

Ying Qian

List of Publications by Year in descending order

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96
papers

2,048
citations

218677

26
h-index

330143

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docs citations

96
times ranked

1854
citing authors

#	ARTICLE	IF	CITATIONS
1	A minireview of viscosity-sensitive fluorescent probes: design and biological applications. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9642-9651.	5.8	117
2	Near-infrared BODIPY-based two-photon ClO ⁻ probe based on thiosemicarbazide desulfurization reaction: naked-eye detection and mitochondrial imaging. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5854-5861.	5.8	79
3	A novel naphthalimide-rhodamine dye: Intramolecular fluorescence resonance energy transfer and ratiometric chemodosimeter for Hg ²⁺ and Fe ³⁺ . <i>Dyes and Pigments</i> , 2017, 136, 782-790.	3.7	73
4	A naphthalimide-rhodamine two-photon fluorescent turn-on probe for hypochlorous acid by desulfurization-cyclization and fluorescence resonance energy transfer. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 877-885.	7.8	60
5	Building Rhodamine-BODIPY fluorescent platform using Click reaction: Naked-eye visible and multi-channel chemodosimeter for detection of Fe ³⁺ and Hg ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 666-675.	7.8	57
6	A novel pyridyl triphenylamine-BODIPY aldoxime: Naked-eye visible and fluorometric chemodosimeter for hypochlorite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 183, 356-361.	3.9	50
7	A novel triphenylamine-BODIPY dendron: click synthesis, near-infrared emission and a multi-channel chemodosimeter for Hg ²⁺ and Fe ³⁺ . <i>Journal of Materials Chemistry B</i> , 2016, 4, 7549-7559.	5.8	49
8	Click synthesis, Hg ²⁺ sensor and Intramolecular fluorescence resonance energy transfer in novel BODIPY dendrons. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 226-234.	7.8	48
9	A novel near-infrared styryl-BODIPY fluorescent probe for discrimination of GSH and its application in living cells. <i>Dyes and Pigments</i> , 2018, 152, 85-92.	3.7	47
10	Construction of a red emission BODIPY-based probe for tracing lysosomal viscosity changes in culture cells. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127271.	7.8	47
11	A water soluble carbazolyl-BODIPY photosensitizer with an orthogonal structure for photodynamic therapy in living cells and zebrafish. <i>Biomaterials Science</i> , 2020, 8, 830-836.	5.4	42
12	Intramolecular fluorescence resonance energy transfer in a novel PDI-BODIPY dendritic structure: Synthesis, Hg ²⁺ sensor and living cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2015, 219, 57-64.	7.8	41
13	Synthesis and Z-scan measurements of third-order optical nonlinearity in push-pull molecules with dihydroxyethyl amino donor and nitro acceptor. <i>Dyes and Pigments</i> , 2007, 75, 218-224.	3.7	38
14	A novel BODIPY-based photosensitizer with pH-active singlet oxygen generation for photodynamic therapy in lysosomes. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 8001-8007.	2.8	38
15	NIR two-photon fluorescent probe for biothiol detection and imaging of living cells <i>in vivo</i> . <i>Analyst</i> , 2018, 143, 5218-5224.	3.5	36
16	The synthesis, photophysical properties and two-photon absorption of triphenylamine multipolar chromophores. <i>Dyes and Pigments</i> , 2009, 80, 174-180.	3.7	32
17	A novel quinoline-BODIPY fluorescent probe for fast sensing biothiols via hydrogen bonds assisted-deprotonation mechanism and its application in cells and zebrafish imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 372, 122-130.	3.9	31
18	A novel (3,6-di-tert-butylcarbazol-9-yl) triphenylamine-BODIPY-tricyanofuran conjugated dye: synthesis and rapid naked-eye detection of hypochlorite. <i>New Journal of Chemistry</i> , 2017, 41, 9607-9612.	2.8	30

