

# Gang Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1086353/publications.pdf>

Version: 2024-02-01

135  
papers

3,702  
citations

136740

32  
h-index

168136

53  
g-index

137  
all docs

137  
docs citations

137  
times ranked

2640  
citing authors

#	ARTICLE	IF	CITATIONS
1	A sensitive fluorescence "turn on" nanosensor for glutathione detection based on Ce-MOF and gold nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 265, 120362.	2.0	27
2	A high selective chemosensor for detection of Al <sup>3+</sup> based on diarylethene with a hydrazide unit. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 425, 113718.	2.0	5
3	A dual-responsive fluorescent probe for detection of H <sub>2</sub> S and Cu <sup>2+</sup> based on rhodamine-naphthalimide and cell imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 427, 113801.	2.0	19
4	Rational design of a FRET-based ratiometric fluorescent probe with large Pseudo-Stokes shift for detecting Hg <sup>2+</sup> in living cells based on rhodamine and anthracene fluorophores. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 276, 121242.	2.0	12
5	A diarylethene-based fluorescent chemosensor for highly selective recognition of Zn <sup>2+</sup> and its application. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 431, 114011.	2.0	6
6	Development of dual-fluorophore and dual-site multifunctional fluorescent probe for detecting HClO and H <sub>2</sub> S based on rhodamine-coumarin units. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 433, 114144.	2.0	4
7	pH-responsive UV crosslinkable chitosan hydrogel via "thiol-ene" click chemistry for active modulating opposite drug release behaviors. <i>Carbohydrate Polymers</i> , 2021, 251, 117101.	5.1	57
8	Nonswelling injectable chitosan hydrogel via UV crosslinking induced hydrophobic effect for minimally invasive tissue engineering. <i>Carbohydrate Polymers</i> , 2021, 252, 117143.	5.1	25
9	A highly selective colorimetric and fluorescent probe for Cu <sup>2+</sup> based diarylethene with a diaminomaleonitrile unit. <i>Tetrahedron</i> , 2021, 78, 131788.	1.0	13
10	A novel full symmetric diarylethene-based ratiometric fluorescent sensor for lysine and the application for a logic circuit. <i>Luminescence</i> , 2021, 36, 691-697.	1.5	10
11	A highly selective diarylethene fluorescence sensor of aluminum ion and its application. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 405, 112958.	2.0	8
12	Ratiometric fluorescence for sensitive detection of phosphate species based on mixed lanthanide metal organic framework. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 3281-3290.	1.9	16
13	A H <sub>2</sub> O-induced fluorescence turn-on diarylethene derivative and its fluorescent sensing Al <sup>3+</sup> . <i>Microchemical Journal</i> , 2021, 163, 105887.	2.3	12
14	Ratiometric fluorescent sensing for phosphate based on Eu/Ce/Uio-66-(COOH) <sub>2</sub> nanoprobe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 252, 119493.	2.0	20
15	A Novel Diarylethene-rhodamine Unit Based Chemosensor for Fluorimetric and Colorimetric Detection of Hg <sup>2+</sup> . <i>Journal of Fluorescence</i> , 2021, 31, 1513-1523.	1.3	12
16	Pyromellitic diimide-based luminophors: Tunable aggregation-induced emission (AIE) and reversible mechanofluorochromism characteristics. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 417, 113344.	2.0	4
17	Luminol-Eu-based ratiometric fluorescence probe for highly selective and visual determination of tetracycline. <i>Talanta</i> , 2021, 234, 122612.	2.9	29
18	A highly sensitive fluorescent sensor for Cd <sup>2+</sup> and Zn <sup>2+</sup> based on diarylethene with a pyrene unit. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117581.	2.0	57

