiometric and near-infrared fluorescent turn-on probe. <i>Analyst</i> , 2015 , 140, 4687-93	5	125
94	A readily available colorimetric and near-infrared fluorescent turn-on probe for rapid and selective detection of cysteine in living cells. <i>Biosensors and Bioelectronics</i> , 2015 , 68, 316-321	11.8	125
93	Allyl Fluorescein Ethers as Promising Fluorescent Probes for Carbon Monoxide Imaging in Living Cells. <i>Analytical Chemistry</i> , 2017 , 89, 3754-3760	7.8	110
92	Readily Available Fluorescent Probe for Carbon Monoxide Imaging in Living Cells. <i>Analytical Chemistry</i> , 2016 , 88, 10648-10653	7.8	98
91	A visible light excitable colorimetric and fluorescent ES IPT probe for rapid and selective detection of hydrogen sulfide. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 438-45	3.9	96
90	A near-infrared fluorescent probe for rapid, colorimetric and ratiometric detection of bisulfite in food, serum, and living cells. <i>Sensors and Actuators B: Chemical</i> , 2015 , 211, 377-384	8.5	96
89	A low dose, highly selective and sensitive colorimetric and fluorescent probe for biothiols and its application in bioimaging. <i>Chemical Communications</i> , 2014 , 50, 14002-5	5.8	93
88	Near-Infrared Fluorescent Turn-on Probe with a Remarkable Large Stokes Shift for Imaging Selenocysteine in Living Cells and Animals. <i>Analytical Chemistry</i> , 2017 , 89, 6106-6112	7.8	87
87	Selenocysteine detection and bioimaging in living cells by a colorimetric and near-infrared fluorescent turn-on probe with a large stokes shift. <i>Biosensors and Bioelectronics</i> , 2017 , 87, 894-900	11.8	80
86	An aza-coumarin-hemicyanine based near-infrared fluorescent probe for rapid, colorimetric and ratiometric detection of bisulfite in food and living cells. <i>Sensors and Actuators B: Chemical</i> , 2017 , 243, 51-58	8.5	73
85	Smart probe for rapid and simultaneous detection and discrimination of hydrogen sulfide, cysteine/homocysteine, and glutathione. <i>Sensors and Actuators B: Chemical</i> , 2016 , 235, 691-697	8.5	73

84	Highly selective near-infrared fluorescent probe with rapid response, remarkable large Stokes shift and bright fluorescence for H ₂ S detection in living cells and animals. <i>Sensors and Actuators B: Chemical</i> , 2018 , 262, 837-844	8.5	71
83	A Trojan horse transition state analogue generated by MgF ₃ - formation in an enzyme active site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 14732-7	11.5	66
82	Cleavage and isomerization of UpU promoted by dinuclear metal ion complexes. <i>Journal of the American Chemical Society</i> , 2008 , 130, 4232-3	16.4	65
81	A colorimetric and near-infrared fluorescent turn-on probe for rapid detection of sulfite. <i>Sensors and Actuators B: Chemical</i> , 2016 , 231, 752-758	8.5	64
80	A readily available colorimetric and near-infrared fluorescent turn-on probe for detection of carbon monoxide in living cells and animals. <i>Sensors and Actuators B: Chemical</i> , 2018 , 255, 2314-2320	8.5	63
79	Visualization of ONOO and Viscosity in Drug-Induced Hepatotoxicity with Different Fluorescence Signals by a Sensitive Fluorescent Probe. <i>Analytical Chemistry</i> , 2020 , 92, 14667-14675	7.8	61
78	Colorimetric and ratiometric fluorescent detection of carbon monoxide in air, aqueous solution, and living cells by a naphthalimide-based probe. <i>Sensors and Actuators B: Chemical</i> , 2017 , 251, 389-395	8.5	59
77	A colorimetric and ratiometric fluorescent probe with enhanced near-infrared fluorescence for selective detection of cysteine and its application in living cells. <i>Dyes and Pigments</i> , 2017 , 146, 103-111	4.6	59
76	A red to near-infrared fluorescent probe featuring a super large Stokes shift for light-up detection of endogenous H ₂ S. <i>Dyes and Pigments</i> , 2019 , 160, 787-793	4.6	59
75	Colorimetric and ratiometric fluorescent detection of bisulfite by a new HBT-hemicyanine hybrid. <i>Analytica Chimica Acta</i> , 2016 , 920, 72-9	6.6	56
74	A colorimetric and near-infrared fluorescent probe for biothiols and its application in living cells. <i>RSC Advances</i> , 2014 , 4, 46561-46567	3.7	55
73	Highly selective colorimetric sensing pyrophosphate in water by a NBD-phenoxo-bridged dinuclear Zn(II) complex. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 5606-12	3.9	52