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19	The first-order molecular hyperpolarizability and thermal stability of charge-transfer azo diol and azo aldimine. <i>Dyes and Pigments</i> , 2007, 75, 460-465.	3.7	29
20	The investigation of unique water-soluble heptamethine cyanine dye for use as NIR photosensitizer in photodynamic therapy of cancer cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117702.	3.9	29
21	Synthesis and third-order optical nonlinearity in two-dimensional A- π -D- π -A carbazole-cored chromophores. <i>Dyes and Pigments</i> , 2006, 71, 109-117.	3.7	28
22	A novel pyridylvinyl naphthalimide-rhodamine dye: Synthesis, naked-eye visible and ratiometric chemodosimeter for Hg ²⁺ /Fe ³⁺ . <i>Journal of Luminescence</i> , 2017, 187, 33-39.	3.1	28
23	Synthesis of a BODIPY disulfonate near-infrared fluorescence-enhanced probe with high selectivity to endogenous glutathione and two-photon fluorescent turn-on through thiol-induced S_NAr substitution. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3023-3029.	5.8	28
24	A selenamorpholine-based redox-responsive fluorescent probe for targeting lysosome and visualizing exogenous/endogenous hydrogen peroxide in living cells and zebrafish. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2714-2721.	5.8	28
25	Synthesis and intramolecular FRET of perylenediimide- π -naphthalimide dendrons. <i>Dyes and Pigments</i> , 2015, 112, 317-326.	3.7	27
26	A NIR rhodamine fluorescent chemodosimeter specific for glutathione: Knoevenagel condensation, detection of intracellular glutathione and living cell imaging. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1791-1798.	5.8	27
27	Synthesis of a triphenylamine BODIPY photosensitizer with D π -A configuration and its application in intracellular simulated photodynamic therapy. <i>New Journal of Chemistry</i> , 2019, 43, 16829-16834.	2.8	27
28	Synthesis and aggregation-induced emission enhancement of naphthalimide-rhodamine dye. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 329, 88-95.	3.9	26
29	Aggregation-induced emission enhancement and cell imaging of a novel (carbazol-N-yl)triphenylamine- π -BODIPY. <i>New Journal of Chemistry</i> , 2016, 40, 7095-7101.	2.8	26
30	A lysosome targeting probe based on fluorescent protein chromophore for selectively detecting GSH and Cys in living cells. <i>Talanta</i> , 2020, 208, 120461.	5.5	25
31	A smart two-photon fluorescent platform based on desulfurization- π -cyclization: a phthalimide- π -rhodamine chemodosimeter for Hg ²⁺ NIR emission at 746 nm and through-bond energy transfer. <i>New Journal of Chemistry</i> , 2017, 41, 13495-13503.	2.8	25
32	Comparative study of silicon-containing polyimides from different oxydianilines. <i>Journal of Applied Polymer Science</i> , 2004, 94, 2363-2367.	2.6	23
33	A novel BODIPY-Schiff base-based colorimetric and fluorometric dosimeter for Hg ²⁺ , Fe ³⁺ and Au ³⁺ . <i>RSC Advances</i> , 2015, 5, 82887-82893.	3.6	23
34	A NIR facile, cell-compatible fluorescent sensor for glutathione based on Michael addition induced cascade spiro lactam opening and its application in hepatocellular carcinoma. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7486-7494.	5.8	23
35	A TICT-active orthogonal D-A type probe phenothiazine-BODIPY for ratiometric response of hypochlorite and its application in living cells. <i>Journal of Luminescence</i> , 2019, 210, 261-268.	3.1	23
36	A near-infrared and lysosomal targeting thiophene-BODIPY photosensitizer: Synthesis and its imaging guided photodynamic therapy of cancer cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 252, 119512.	3.9	23

