

Jian-Jeng Ge

List of Publications by Year in descending order

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91
papers

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citations

346980

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all docs

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docs citations

92
times ranked

1899
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of a ratiometric phosgene probe by chromophore formation from auxochrome. <i>Talanta</i> , 2022, 236, 122826.	2.9	6
2	Thiocarbonyl photosensitizer, a feasible way to eliminate the photosensitizer residues in photodynamic therapy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 270, 120783.	2.0	6
3	Dicyanoisophorone derivatives with self-targeting abilities towards multiple organelles for fluorescent markers and viscosity detection. <i>Sensors and Actuators B: Chemical</i> , 2022, 367, 132065.	4.0	11
4	Preparation of Chromeno[2,3-b]quinoline Derivatives and Their Application for Lipid Droplets Markers. <i>Journal of Organic Chemistry</i> , 2022, 87, 10385-10389.	1.7	5
5	Simultaneous imaging of lysosomal and mitochondrial viscosity under different conditions using a NIR probe. <i>Sensors and Actuators B: Chemical</i> , 2021, 326, 128954.	4.0	46
6	Convenient construction of fluorescent markers for lipid droplets with 1,8-naphthalimide unit. <i>Dyes and Pigments</i> , 2021, 186, 109003.	2.0	14
7	Viscosity sensitive endoplasmic reticulum fluorescent probes based on oxazolopyridinium. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5664-5669.	2.9	31
8	A series of novel cell membrane fluorescent probes based on oxazolopyridine unit. <i>Dyes and Pigments</i> , 2021, 185, 108883.	2.0	10
9	Viscosity sensitive fluorescent dyes with excellent photostability based on hemicyanine dyes for targeting cell membrane. <i>Sensors and Actuators B: Chemical</i> , 2021, 337, 129787.	4.0	21
10	Design and synthesis of a series of OFF-ON near infrared fluorescent probes for nucleic acid in aqueous solution. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 48, 128239.	1.0	4
11	Selective detection of peroxycarboxylic acid by thiocarbonyl compounds in aqueous solution. <i>Sensors and Actuators B: Chemical</i> , 2021, 343, 130081.	4.0	3
12	Fluorescent probes based 1,8-naphthalimide-nitrogen heterocyclic for monitoring the fluctuation of mitochondrial viscosity. <i>Dyes and Pigments</i> , 2021, 194, 109559.	2.0	13
13	The application of amide units in the construction of neutral functional dyes for mitochondrial staining. <i>Journal of Materials Chemistry B</i> , 2021, 9, 2524-2531.	2.9	10
14	The application of bioactive pyrazolopyrimidine unit for the construction of fluorescent biomarkers. <i>Dyes and Pigments</i> , 2020, 173, 107878.	2.0	16
15	Benzoxazine-based fluorescent probes with different auxochrome groups for cysteine detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 226, 117582.	2.0	14
16	A mitochondria/lysosome-targeting fluorescence probe based on azonia-cyanine dye and its application in nitroreductase detection. <i>Sensors and Actuators B: Chemical</i> , 2020, 307, 127653.	4.0	32
17	A novel xanthyne-based effective mitochondria-targeting ratiometric cysteine probe and its bioimaging in living cells. <i>Talanta</i> , 2020, 209, 120580.	2.9	16
18	Adenine-based small molecule fluorescent probe for imaging mitochondrial nucleic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117865.	2.0	12