72	Lighting up carbon monoxide in living cells by a readily available and highly sensitive colorimetric and fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2017 , 240, 625-630	8.5	51
71	Highly selective and sensitive fluorescent sensing of oxalate in water. <i>Chemical Communications</i> , 2012 , 48, 6951-3	5.8	51
70	Nitrobenzoxadiazole Ether-Based Near-Infrared Fluorescent Probe with Unexpected High Selectivity for HS Imaging in Living Cells and Mice. <i>Analytical Chemistry</i> , 2019 , 91, 13136-13142	7.8	49
69	Rapid and highly selective detection of H ₂ S by nitrobenzofurazan (NBD) ether-based fluorescent probes with an aldehyde group. <i>Sensors and Actuators B: Chemical</i> , 2017 , 238, 619-625	8.5	49
68	A rapid responsive colorimetric and near-infrared fluorescent turn-on probe for imaging exogenous and endogenous peroxyxynitrite in living cells. <i>Sensors and Actuators B: Chemical</i> , 2018 , 269, 15-21	8.5	48
67	A simple and readily available fluorescent turn-on probe for cysteine detection and bioimaging in living cells. <i>Dyes and Pigments</i> , 2017 , 139, 73-78	4.6	46

66	Umpolung of Imines Enables Catalytic Asymmetric Regio-reversed [3+2] Cycloadditions of Iminoesters with Nitroolefins. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5888-5892	16.4	43
65	Mechanistic study of protein phosphatase-1 (PP1), a catalytically promiscuous enzyme. <i>Journal of the American Chemical Society</i> , 2008 , 130, 13673-82	16.4	43
64	Enantioselective synthesis of chiral cyclopropane compounds through microbial transformations of trans-2-arylcyclopropanecarbonitriles. <i>Tetrahedron Letters</i> , 2000 , 41, 6501-6505	2	41
63	A near-infrared fluorescent probe for imaging endogenous carbon monoxide in living systems with a large Stokes shift. <i>Talanta</i> , 2019 , 201, 40-45	6.2	40
62	Near-Infrared Mitochondria-Targetable Fluorescent Probe for High-Contrast Bioimaging of HS. <i>Analytical Chemistry</i> , 2021 , 93, 5700-5708	7.8	40
61	Readily prepared iminocoumarin for rapid, colorimetric and ratiometric fluorescent detection of phosgene. <i>Analytica Chimica Acta</i> , 2018 , 1029, 97-103	6.6	39
60	Robust and specific ratiometric biosensing using a copper-free clicked quantum dot-DNA aptamer sensor. <i>Nanoscale</i> , 2013 , 5, 10307-15	7.7	39
59	Introducing ligand-based hydrogen bond donors to a receptor: both selectivity and binding affinity for anion recognition in water can be improved. <i>Journal of Organic Chemistry</i> , 2012 , 77, 11405-8	4.2	39
58	Nitrile biotransformation for highly enantioselective synthesis of 3-substituted 2,2-dimethylcyclopropanecarboxylic acids and amides. <i>Journal of Organic Chemistry</i> , 2003 , 68, 621-4	4.2	38
57	A Fluorescent ES IPT Probe for Imaging CO-Releasing Molecule-3 in Living Systems. <i>Analytical Chemistry</i> , 2019 , 91, 8602-8606	7.8	37
56	A dual-channel probe with green and near-infrared fluorescence changes for <i>in vitro</i> and <i>in vivo</i> detection of peroxyxynitrite. <i>Analytica Chimica Acta</i> , 2019 , 1054, 137-144	6.6	37
55	Enzymatic synthesis of optically active 2-methyl- and 2,2-dimethylcyclopropanecarboxylic acids and their derivatives. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2002 , 18, 267-272		36
54	A novel approach to enantiopure cyclopropane compounds from biotransformation of nitriles. <i>New Journal of Chemistry</i> , 2002 , 26, 1575-1583	3.6	36
53	A colorimetric and near-infrared fluorescent turn-on probe for <i>in vitro</i> and <i>in vivo</i> detection of thiophenols. <i>Analytical Methods</i> , 2015 , 7, 7534-7539	3.2	35
52	An ultrasensitive fluorescent probe for phosgene detection in solution and in air. <i>Dyes and Pigments</i> , 2019 , 163, 483-488	4.6	35
51	A highly selective and sensitive colorimetric and near-infrared fluorescent turn-on probe for rapid detection of palladium in drugs and living cells. <i>Sensors and Actuators B: Chemical</i> , 2018 , 258, 98-104	8.5	35
50	Kinetic analysis of beta-phosphoglucomutase and its inhibition by magnesium fluoride. <i>Journal of the American Chemical Society</i> , 2009 , 131, 1575-88	16.4	33
49	Synthesis of high enantiomeric purity gem-dihalocyclopropane derivatives from biotransformations of nitriles and amides. <i>Tetrahedron: Asymmetry</i> , 2004 , 15, 347-354		33

