

# Guo-Qiang Feng

## List of Publications by Year in Descending Order

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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	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> , <b>2022</b> ,	7.8	1
100	Two Water-Soluble and Wash-Free Fluorogenic Probes for Specific Lighting Up Cancer Cell Membranes and Tumors.. <i>Analytical Chemistry</i> , <b>2022</b> ,	7.8	7
99	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> , <b>2022</b> , 351, 130940	8.5	8
98	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> , <b>2022</b> , 361, 131751	8.5	2
97	Near-Infrared Mitochondria-Targetable Fluorescent Probe for High-Contrast Bioimaging of HS. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 5700-5708	7.8	40
96	Real-time tracking lysosomal pH changes under heatstroke and redox stress with a novel near-infrared emissive probe. <i>Talanta</i> , <b>2021</b> , 228, 122184	6.2	7
95	One probe for multiple targets: A NIR fluorescent rhodamine-based probe for ONOO <sup>-</sup> and lysosomal pH detection in live cells. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 337, 129732	8.5	18
94	Isothiocyanate can be used as a highly specific recognition site for fluorescent cysteine probes. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 326, 129016	8.5	11
93	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> , <b>2021</b> , 223, 121768	6.2	17
92	Imaging and Tracking Carbon Monoxide-Releasing Molecule-3 with an NIR Fluorescent Probe. <i>ACS Sensors</i> , <b>2021</b> , 6, 1312-1320	9.2	13
91	Golgi-targetable fluorescent probe for ratiometric imaging of CO in cells and zebrafish. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 347, 130631	8.5	7
90	Real-Time and High-Fidelity Tracking of Lysosomal Dynamics with a Dicyanoisophorone-Based Fluorescent Probe. <i>Analytical Chemistry</i> , <b>2021</b> ,	7.8	6
89	A novel reaction-based fluorescence probe for rapid imaging of HClO in live cells, animals, and injured liver tissues. <i>Talanta</i> , <b>2020</b> , 215, 120901	6.2	18
88	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> , <b>2020</b> , 215, 120914	6.2	15
87	Aggregation-induced emission and solid fluorescence of fluorescein derivatives. <i>Chemical Communications</i> , <b>2020</b> , 56, 2511-2513	5.8	23
86	In vivo imaging of Fe <sup>2+</sup> 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> , <b>2020</b> , 309, 127796	8.5	31
85	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> , <b>2020</b> , 227, 117657	4.4	15

84	Visualization of ONOO and Viscosity in Drug-Induced Hepatotoxicity with Different Fluorescence Signals by a Sensitive Fluorescent Probe. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 14667-14675	7.8	61
83	Near-infrared fluorescent probe with rapid response and large Stokes shift for imaging peroxynitrite in living cells, zebrafish and mice. <i>Dyes and Pigments</i> , <b>2020</b> , 172, 107820	4.6	30
82	Nitrobenzoxadiazole Ether-Based Near-Infrared Fluorescent Probe with Unexpected High Selectivity for HS Imaging in Living Cells and Mice. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 13136-13142	7.8	49
81	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> , <b>2019</b> , 301, 127075	8.5	27
80	A lysosome-targetable fluorescent probe for imaging ONOO <sup>-</sup> in living cells and animals. <i>Dyes and Pigments</i> , <b>2019</b> , 164, 174-181	4.6	32
79	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> , <b>2019</b> , 170, 107634	4.6	28
78	A Fluorescent ESIPT Probe for Imaging CO-Releasing Molecule-3 in Living Systems. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 8602-8606	7.8	37
77	A near-infrared fluorescent probe for imaging endogenous carbon monoxide in living systems with a large Stokes shift. <i>Talanta</i> , <b>2019</b> , 201, 40-45	6.2	40
76	CO release with ratiometric fluorescence changes: a promising visible-light-triggered metal-free CO-releasing molecule. <i>Chemical Communications</i> , <b>2019</b> , 55, 8987-8990	5.8	23
75	A red to near-infrared fluorescent probe featuring a super large Stokes shift for light-up detection of endogenous H <sub>2</sub> S. <i>Dyes and Pigments</i> , <b>2019</b> , 160, 787-793	4.6	59
74	Iminocoumarin-based red to near-infrared fluorescent turn-on probe with a large Stokes shift for imaging H <sub>2</sub> S in living cells and animals. <i>Dyes and Pigments</i> , <b>2019</b> , 163, 447-453	4.6	24
73	An ultrasensitive fluorescent probe for phosgene detection in solution and in air. <i>Dyes and Pigments</i> , <b>2019</b> , 163, 483-488	4.6	35
72	A dual-channel probe with green and near-infrared fluorescence changes for in vitro and in vivo detection of peroxynitrite. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1054, 137-144	6.6	37
71	Readily prepared iminocoumarin for rapid, colorimetric and ratiometric fluorescent detection of phosgene. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1029, 97-103	6.6	39
70	Umpolung of Imines Enables Catalytic Asymmetric Regio-reversed [3+2] Cycloadditions of Iminoesters with Nitroolefins. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 5990-5994	3.6	11
69	Umpolung of Imines Enables Catalytic Asymmetric Regio-reversed [3+2] Cycloadditions of Iminoesters with Nitroolefins. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 5888-5892	16.4	43
68	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> , <b>2018</b> , 152, 112-117	4.6	20
67	Highly selective near-infrared fluorescent probe with rapid response, remarkable large Stokes shift and bright fluorescence for H <sub>2</sub> S detection in living cells and animals. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 262, 837-844	8.5	71