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19	The application of nitrogen heterocycles in mitochondrial-targeting fluorescent markers with neutral skeletons. <i>Journal of Materials Chemistry B</i> , 2020, 8, 7466-7474.	2.9	19
20	Synthesis and optical properties of bispyrazolopyridine derivatives. <i>Dyes and Pigments</i> , 2020, 181, 108569.	2.0	3
21	Series of Mitochondria/Lysosomes Self-Targetable Near-Infrared Hemicyanine Dyes for Viscosity Detection. <i>Analytical Chemistry</i> , 2020, 92, 3517-3521.	3.2	76
22	The fluorescent markers based on oxazolopyridine unit for imaging organelles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126996.	1.0	7
23	The fluorescent probe based on methyltetrahydroxanthylum skeleton for the detection of hydrazine. <i>Talanta</i> , 2020, 218, 121164.	2.9	8
24	Strong emission properties of 7-hydroxyindazolo[2,3-b]isoquinolin-12(7H)-one derivatives in aqueous solution. <i>Dyes and Pigments</i> , 2019, 160, 58-63.	2.0	0
25	A highly efficient fluorescent probe based on tetrahydroxanthylum-coumarin for the detection of bisulfite in mitochondria. <i>Analytical Methods</i> , 2019, 11, 4334-4340.	1.3	6
26	Synthesis of azonia cyanine derivatives as NIR fluorescent probes for nucleic acid detection and cell imaging. <i>Analytical Methods</i> , 2019, 11, 3523-3531.	1.3	4
27	The optical properties of 9-amino-9H-xanthene derivatives in different pH and their application for biomarkers in lysosome and mitochondria. <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126621.	4.0	16
28	Fluorescent hydrogen sulfide probes based on azonia-cyanine dyes and their imaging applications in organelles. <i>Analytica Chimica Acta</i> , 2019, 1068, 60-69.	2.6	14
29	Tetradecanuclear and Octadecanuclear Gold(I) Sulfido Clusters: Synthesis, Structures, and Luminescent Selective Tracking of Lysosomes in Living Cells. <i>Inorganic Chemistry</i> , 2019, 58, 3690-3697.	1.9	24
30	The application of azonia-cyanine dyes for nucleic acids imaging in mitochondria. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 499-506.	4.0	11
31	Rosamine with pyronine-pyridinium skeleton: unique mitochondrial targetable structure for fluorescent probes. <i>Analyst</i> , 2018, 143, 1813-1819.	1.7	23
32	The application of mitochondrial targetable pyronine-pyridinium skeleton in the detection of nitroreductase. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 299-306.	4.0	28
33	Preparation of a photostable tribrachia cyanine dye and its high chemical activity towards hydrosulfide. <i>Dyes and Pigments</i> , 2018, 149, 505-511.	2.0	15
34	Synthesis and optical properties of cyanine dyes with an aromatic azonia skeleton. <i>Organic Chemistry Frontiers</i> , 2018, 5, 555-560.	2.3	23
35	Fluorescence Responses of the Protonation and Deprotonation Processes between Phenolate and Phenol within Rosamine. <i>Chinese Journal of Chemistry</i> , 2018, 36, 42-46.	2.6	8
36	Near-infrared pH probes based on phenoxazinium connecting with nitrophenyl and pyridinyl groups. <i>Dyes and Pigments</i> , 2018, 149, 481-490.	2.0	9

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37	Fluorescent probe based on rosamine with pyridinium unit for hydrogen sulfide detection in mitochondria. <i>Analytical Methods</i> , 2018, 10, 5291-5296.	1.3	13
38	The fluorescent biomarkers for lipid droplets with quinolone-coumarin unit. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7619-7625.	1.5	18
39	The improvement of lysosome targetability with oligoethyleneoxy chains linked benzo[a]phenoxazine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2953-2956.	1.0	1
40	Near-infrared and lysosome-targetable fluorescent probe based on phenoxazinium for hydrogen peroxide detection. <i>Analytical Methods</i> , 2018, 10, 3754-3758.	1.3	17
41	A mitochondria-targetable fluorescent probe for detection of bisulfite in living cells. <i>Analytical Methods</i> , 2018, 10, 3872-3877.	1.3	7
42	The evaluation of lysosome targetability with nitrogen-containing basicity groups based on phenoxazinium derivatives. <i>Dyes and Pigments</i> , 2018, 159, 179-186.	2.0	0
43	Reversible Absorption and Emission Responses of Nile Blue and Azure A Derivatives in Extreme Acidic and Basic Conditions. <i>Journal of Fluorescence</i> , 2017, 27, 819-827.	1.3	11
44	The pH-influenced PET processes between pyronine and different heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8402-8409.	1.5	10
45	An oxazine-based near-infrared fluorescent probe for selective in cellular imaging of exogenous nitrite. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 1283-1290.	4.0	23
46	Diaminodibenzoxanthenium based near infrared pH probes with lower p K a. <i>Dyes and Pigments</i> , 2016, 132, 223-229.	2.0	13
47	Evaluation of electron or charge transfer processes between chromenylium-based fluorophores and protonated/deprotonated aniline. <i>RSC Advances</i> , 2016, 6, 98985-98993.	1.7	4
48	Hemicyanine dyes linked with quaternary ammonium group: Near-infrared probes for the detection of nucleic acid. <i>Sensors and Actuators B: Chemical</i> , 2016, 236, 627-634.	4.0	13
49	Distinguishing normal cells from cancer cells via lysosome-targetable pH biomarkers with benzo[a]phenoxazine skeleton. <i>Analytica Chimica Acta</i> , 2016, 933, 175-181.	2.6	17
50	A comparative study of lysosome-targetable pH probes based on phenoxazinium attached with aliphatic and aromatic amines. <i>Analyst</i> , 2016, 141, 2962-2969.	1.7	11
51	Third-order nonlinear optical properties of spin-coating films containing benzo[\pm]phenoxazinium: from reverse saturated to saturated absorptions. <i>Thin Solid Films</i> , 2015, 589, 351-355.	0.8	2
52	<i>N</i> -Pyridineium-2-yl Darrow Red Analogue: Unique Near-Infrared Lysosome-Biomarker for the Detection of Cancer Cells. <i>Analytical Chemistry</i> , 2015, 87, 1499-1502.	3.2	59
53	Near-infrared emission of dibenzoxanthenium and its application in the design of nitric oxide probes. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4532-4538.	1.5	21
54	Aggregation induced convertible third-order nonlinear optical absorptions of the phenoxazinium containing films prepared by sol-gel method. <i>Dyes and Pigments</i> , 2015, 113, 496-501.	2.0	6