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37	A red-emissive oxadiazol-triphenylamine BODIPY dye: synthesis, aggregation-induced fluorescence enhancement and cell imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 336, 183-190.	3.9	21
38	A novel carbazolyl GFP chromophore analogue: synthesis strategy and acidic pH-activatable lysosomal probe for tracing endogenous viscosity changes. <i>New Journal of Chemistry</i> , 2020, 44, 8823-8832.	2.8	21
39	Synthesis and two-photon absorption properties of 2,5-bis[4-(2-arylvinyl)phenyl]-1,3,4-oxadiazoles. <i>Dyes and Pigments</i> , 2007, 75, 641-646.	3.7	20
40	Triphenylamine-BODIPY Fluorescent Dendron: Click Synthesis and Fluorometric Chemodosimeter for Hg ²⁺ , Fe ³⁺ Based on the C=N Bond. <i>ChemistrySelect</i> , 2017, 2, 2406-2413.	1.5	20
41	A conjugated BODIPY-triphenylamine multi-aldoxime: Sonogashira coupling, ratiometric chemodosimeter and rapid detection of hypochlorite with two-photon excited fluorescence. <i>New Journal of Chemistry</i> , 2018, 42, 6910-6917.	2.8	20
42	A highly sensitive two-photon fluorescent probe for glutathione with near-infrared emission at 719 nm and intracellular glutathione imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 217, 68-76.	3.9	20
43	A naphthalimide-rhodamine chemodosimeter for hypochlorite based on TBET: High quantum yield and endogenous imaging in living cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 368, 62-69.	3.9	19
44	A novel ratiometric fluorescent probe for specific detection of HSO ₃ ⁻ at nanomolar level through 1,4-Michael addition. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 387, 112110.	3.9	19
45	3,6-Disubstituted carbazole chromophores containing thiazole and benzothiazole units: Synthesis, characterization and first-order hyperpolarizabilities. <i>Dyes and Pigments</i> , 2008, 76, 277-281.	3.7	18
46	Poly-amidoamine structure characterization: amide resonance structure of imidic acid (HO=C=N) and tertiary ammonium. <i>RSC Advances</i> , 2014, 4, 49535-49540.	3.6	18
47	Construction of an NIR and lysosome-targeted quinoline-BODIPY photosensitizer and its application in photodynamic therapy for human gastric carcinoma cells. <i>Dyes and Pigments</i> , 2020, 181, 108615.	3.7	18
48	A ratiometric and near-infrared fluorescent probe for discrimination of Cys/Hcy/GSH in aqueous solution and its intracellular imaging in living cells. <i>Journal of Luminescence</i> , 2020, 221, 117055.	3.1	18
49	A mitochondria-oriented fluorescent probe for ultrafast and ratiometric detection of HSO ₃ ⁻ based on naphthalimide-hemicyanine. <i>New Journal of Chemistry</i> , 2019, 43, 7606-7612.	2.8	17
50	A novel red-emission phenothiazine fluorescent protein chromophore based on oxygen-chlorine bond (O=C) formation for real-time detection of hypochlorous acid in cells. <i>Talanta</i> , 2021, 222, 121503.	5.5	17
51	A SOCT-ISC type photosensitizer coumarin-BODIPY promoted by AIE effect: Mechanism of singlet oxygen generation, simulated PDT in A-549 cells and fluorescence imaging in zebrafish. <i>Dyes and Pigments</i> , 2021, 195, 109711.	3.7	17
52	A study using quantum chemical theory methods on the intrinsic fluorescence emission and the possible emission mechanisms of PAMAM. <i>RSC Advances</i> , 2014, 4, 58788-58794.	3.6	16
53	Photophysical properties, aggregation-induced fluorescence in nanoaggregates and cell imaging of 2,5-bisaryl 1,3,4-oxadiazoles. <i>New Journal of Chemistry</i> , 2015, 39, 2872-2880.	2.8	16
54	A fast-responded lysosomal-targeted fluorescent probe based on BODIPY with low limit detection for hypochlorous acid and its application of intracellular hypochlorous acid bioimaging. <i>Optical Materials</i> , 2019, 92, 53-59.	3.6	16