66	A novel phthalimide-rhodol-based ESIPT-FRET system for rapid colorimetric and ratiometric fluorescent detection of palladium. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 260, 554-562	8.5	26
65	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> , <b>2018</b> , 269, 15-21	8.5	48
64	Rapid and selective detection of selenocysteine with a known readily available colorimetric and fluorescent turn-on probe. <i>Dyes and Pigments</i> , <b>2018</b> , 149, 475-480	4.6	20
63	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> , <b>2018</b> , 255, 2314-2320	8.5	63
62	A dicyanoisophorone-based near-infrared fluorescent probe and its application for detecting thiophenols in water and living cells. <i>Dyes and Pigments</i> , <b>2018</b> , 159, 604-609	4.6	22
61	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> , <b>2018</b> , 258, 98-104	8.5	35
60	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> , <b>2018</b> , 1034, 119-127	6.6	15
59	Crystal Structure of StnA for the Biosynthesis of Antitumor Drug Streptonigrin Reveals a Unique Substrate Binding Mode. <i>Scientific Reports</i> , <b>2017</b> , 7, 40254	4.9	4
58	Allyl Fluorescein Ethers as Promising Fluorescent Probes for Carbon Monoxide Imaging in Living Cells. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 3754-3760	7.8	110
57	Near-Infrared Fluorescent Turn-on Probe with a Remarkable Large Stokes Shift for Imaging Selenocysteine in Living Cells and Animals. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 6106-6112	7.8	87
56	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> , <b>2017</b> , 243, 51-58	8.5	73
55	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> , <b>2017</b> , 251, 389-395	8.5	59
54	A simple and readily available fluorescent turn-on probe for cysteine detection and bioimaging in living cells. <i>Dyes and Pigments</i> , <b>2017</b> , 139, 73-78	4.6	46
53	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> , <b>2017</b> , 146, 103-111	4.6	59
52	Rapid and highly selective detection of H <sub>2</sub> S by nitrobenzofurazan (NBD) ether-based fluorescent probes with an aldehyde group. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 238, 619-625	8.5	49
51	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> , <b>2017</b> , 240, 625-630	8.5	51
50	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> , <b>2017</b> , 87, 894-900	11.8	80
49	Smart probe for rapid and simultaneous detection and discrimination of hydrogen sulfide, cysteine/homocysteine, and glutathione. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 235, 691-697	8.5	73