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55	Nile-red and Nile-blue-based near-infrared fluorescent probes for in-cellulo imaging of hydrogen sulfide. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 7059-7070.	1.9	31
56	Novel synthetic route for antimalarial benzo[a]phenoxazine derivative SSJ-183 and two active metabolites. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3749-3752.	1.4	14
57	The third-order nonlinear optical properties of charge flowable trimethine cyanine with quinolone groups. <i>Dyes and Pigments</i> , 2014, 105, 41-46.	2.0	12
58	Adjustable third-order nonlinear optical properties of the spin coating phenoxazinium-PMMA films. <i>Materials Chemistry and Physics</i> , 2014, 147, 232-237.	2.0	12
59	Third-order nonlinear optical properties of the poly(methyl methacrylate)-phenothiazinium dye hybrid thin films. <i>Thin Solid Films</i> , 2014, 551, 153-157.	0.8	8
60	Optical properties of hemicyanines with terminal amino groups and their applications in near-infrared fluorescent imaging of nucleoli. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7065-7072.	2.9	20
61	Colorimetric and ratiometric pH responses by the protonation of phenolate within hemicyanine. <i>Analyst, The</i> , 2014, 139, 6290-6297.	1.7	19
62	A rosamine-based red-emitting fluorescent sensor for detecting intracellular pH in live cells. <i>Sensors and Actuators B: Chemical</i> , 2014, 201, 426-432.	4.0	35
63	Electronic memory devices based on the chalcone with negative electrostatic potential regions. <i>Materials Chemistry and Physics</i> , 2013, 142, 363-369.	2.0	3
64	A coumarin-indole-based near-infrared ratiometric pH probe for intracellular fluorescence imaging. <i>Analyst, The</i> , 2013, 138, 6542.	1.7	93
65	Third-order nonlinear optical properties of a π -conjugated phenoxazinium compound: Mechanism and dynamic response. <i>Materials Chemistry and Physics</i> , 2013, 139, 975-978.	2.0	10
66	A cyanobenzo[a]phenoxazine-based near infrared lysosome-tracker for in cellulo imaging. <i>Chemical Communications</i> , 2013, 49, 10709.	2.2	40
67	A benzoxazine-hemicyanine based probe for the colorimetric and ratiometric detection of biothiols. <i>Sensors and Actuators B: Chemical</i> , 2013, 178, 525-531.	4.0	31
68	A squaraine-based red emission off-on chemosensor for biothiols and its application in living cells imaging. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4258.	1.5	31
69	Third-order nonlinear optical properties of unsymmetric pentamethine cyanine dyes possessing benzoxazolyl and benzothiazolyl groups. <i>Dyes and Pigments</i> , 2013, 96, 189-195.	2.0	17
70	Reversible Near-Infrared pH Probes Based on Benzo[<i>a</i>]phenoxazine. <i>Analytical Chemistry</i> , 2013, 85, 7419-7425.	3.2	67
71	Synthesis of cyanine dyes and investigation of their in vitro antiprotozoal activities. <i>MedChemComm</i> , 2012, 3, 1435.	3.5	14
72	Synthesis and Application of a Full Water-Soluble and Red-Emitting Chemosensor Based on Phenoxazinium for Copper(II) Ions. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2303-2308.	2.6	5