#	ARTICLE	IF	CITATIONS
19	Dynamic cyclic behaviors of lipid droplets monitored by two-photon fluorescence probe with high photostability. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117766.	2.0	11
20	Aggregation-induced emission compounds based on 9,10-diheteroarylanthracene and their applications in cell imaging. <i>RSC Advances</i> , 2020, 10, 2170-2179.	1.7	13
21	Selective rhodamine-based probe for detecting Hg <sup>2+</sup> and its application as test strips and cell staining. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 390, 112302.	2.0	20
22	A naphthalene-dansylhydrazine based ratiometric fluorescence probe for selectively detecting Cu <sup>2+</sup> . <i>Tetrahedron Letters</i> , 2020, 61, 151427.	0.7	7
23	AIE-Based Theranostic Agent: In Situ Tracking Mitophagy Prior to Late Apoptosis To Guide the Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 1988-1996.	4.0	49
24	A photochromic diarylethene-functionalized fluorescent probe for Cd <sup>2+</sup> and Zn <sup>2+</sup> detections. <i>Tetrahedron</i> , 2020, 76, 131618.	1.0	20
25	A ratiometric and colorimetric fluorescent probe for the detection of mercury ion based on rhodamine and quinoline-benzothiazole conjugated dyad. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 400, 112657.	2.0	24
26	Decoupled pH- and Thermo-Responsive Injectable Chitosan/PNIPAM Hydrogel via Thiol-Ene Click Chemistry for Potential Applications in Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000454.	3.9	61
27	A new multi-functional fluorescent mercuric ion sensor based on diarylethene with triazole-linked rhodamine B unit. <i>Tetrahedron</i> , 2020, 76, 131393.	1.0	13
28	Thiophene-containing tetraphenylethene derivatives with different aggregation-induced emission (AIE) and mechanofluorochromic characteristics. <i>RSC Advances</i> , 2019, 9, 24338-24343.	1.7	13
29	Hg <sup>2+</sup> selective ratiometric and colorimetric probe based on dansyl-rhodamine and its staining function in cell imaging. <i>Luminescence</i> , 2019, 34, 911-917.	1.5	5
30	Bifunctional probe for Cu <sup>2+</sup> /Al <sup>3+</sup> based on a diarylethene with a 4, 5-[bis-(5-ethylacetate-yl)-2-thienyl]-1H-imidazole unit. <i>Tetrahedron</i> , 2019, 75, 130708.	1.0	3
31	A terpyridine-based test strip for the detection of Hg <sup>2+</sup> in various water samples and drinks. <i>Analytical Methods</i> , 2019, 11, 227-231.	1.3	14
32	1,8-Naphthalimide-Based Highly Emissive Luminophors with Various Mechanofluorochromism and Aggregation-Induced Characteristics. <i>ACS Omega</i> , 2019, 4, 14324-14332.	1.6	25
33	Diarylethene-based fluorescent and colorimetric chemosensor for the selective detection of Al <sup>3+</sup> and CN <sup>-</sup> . <i>Dyes and Pigments</i> , 2019, 164, 257-266.	2.0	50
34	Aggregation-induced emission enhancement (AIEE)-active tetraphenylethene (TPE)-based chemosensor for Hg <sup>2+</sup> with solvatochromism and cell imaging characteristics. <i>RSC Advances</i> , 2019, 9, 11865-11869.	1.7	34
35	Bifunctional Cu <sup>2+</sup> /Fe <sup>3+</sup> Probe with Independent Signal Outputs Based on a Photochromic Diarylethene with a Dansylhydrazine Unit. <i>ACS Omega</i> , 2019, 4, 6597-6606.	1.6	17
36	A ratiometric and colorimetric probe for detecting Hg <sup>2+</sup> based on naphthalimide-rhodamine and its staining function in cell imaging. <i>RSC Advances</i> , 2019, 9, 11664-11669.	1.7	20