48	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> , <b>2016</b> , 8, 5832-5837	3.2	27
47	A colorimetric and near-infrared fluorescent turn-on probe for rapid detection of sulfite. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 231, 752-758	8.5	64
46	Colorimetric and ratiometric fluorescent detection of bisulfite by a new HBT-hemicyanine hybrid. <i>Analytica Chimica Acta</i> , <b>2016</b> , 920, 72-9	6.6	56
45	Readily Available Fluorescent Probe for Carbon Monoxide Imaging in Living Cells. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 10648-10653	7.8	98
44	Fluorescence sensing of ADP over ATP and PPI in 100% aqueous solution. <i>Analyst, The</i> , <b>2015</b> , 140, 5873-6	5	21
43	A colorimetric and near-infrared fluorescent turn-on probe for in vitro and in vivo detection of thiophenols. <i>Analytical Methods</i> , <b>2015</b> , 7, 7534-7539	3.2	35
42	Highly sensitive and selective detection of biothiols by a new low dose colorimetric and fluorescent probe. <i>RSC Advances</i> , <b>2015</b> , 5, 62325-62330	3.7	16
41	A new ratiometric fluorescent probe for the detection of thiophenols. <i>RSC Advances</i> , <b>2015</b> , 5, 94216-94224	3.7	27
40	Real-time detection of hypochlorite in tap water and biological samples by a colorimetric, ratiometric and near-infrared fluorescent turn-on probe. <i>Analyst, The</i> , <b>2015</b> , 140, 4687-93	5	125
39	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> , <b>2015</b> , 211, 377-384	8.5	96
38	Phi(OAc) <sub>2</sub> -mediated functionalisation of unactivated alkenes for the synthesis of pyrazoline and isoxazoline derivatives. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 3457-61	3.9	23
37	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> , <b>2015</b> , 68, 316-321	11.8	125
36	A low dose, highly selective and sensitive colorimetric and fluorescent probe for biothiols and its application in bioimaging. <i>Chemical Communications</i> , <b>2014</b> , 50, 14002-5	5.8	93
35	Highly selective and controllable pyrophosphate induced anthracene-excimer formation in water. <i>RSC Advances</i> , <b>2014</b> , 4, 484-487	3.7	23
34	Rapid and ratiometric fluorescent detection of cysteine with high selectivity and sensitivity by a simple and readily available probe. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 17543-50	9.5	154
33	A colorimetric and near-infrared fluorescent probe for biothiols and its application in living cells. <i>RSC Advances</i> , <b>2014</b> , 4, 46561-46567	3.7	55
32	Aldehyde group assisted thiolysis of dinitrophenyl ether: a new promising approach for efficient hydrogen sulfide probes. <i>Chemical Communications</i> , <b>2014</b> , 50, 9185-7	5.8	142
31	Discrimination of adenine nucleotides and pyrophosphate in water by a zinc complex of an anthracene-based cyclophane. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 3701-6	3.9	20