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73	A near-infrared phenoxazinium-based fluorescent probe for zinc ions and its imaging in living cells. <i>Sensors and Actuators B: Chemical</i> , 2012, 171-172, 1001-1006.	4.0	9
74	A comparative study of symmetrical and unsymmetrical trimethine cyanine dyes bearing benzoxazolyl and benzothiazolyl groups. <i>Dyes and Pigments</i> , 2012, 93, 1506-1511.	2.0	33
75	Benzo[<i>a</i>]phenoxazinium-Based Red-Emitting Chemosensor for Zinc Ions in Biological Media. <i>Organic Letters</i> , 2011, 13, 2710-2713.	2.4	82
76	Synthesis and in vitro antiprotozoal activities of 5-phenyliminobenzo[<i>a</i>]phenoxazine derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5804-5807.	1.0	16
77	Third-order nonlinear optical properties of the phenothiazinium chlorides at 532 nm. <i>Dyes and Pigments</i> , 2011, 89, 70-75.	2.0	9
78	Oxazine-thione-based Colorimetric Fluorescent OFF-ON Probes for Hg ²⁺ Recognition. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2584-2590.	2.6	5
79	Third-order nonlinear optical properties of a new type of unsymmetrical phenoxazinium chloride with resonance structures. <i>Chemical Physics</i> , 2011, 382, 74-79.	0.9	12
80	The synthesis and third-order nonlinear optical properties of resonance Benzo[<i>a</i>]phenoxazinium salts. <i>Dyes and Pigments</i> , 2011, 88, 50-56.	2.0	16
81	Synthesis and in vitro antiprotozoal activities of water-soluble, inexpensive phenothiazinium chlorides. <i>Dyes and Pigments</i> , 2011, 89, 44-48.	2.0	16
82	Third-order nonlinear optical properties of symmetric phenoxazinium chlorides with resonance structures at 532 nm. <i>Dyes and Pigments</i> , 2011, 91, 489-494.	2.0	21
83	A selective, sensitive probe for mercury(II) ions based on oxazine-thione. <i>Tetrahedron Letters</i> , 2011, 52, 595-597.	0.7	26
84	Selective ratiometric detection of Hg ²⁺ in pure water using a phenoxazinium-based probe. <i>Tetrahedron Letters</i> , 2011, 52, 2492-2495.	0.7	16
85	Discovery of Novel Benzo[<i>a</i>]phenoxazine SSJ-183 as a Drug Candidate for Malaria. <i>ACS Medicinal Chemistry Letters</i> , 2010, 1, 360-364.	1.3	47
86	Fluorinated Rhodacyanine (SJL-01) Possessing High Efficacy for Visceral Leishmaniasis (VL). <i>Journal of Medicinal Chemistry</i> , 2010, 53, 368-373.	2.9	21
87	Synthesis and Biological Properties of a Rhodacyanine Derivatives, SSJ-127, Having High Efficacy against Malaria Protozoa. <i>Heterocycles</i> , 2009, 77, 207.	0.4	10
88	Pharmacodynamics and pharmacokinetics studies of phenoxazinium derivatives for antimalarial agent. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 1481-1485.	1.4	10
89	The convenient synthesis of zinc chloride-free 3,7-bis(dialkylamino)phenoxazinium salts. <i>Dyes and Pigments</i> , 2008, 79, 33-39.	2.0	23
90	Synthesis and in Vitro Antiprotozoal Activities of Water-Soluble, Inexpensive 3,7-Bis(dialkylamino)phenoxazin-5-ium Derivatives. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3654-3658.	2.9	26

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91	Near-infrared fluorescent probes based on a quinoxaline skeleton for imaging nucleic acids in mitochondria. <i>Organic and Biomolecular Chemistry</i> , 0, , .	1.5	3