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55	The 1,2-unsaturated pyrazolone-based fluorescent sensor with red emission and its application for real-time monitoring hypochlorite in cancer cells and zebrafish. <i>Dyes and Pigments</i> , 2019, 161, 303-312.	3.7	16
56	Red emission cysteine probe with high selectivity based on fluorescent protein chromophores and turn-on fluorescence in cell cultures. <i>Dyes and Pigments</i> , 2019, 166, 350-356.	3.7	15
57	A novel D- π -A BODIPY-stilbene with aggregation-induced red emission and its interaction with bovine serum albumin. <i>Journal of Luminescence</i> , 2018, 202, 206-211.	3.1	14
58	Negative Absorption Peaks in Ultraviolet-Visible Spectrum of Water. <i>ChemistrySelect</i> , 2016, 1, 3443-3448.	1.5	13
59	Near-Infrared Two-Photon Fluorescent Chemodosimeter Based on Rhodamine-BODIPY for Mercury Ion Fluorescence Imaging in Living Cells. <i>ChemistrySelect</i> , 2017, 2, 9970-9976.	1.5	13
60	A efficient light-controlled nitric oxide releaser in aqueous solution and its red fluorescence imaging in lysosome. <i>Dyes and Pigments</i> , 2020, 176, 108247.	3.7	13
61	Synthesis and fluorescence properties of a boron-dipyrin functionalized peryleneimide derivative. <i>RSC Advances</i> , 2015, 5, 86371-86380.	3.6	12
62	Two novel rhodamine-peryleneimide fluorescent probes: Synthesis, photophysical properties, and cell imaging. <i>Chinese Chemical Letters</i> , 2016, 27, 879-886.	9.0	11
63	BODIPY-Triphenylamine with conjugated pyridines and a quaternary pyridium salt: Synthesis, aggregation-induced red emission and interaction with bovine serum albumin. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 346, 311-317.	3.9	11
64	Two effective strategies to improve SOCT-ISC type photosensitizers: Triphenylamine BODIPY with A-D-A configuration and AIE effect and its application in A-549 cells and zebrafish. <i>Dyes and Pigments</i> , 2022, 198, 110018.	3.7	11
65	Chromophores exhibiting nonlinearity-transparency-thermal stability trade-off: synthesis and nonlinear optical properties of two-dimensional chromophores containing nitro acceptors. <i>Optical Materials</i> , 2004, 27, 125-130.	3.6	10
66	Aggregation-induced emission enhancement and living cell imaging of novel diarylanthracene conjugated dyes. <i>New Journal of Chemistry</i> , 2016, 40, 144-150.	2.8	10
67	Novel indole-BODIPY photosensitizers based on iodine promoted intersystem crossing enhancement for lysosome-targeted imaging and photodynamic therapy. <i>New Journal of Chemistry</i> , 2021, 45, 18082-18089.	2.8	10
68	A mitochondria-targeted fluorescent dye naphthalimide-thioether-cyanine for NIR-activated photodynamic treatment of cancer cells. <i>Journal of Materials Chemistry B</i> , 2021, 9, 2462-2468.	5.8	10
69	Efficient π bridges based on five-membered heterocyclic rings for second-order NLO properties of push-pull type molecules. <i>Journal of Materials Chemistry</i> , 2012, 22, 12375.	6.7	9
70	Synthesis and efficient solid-state emission of conjugated donor-acceptor donor triphenylamine chromophores. <i>New Journal of Chemistry</i> , 2013, 37, 1402.	2.8	9
71	Synthesis and efficient three-photon excited green fluorescence of pyridine-triphenylamine conjugated dyes. <i>Dyes and Pigments</i> , 2014, 101, 240-246.	3.7	9
72	A near-infrared fluorescent probe for the discrimination of cysteine in pure aqueous solution and imaging of cysteine in hepatocellular carcinoma cells with facile cell-compatible ability. <i>New Journal of Chemistry</i> , 2019, 43, 3725-3732.	2.8	9