30	Near-infrared fluorescent probe for detection of thiophenols in water samples and living cells. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 8835-41	7.8	173
29	Colorimetric and near infrared fluorescent detection of cyanide by a new phenanthroimidazole[tholium conjugated probe. <i>RSC Advances</i> , <b>2014</b> , 4, 14752-14757	3.7	28
28	A visible light excitable colorimetric and fluorescent ESIPT probe for rapid and selective detection of hydrogen sulfide. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 438-45	3.9	96
27	Robust and specific ratiometric biosensing using a copper-free clicked quantum dot-DNA aptamer sensor. <i>Nanoscale</i> , <b>2013</b> , 5, 10307-15	7.7	39
26	Rapid and selective detection of fluoride in aqueous solution by a new hemicyanine-based colorimetric and fluorescent chemodosimeter. <i>RSC Advances</i> , <b>2013</b> , 3, 20171	3.7	31
25	An unexpected highly selective mononuclear zinc complex for adenosine diphosphate (ADP). <i>Chemical Communications</i> , <b>2013</b> , 49, 11704-6	5.8	23
24	Highly selective colorimetric sensing pyrophosphate in water by a NBD-phenoxo-bridged dinuclear Zn(II) complex. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 5606-12	3.9	52
23	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> , <b>2012</b> , 77, 11405-8	4.2	39
22	Highly selective and sensitive fluorescent sensing of oxalate in water. <i>Chemical Communications</i> , <b>2012</b> , 48, 6951-3	5.8	51
21	RAFT Synthesis and Self-Assembly of Free-Base Porphyrin Cored Star Polymers. <i>International Journal of Polymer Science</i> , <b>2011</b> , 2011, 1-11	2.4	7
20	Phosphate ester analogues as probes for understanding enzyme catalysed phosphoryl transfer. <i>Faraday Discussions</i> , <b>2010</b> , 145, 281-299	3.6	19
19	Highly Enantioselective Microbial Hydrolysis of cis-2-Arylcyclopropanecarbonitriles. <i>Chinese Journal of Chemistry</i> , <b>2010</b> , 19, 113-115	4.9	10
18	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> , <b>2009</b> , 131, 12771-9	16.4	27
17	Kinetic analysis of beta-phosphoglucomutase and its inhibition by magnesium fluoride. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 1575-88	16.4	33
16	Photo-induced molecular-recognition-mediated adhesion of giant vesicles. <i>Organic and Biomolecular Chemistry</i> , <b>2009</b> , 7, 4289-95	3.9	17
15	Cleavage and isomerization of UpU promoted by dinuclear metal ion complexes. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 4232-3	16.4	65
14	Mechanistic study of protein phosphatase-1 (PP1), a catalytically promiscuous enzyme. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 13673-82	16.4	43
13	Chemoenzymatic synthesis of enantiopure geminally dimethylated cyclopropane-based C2- and pseudo-C2-symmetric diamines. <i>Tetrahedron: Asymmetry</i> , <b>2006</b> , 17, 2775-2780		10

12	Efficient phosphodiester binding and cleavage by a ZnII complex combining hydrogen-bonding interactions and double Lewis acid activation. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 7056-9	16.4	128
11	Efficient Phosphodiester Binding and Cleavage by a ZnII Complex Combining Hydrogen-Bonding Interactions and Double Lewis Acid Activation. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 7214-7217	3.6	19
10	A Trojan horse transition state analogue generated by MgF <sub>3</sub> <sup>-</sup> formation in an enzyme active site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 14732-7	11.5	66
9	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> , <b>2006</b> , 1845-7	5.8	128
8	A highly reactive mononuclear Zn(II) complex for phosphodiester cleavage. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 13470-1	16.4	134
7	Synthesis of high enantiomeric purity gem-dihalocyclopropane derivatives from biotransformations of nitriles and amides. <i>Tetrahedron: Asymmetry</i> , <b>2004</b> , 15, 347-354		33
6	Nitrile and Amide Biotransformations for Efficient Synthesis of Enantiopure gem-Dihalocyclopropane Derivatives. <i>Advanced Synthesis and Catalysis</i> , <b>2003</b> , 345, 695-698	5.6	33
5	Nitrile biotransformation for highly enantioselective synthesis of 3-substituted 2,2-dimethylcyclopropanecarboxylic acids and amides. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 621-4	4.2	38
4	Enzymatic synthesis of optically active 2-methyl- and 2,2-dimethylcyclopropanecarboxylic acids and their derivatives. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2002</b> , 18, 267-272		36
3	Discriminating chiral molecules of (R)-PPA and (S)-PPA in aqueous solution by ECSTM. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 3408-11	16.4	28
2	A novel approach to enantiopure cyclopropane compounds from biotransformation of nitriles. <i>New Journal of Chemistry</i> , <b>2002</b> , 26, 1575-1583	3.6	36
1	Enantioselective synthesis of chiral cyclopropane compounds through microbial transformations of trans-2-arylcyclopropanecarbonitriles. <i>Tetrahedron Letters</i> , <b>2000</b> , 41, 6501-6505	2	41