#	ARTICLE	IF	CITATIONS
37	A turn-on fluorescence sensor for the highly selective detection of Al <sup>3+</sup> based on diarylethene and its application on test strips. RSC Advances, 2019, 9, 10395-10404.	1.7	26
38	Diarylethene-based multi-controllable switch with pyridinepiperazine-linked hydroxyquinoline group. Tetrahedron, 2019, 75, 2284-2290.	1.0	7
39	Novel multi-responsive fluorescence switch for Hg <sup>2+</sup> and UV/vis lights based on diarylethene-rhodamine derivative. Tetrahedron, 2019, 75, 1517-1524.	1.0	22
40	A colorimetric and ratiometric fluorescent sensor for sequentially detecting Cu <sup>2+</sup> and arginine based on a coumarin-rhodamine B derivative and its application for bioimaging. RSC Advances, 2019, 9, 6643-6649.	1.7	25
41	A solvent-dependent chemosensor for fluorimetric detection of Hg <sup>2+</sup> and colorimetric detection of Cu <sup>2+</sup> based on a new diarylethene with a rhodamine B unit. RSC Advances, 2019, 9, 42155-42162.	1.7	15
42	A new highly selective diarylethene with near-infrared fluorochrome unit for sequential detection of copper ion. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 211, 322-329.	2.0	7
43	New Bifunctional Diarylethene Sensor for Multianalyte Detection and Al <sup>3+</sup> Imaging in Live Cells. ACS Omega, 2019, 4, 309-319.	1.6	26
44	Highly sensitive and selective turn-on fluorescent sensor for dual recognition of Cu <sup>2+</sup> and CN <sup>-</sup> based on a methylquinoline derivative. Dyes and Pigments, 2018, 149, 764-773.	2.0	36
45	Bipyridine-based aggregation-induced phosphorescent emission (AIPE)-active gold(I) complex with reversible phosphorescent mechanochromism and self-assembly characteristics. Dyes and Pigments, 2018, 152, 54-59.	2.0	39
46	A multi-responsive diarylethene-rhodamine 6G derivative for sequential detection of Cr <sup>3+</sup> and CO <sub>3</sub> <sup>2-</sup> . Tetrahedron, 2018, 74, 3489-3497.	1.0	21
47	Tetraphenylethene-based highly emissive fluorescent molecules with aggregation-induced emission (AIE) and various mechanofluorochromic characteristics. Tetrahedron Letters, 2018, 59, 836-840.	0.7	29
48	A novel fluorescence "turn-on" sensor based on a photochromic diarylethene for the selective detection of Al(III). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 196, 303-310.	2.0	14
49	A highly selective diarylethene chemosensor for colorimetric detection of CN <sup>-</sup> and fluorescent relay-detection of Al <sup>3+</sup> /Cr <sup>3+</sup> . Dyes and Pigments, 2018, 151, 22-27.	2.0	71
50	A new diarylethene-derived probe for colorimetric sensing of Cu(II) and fluorometric sensing of Cu(II) and Zn(II): Photochromism and High Selectivity. Sensors and Actuators B: Chemical, 2018, 266, 603-613.	4.0	48
51	A colorimetric and fluorescent chemosensor for Hg <sup>2+</sup> based on a photochromic diarylethene with a quinoline unit. RSC Advances, 2018, 8, 39854-39864.	1.7	15
52	An "off-off" on-off <sup>TM</sup> sensor for sequential detection of Cu <sup>2+</sup> and hydrogen sulfide based on a naphthalimide-rhodamine B derivative and its application in dual-channel cell imaging. RSC Advances, 2018, 8, 33121-33128.	1.7	17
53	Aggregation-induced emission enhancement (AIEE)-active mechanofluorochromic tetraphenylethene derivative bearing a rhodamine unit. Tetrahedron Letters, 2018, 59, 4416-4419.	0.7	17
54	A new sensitive symmetric fluorescein-linked diarylethene chemosensor for Hg <sup>2+</sup> detection. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 367, 465-470.	2.0	11

#	ARTICLE	IF	CITATIONS
55	A highly selective fluorescent probe for detection of Cd <sup>2+</sup> and HSO <sub>3</sub> <sup>-</sup> based on photochromic diarylethene with a triazole-bridged coumarin-quinoline group. RSC Advances, 2018, 8, 22786-22798.	1.7	27
56	Copper-Catalyzed Diversity-Oriented Synthesis (DOS) of 4-Amino-2 <i>H</i> -chromen-2-imines: Application of Kemp Elimination toward O-Heterocycles. ACS Omega, 2018, 3, 8160-8168.	1.6	10
57	Effects of heteroaryl ring on the photochromism of asymmetrical diarylethenes containing a naphthalene group. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 205, 470-478.	2.0	4
58	A highly selective fluorescence switch for Cu <sup>2+</sup> and Fe <sup>3+</sup> based on a new diarylethene with a triazole-linked rhodamine 6G unit. Tetrahedron, 2018, 74, 4390-4399.	1.0	28
59	Triphenylamine, carbazole or tetraphenylethylene-based gold(I) complexes: Tunable solid-state room-temperature phosphorescence and various mechanochromic luminescence characteristics. Dyes and Pigments, 2018, 159, 499-505.	2.0	38
60	1,8-Naphthalimide-based highly emissive luminogen with reversible mechanofluorochromism and good cell imaging characteristics. Tetrahedron Letters, 2018, 59, 3600-3604.	0.7	13
61	A fluorescent chemosensor for Sn <sup>2+</sup> and Cu <sup>2+</sup> based on a carbazole-containing diarylethene. RSC Advances, 2017, 7, 9833-9839.	1.7	55
62	A novel fluorescent sensor for Al <sup>3+</sup> based on a new diarylethene with a naphthalimide unit. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 338, 192-200.	2.0	10
63	Highly emissive carbazole-based gold(I) complex with a long room-temperature phosphorescence lifetime and self-reversible mechanochromism characteristics. RSC Advances, 2017, 7, 15112-15115.	1.7	21
64	A fluorescent sensor based on a diarylethene-rhodamine derivative for sequentially detecting Cu <sup>2+</sup> and arginine and its application in keypad lock. Sensors and Actuators B: Chemical, 2017, 247, 26-35.	4.0	51
65	Solvent-dependent selective fluorescence sensor for Zn <sup>2+</sup> and Al <sup>3+</sup> based on a new diarylethene with a salicylal schiff base group. Tetrahedron, 2017, 73, 1691-1697.	1.0	21
66	A diarylethene-based fluorescence sensor for the sequential recognition of mercury and cysteine. RSC Advances, 2017, 7, 20591-20596.	1.7	17
67	Carbazole-based aggregation-induced emission (AIE)-active gold(I) complex: Persistent room-temperature phosphorescence, reversible mechanochromism and vapochromism characteristics. Dyes and Pigments, 2017, 143, 409-415.	2.0	87
68	A highly selective fluorescent chemosensor for Fe <sup>3+</sup> based on a new diarylethene with a rhodamine 6G unit. RSC Advances, 2017, 7, 29827-29834.	1.7	34
69	A colorimetric and fluorescent chemosensor for selective detection of Cu <sup>2+</sup> based on a new diarylethene with a benzophenone hydrazone unit. Luminescence, 2017, 32, 1473-1481.	1.5	12
70	A highly selective fluorescent sensor for Cd <sup>2+</sup> based on a new diarylethene with a 1,8-naphthyridine unit. Dyes and Pigments, 2017, 139, 208-217.	2.0	36
71	A highly selective and sensitive fluorescent chemosensor for Zn <sup>2+</sup> based on a diarylethene derivative. RSC Advances, 2017, 7, 50188-50194.	1.7	29
72	Cyanobenzene-containing tetraphenylethene derivatives with aggregation-induced emission and self-recovering mechanofluorochromic characteristics. RSC Advances, 2017, 7, 43845-43848.	1.7	25