48	Nitrile and Amide Biotransformations for Efficient Synthesis of Enantiopure gem-Dihalocyclopropane Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2003 , 345, 695-698	5.6	33
47	A lysosome-targetable fluorescent probe for imaging ONOO ⁻ in living cells and animals. <i>Dyes and Pigments</i> , 2019 , 164, 174-181	4.6	32
46	In vivo imaging of Fe ²⁺ using an easily obtained probe with a large Stokes shift and bright strong lipid droplet-targetable near-infrared fluorescence. <i>Sensors and Actuators B: Chemical</i> , 2020 , 309, 127796	8.5	31
45	Rapid and selective detection of fluoride in aqueous solution by a new hemicyanine-based colorimetric and fluorescent chemodosimeter. <i>RSC Advances</i> , 2013 , 3, 20171	3.7	31
44	Near-infrared fluorescent probe with rapid response and large Stokes shift for imaging peroxyxynitrite in living cells, zebrafish and mice. <i>Dyes and Pigments</i> , 2020 , 172, 107820	4.6	30
43	Near-infrared fluorescent probe with a super large Stokes shift for tracking CO in living systems based on a novel coumarin-dicyanoisophorone hybrid. <i>Dyes and Pigments</i> , 2019 , 170, 107634	4.6	28
42	Colorimetric and near infrared fluorescent detection of cyanide by a new phenanthroimidazole-indolium conjugated probe. <i>RSC Advances</i> , 2014 , 4, 14752-14757	3.7	28
41	Discriminating chiral molecules of (R)-PPA and (S)-PPA in aqueous solution by ECSTM. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3408-11	16.4	28
40	Rapid detection of CO in vitro and in vivo with a ratiometric probe showing near-infrared turn-on fluorescence, large Stokes shift, and high signal-to-noise ratio. <i>Sensors and Actuators B: Chemical</i> , 2019 , 301, 127075	8.5	27
39	A new ratiometric fluorescent probe for the detection of thiophenols. <i>RSC Advances</i> , 2015 , 5, 94216-94237	3.7	27
38	Rapid detection of hydrazine in almost wholly water solution and in living cells with a new colorimetric and fluorescent turn-on probe. <i>Analytical Methods</i> , 2016 , 8, 5832-5837	3.2	27
37	Mechanism and transition state structure of aryl methylphosphonate esters doubly coordinated to a dinuclear cobalt(III) center. <i>Journal of the American Chemical Society</i> , 2009 , 131, 12771-9	16.4	27
36	A novel phthalimide-rhodol-based ESIPT-FRET system for rapid colorimetric and ratiometric fluorescent detection of palladium. <i>Sensors and Actuators B: Chemical</i> , 2018 , 260, 554-562	8.5	26
35	Iminocoumarin-based red to near-infrared fluorescent turn-on probe with a large Stokes shift for imaging H ₂ S in living cells and animals. <i>Dyes and Pigments</i> , 2019 , 163, 447-453	4.6	24
34	Aggregation-induced emission and solid fluorescence of fluorescein derivatives. <i>Chemical Communications</i> , 2020 , 56, 2511-2513	5.8	23
33	CO release with ratiometric fluorescence changes: a promising visible-light-triggered metal-free CO-releasing molecule. <i>Chemical Communications</i> , 2019 , 55, 8987-8990	5.8	23
32	Highly selective and controllable pyrophosphate induced anthracene-excimer formation in water. <i>RSC Advances</i> , 2014 , 4, 484-487	3.7	23
31	An unexpected highly selective mononuclear zinc complex for adenosine diphosphate (ADP). <i>Chemical Communications</i> , 2013 , 49, 11704-6	5.8	23

30	Phi(OAc) ₂ -mediated functionalisation of unactivated alkenes for the synthesis of pyrazoline and isoxazoline derivatives. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 3457-61	3.9	23
29	A dicyanoisophorone-based near-infrared fluorescent probe and its application for detecting thiophenols in water and living cells. <i>Dyes and Pigments</i> , 2018 , 159, 604-609	4.6	22
28	Fluorescence sensing of ADP over ATP and PPI in 100% aqueous solution. <i>Analyst, The</i> , 2015 , 140, 5873-6	3.6	21
27	A simple but effective colorimetric and far-red to near-infrared fluorescent probe for palladium and its application in living cells. <i>Dyes and Pigments</i> , 2018 , 152, 112-117	4.6	20
26	Rapid and selective detection of selenocysteine with a known readily available colorimetric and fluorescent turn-on probe. <i>Dyes and Pigments</i> , 2018 , 149, 475-480	4.6	20
25	Discrimination of adenine nucleotides and pyrophosphate in water by a zinc complex of an anthracene-based cyclophane. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 3701-6	3.9	20