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73	A Novel Naphthalimide-Rhodamine Fluorescence Sensor: Synthesis, Aggregation-Induced Emission Enhancement and Its Dual-Channel Detection Property. <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 151.	1.3	9
74	A Novel Fluorescent Dye Naphthalene Imide-Fluorine Boron Two Pyrrole: Synthesis, Fluorescence Resonance Energy Transfer and Cell Imaging. <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 774.	1.3	9
75	Near-Infrared Quinoline-Fluoroborodipyrrole Dye: Synthesis and Lysosomal Fluorescence Imaging. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 1246.	1.3	9
76	Vibrational resonance enhanced broadband multiphoton absorption in a triphenylamine derivative. <i>Applied Physics Letters</i> , 2007, 91, 121111.	3.3	8
77	Intramolecular fluorescence resonance energy transfer and living cell imaging of novel pyridyltriphenylamine dye. <i>Optical Materials</i> , 2016, 57, 93-101.	3.6	8
78	Aggregation-Induced Emission, Functionalized Fluorescent Nanoparticles and Cells Imaging of a Water-Soluble Pyridyl-Naphthalimide Dendron. <i>ChemistrySelect</i> , 2018, 3, 308-313.	1.5	8
79	CT-BODIPY with Donor-Acceptor Architecture: Red-AIE Property and Selective Interaction with BSA. <i>ChemistrySelect</i> , 2019, 4, 2205-2210.	1.5	8
80	High selectivity up-converted fluorescence turn-on probe for Zn ²⁺ based on PAMAM hydroxy-naphthalene Schiff-bases (C ₆ N) half-organic quantum dots. <i>RSC Advances</i> , 2014, 4, 25510-25519.	3.6	7
81	Synthesis, Aggregation-Induced Emission Enhancement and Cells Imaging of Water-Soluble Pyridine Naphthalimide-Polyamidoamine Dendrimer. <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 555.	1.3	7
82	A novel heptamethine cyanine photosensitizer for FRET-amplified photodynamic therapy and two-photon imaging in A-549 cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 274, 121083.	3.9	7
83	Up-converted fluorescence emission under linear common spectrofluorometer from PAMAM pyridine derivatives and with QDs nanoparticles. <i>RSC Advances</i> , 2014, 4, 52485-52490.	3.6	6
84	A turn-on and lysosome-targeted fluorescent NO releaser in water media and its application in living cells and zebrafishes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 230, 118024.	3.9	6
85	Modulation of fluorescent protein chromophore for photodynamic therapy and two-photon fluorescent imaging in living cells. <i>Journal of Luminescence</i> , 2021, 240, 118424.	3.1	5
86	Synthesis and Fluorescent Properties of Water-Soluble 1,8-Naphthalimide Dendron. <i>Chinese Journal of Organic Chemistry</i> , 2015, 35, 1104.	1.3	5
87	Near-infrared photosensitive dyes based on red fluorescence protein chromophore analogue for photodynamic therapy and two-photon fluorescence imaging. <i>Dyes and Pigments</i> , 2022, 205, 110524.	3.7	5
88	pH dependent one-/two-photon fluorescence emission properties and mechanism of the dendrimer PAMAM triphenylamine imine. <i>RSC Advances</i> , 2015, 5, 74940-74946.	3.6	4
89	Synthesis, Aggregation-Induced Emission Enhancement and Two-Photon Induced Fluorescence of Pyridine End-Capped 9,10-Diaryl Anthracene. <i>Chinese Journal of Organic Chemistry</i> , 2014, 34, 537.	1.3	4
90	Synthesis, S Atom Promoted Photodynamic Therapy and Two-Photon Fluorescence Imaging of Phenothiazine Fluorescent Protein Chromophore Analogue. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 3578.	1.3	4

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91	Synthesis, Multiphoton Absorption and Fluorescence Properties of a Push-Pull A-D-A Anthracene. Chinese Journal of Organic Chemistry, 2014, 34, 210.	1.3	3
92	Synthesis and Fluorescence Probe Properties of Red-Emission Triphenylamine-Pyridinium Salt. Chinese Journal of Organic Chemistry, 2014, 34, 2354.	1.3	3
93	Synthesis and characterization of 2,5-bis[4-(2-arylvinyl)phenyl]-1,3,4-oxadiazoles with two-photon fluorescence properties. Frontiers of Chemical Engineering in China, 2007, 1, 381-384.	0.6	2
94	SYNTHESIS, FLUORESCENCE AND ELECTROCHEMICAL PROPERTIES OF SYMMETRICAL CHROMOPHORES WITH ELECTRON ACCEPTING OXADIAZOLE. Journal of Nonlinear Optical Physics and Materials, 2008, 17, 473-485.	1.8	1
95	Three-photon absorption in a push-pull type chromophore containing tricyanofuran acceptor. Chinese Chemical Letters, 2012, 23, 757-760.	9.0	1
96	A water-soluble photo-induced NO donor with high fluorescence quantum yield and the real-time monitoring of its controlled NO release in living cells and zebrafishes. Journal of Luminescence, 2021, 232, 117872.	3.1	0