#	ARTICLE	IF	CITATIONS
73	A multiple switching diarylethene dimer with a bis(benzylene)amine-linked naphthalimide unit. <i>Tetrahedron</i> , 2017, 73, 6164-6171.	1.0	3
74	A acid/base gated photochromic and fluorescent sensor based on a diarylethene with a 2-(1 H) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	2.0	33
75	Photochromism of new unsymmetrical diarylethenes with a quinoline moiety. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3716.	0.9	0
76	A multi-functional hydrazinobenzothiazole-based diarylethene derivative: Highly efficient discrimination cadmium ion from zinc ion and near-infrared absorption detection of hydroxide ion. <i>Dyes and Pigments</i> , 2017, 146, 305-315.	2.0	16
77	Structure and photochromism of 1,2-bis[2-methyl-5-(2-chlorophenyl)-3-thienyl]-3,3,4,4,5,5-hexafluorocyclopent-1-ene, C <sub>27</sub> H <sub>16</sub> Cl <sub>2</sub> F <sub>6</sub> S <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 359-361.	0.1	3
78	A highly selective fluorescent chemosensor for Cu <sup>2+</sup> : synthesis and properties of a rhodamine containing diarylethene. <i>Luminescence</i> , 2017, 32, 652-660.	1.5	14
79	A colorimetric and fluorescent sensor for Cu <sup>2+</sup> and F <sup>-</sup> based on a diarylethene with a 1,8-naphthalimide Schiff base unit. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 295-303.	4.0	154
80	Substituent effect in the photochromism of two isomeric asymmetric diarylethenes having pyrrole and thiophene units. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 173, 257-263.	2.0	8
81	Synthesis and photochromic properties of a novel diarylethene 1-(2-methyl-5-(4-cyano)-3-thienyl)-2-[2-methyl-5-(4-n-pentylphenyl)-3-thienyl] perfluorocyclopentene. , 2017, , .		0
82	Synthesis and properties of a new material 1-[2-methyl-5-hydroxymethyl-3-thienyl]-2-[2-methyl-5-bromomethyl-3-thienyl] perfluorocyclopentene. , 2017, , .		0
83	Highly selective ratiometric fluorescent Zn <sup>2+</sup> chemosensor based on diarylethene derivative with a carboxamidoquinoline unit. <i>Luminescence</i> , 2016, 31, 1488-1495.	1.5	6
84	Synthesis and photochromism of a novel amphiphilic diarylethene bearing two cholic acid groups. <i>Tetrahedron Letters</i> , 2016, 57, 1963-1966.	0.7	5
85	A diarylethene-based fluorescent chemosensor for the sequential recognition of Fe <sup>3+</sup> and cysteine. <i>RSC Advances</i> , 2016, 6, 34748-34753.	1.7	35
86	A novel sensitive sensor for Cu <sup>2+</sup> and multi-switch based on a diarylethene with a 2-(2-hydroxyphenyl)benzothiazole unit. <i>Tetrahedron</i> , 2016, 72, 2935-2942.	1.0	25
87	A rhodamine-based sensor for Hg <sup>2+</sup> and resultant complex as a fluorescence sensor for I <sup>-</sup> . <i>RSC Advances</i> , 2016, 6, 80723-80728.	1.7	32
88	A novel diarylethene-based fluorescent switch with a carboxamidoquinoline unit for sensing of Zn(II) ion. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 330, 22-29.	2.0	23
89	A highly sensitive fluorescent sensor for Al <sup>3+</sup> and Zn <sup>2+</sup> based on a diarylethene salicylhydrazide Schiff base derivative and its bioimaging in live cells. <i>New Journal of Chemistry</i> , 2016, 40, 8579-8586.	1.4	63
90	A new fluorescence probe based on fluorescein-diarylethene fluorescence resonance energy transfer system for rapid detection of Cd <sup>2+</sup> . <i>Tetrahedron</i> , 2016, 72, 6390-6396.	1.0	18