24	Phosphate ester analogues as probes for understanding enzyme catalysed phosphoryl transfer. <i>Faraday Discussions</i> , 2010 , 145, 281-299	3.6	19
23	Efficient Phosphodiester Binding and Cleavage by a ZnII Complex Combining Hydrogen-Bonding Interactions and Double Lewis Acid Activation. <i>Angewandte Chemie</i> , 2006 , 118, 7214-7217	3.6	19
22	A novel reaction-based fluorescence probe for rapid imaging of HClO in live cells, animals, and injured liver tissues. <i>Talanta</i> , 2020 , 215, 120901	6.2	18
21	One probe for multiple targets: A NIR fluorescent rhodamine-based probe for ONOO ⁻ and lysosomal pH detection in live cells. <i>Sensors and Actuators B: Chemical</i> , 2021 , 337, 129732	8.5	18
20	Photo-induced molecular-recognition-mediated adhesion of giant vesicles. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 4289-95	3.9	17
19	A NIR fluorescence probe having significant fluorescence turn-on signal at 700nm and large Stokes shift for rapid detection of HOCl in vivo. <i>Talanta</i> , 2021 , 223, 121768	6.2	17
18	Highly sensitive and selective detection of biothiols by a new low dose colorimetric and fluorescent probe. <i>RSC Advances</i> , 2015 , 5, 62325-62330	3.7	16
17	NIR fluorescent probe based on a modified rhodol-dye with good water solubility and large Stokes shift for monitoring CO in living systems. <i>Talanta</i> , 2020 , 215, 120914	6.2	15
16	Development of a new ratiometric probe with near-infrared fluorescence and a large Stokes shift for detection of gasotransmitter CO in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 227, 117657	4.4	15
15	Development of a near-infrared fluorescent sensor with a large Stokes shift for sensing pyrophosphate in living cells and animals. <i>Analytica Chimica Acta</i> , 2018 , 1034, 119-127	6.6	15
14	Imaging and Tracking Carbon Monoxide-Releasing Molecule-3 with an NIR Fluorescent Probe. <i>ACS Sensors</i> , 2021 , 6, 1312-1320	9.2	13
13	Umpolung of Imines Enables Catalytic Asymmetric Regio-reversed [3+2] Cycloadditions of Iminoesters with Nitroolefins. <i>Angewandte Chemie</i> , 2018 , 130, 5990-5994	3.6	11

12	Isothiocyanate can be used as a highly specific recognition site for fluorescent cysteine probes. <i>Sensors and Actuators B: Chemical</i> , 2021 , 326, 129016	8.5	11
11	Highly Enantioselective Microbial Hydrolysis of cis-2-Arylcyclopropanecarbonitriles. <i>Chinese Journal of Chemistry</i> , 2010 , 19, 113-115	4.9	10
10	Chemoenzymatic synthesis of enantiopure geminally dimethylated cyclopropane-based C2- and pseudo-C2-symmetric diamines. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 2775-2780		10
9	Smart dual-response probe reveals an increase of GSH level and viscosity in Cisplatin-induced apoptosis and provides dual-channel imaging for tumor. <i>Sensors and Actuators B: Chemical</i> , 2022 , 351, 130940	8.5	8
8	RAFT Synthesis and Self-Assembly of Free-Base Porphyrin Cored Star Polymers. <i>International Journal of Polymer Science</i> , 2011 , 2011, 1-11	2.4	7
7	Two Water-Soluble and Wash-Free Fluorogenic Probes for Specific Lighting Up Cancer Cell Membranes and Tumors.. <i>Analytical Chemistry</i> , 2022 ,	7.8	7
6	Real-time tracking lysosomal pH changes under heatstroke and redox stress with a novel near-infrared emissive probe. <i>Talanta</i> , 2021 , 228, 122184	6.2	7
5	Golgi-targetable fluorescent probe for ratiometric imaging of CO in cells and zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2021 , 347, 130631	8.5	7
4	Real-Time and High-Fidelity Tracking of Lysosomal Dynamics with a Dicyanoisophorone-Based Fluorescent Probe. <i>Analytical Chemistry</i> , 2021 ,	7.8	6
3	Crystal Structure of StnA for the Biosynthesis of Antitumor Drug Streptonigrin Reveals a Unique Substrate Binding Mode. <i>Scientific Reports</i> , 2017 , 7, 40254	4.9	4
2	A unique probe enables labeling cell membrane and Golgi apparatus and tracking peroxynitrite in Golgi oxidative stress and drug-induced liver injury. <i>Sensors and Actuators B: Chemical</i> , 2022 , 361, 131751	8.5	2
1	A Pd-Free Near-Infrared Fluorescent Probe Based on Allyl Ether Isomerization for Tracking CORM-3 with High Contrast Imaging in Living Systems.. <i>Analytical Chemistry</i> , 2022 ,	7.8	1