#	ARTICLE	IF	CITATIONS
91	A highly selective fluorescence probe for Al <sup>3+</sup> based on a new diarylethene with a 6-(hydroxymethyl)picolinohydrazide unit. <i>Tetrahedron</i> , 2016, 72, 8449-8455.	1.0	19
92	A new fluorescent sensor for Zn <sup>2+</sup> based on diarylethene with a 4-diethylamino-salicylaldehyde Schiff base unit. <i>Journal of Physical Organic Chemistry</i> , 2016, 29, 421-429.	0.9	17
93	Recent advances in diarylethene-based multi-responsive molecular switches. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3075-3093.	2.7	201
94	A highly selective fluorescent chemosensor for Cu <sup>2+</sup> based on a new diarylethene with triazole-linked fluorescein. <i>Tetrahedron</i> , 2016, 72, 985-991.	1.0	20
95	A highly selective and sensitive ratiometric fluorescent chemosensor for Zn <sup>2+</sup> based on diarylethene with a benzyl-linked 8-aminoquinoline-2-aminomethylpyridine unit. <i>Dyes and Pigments</i> , 2016, 126, 121-130.	2.0	45
96	Synthesis and properties of 1-[2-methyl-5-(4-methoxyphenyl)-3-thienyl]-2-[2-methyl-5-(4-chlorophenyl)-3-thienyl] perfluorocyclopentene. , 2016, , .		0
97	SYNTHESIS, PHOTOCHROMISM PROPERTIES OF 1-(2-METHYL-1-THIENYL)-2-[2-METHYL-5-(1,3-DIOXOLANE)-3-THIENYL] PERFLUOROCYCLOPENTENE. , 2016, , .		0
98	SYNTHESIS AND PHOTOCHROMISM STUDIES OF 1-(2-METHYL-3-BENZOTHIENYL)-2-[2-METHYL-5-(METHYLENPHENOTHIAZINE)] PERFLUOROCYCLOPENTENE. , 2016, , .		0
99	Multi-functional ion sensor based on a photochromic diarylethene with a 1<sup>H</sup>-imidazo [4,5<sup>f</sup>] [1,10] phenanthroline unit. <i>Luminescence</i> , 2015, 30, 1290-1296.	1.5	14
100	A Highly Selective Chemosensor for Cu <sup>2+</sup> Based on a Diarylethene Linking an Aminoquinoline Unit. <i>Chinese Journal of Chemistry</i> , 2015, 33, 1310-1316.	2.6	14
101	Effects of Aromatic Stabilization Energies on Photochromism of New Asymmetrical Azaindole-Containing Diarylethenes. <i>Chinese Journal of Chemistry</i> , 2015, 33, 785-791.	2.6	6
102	A colorimetric fluorescent sensor for Cr <sup>3+</sup> based on a novel diarylethene with a naphthalimide-rhodamine B group. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 303-304, 59-66.	2.0	19
103	Highly Sensitive and Selective Fluorescent Sensor for Zinc Ion Based on a New Diarylethene with a Thiocarbamide Unit. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4673-4682.	1.2	58
104	A highly selective fluorescence sensor for Zn <sup>2+</sup> and Cu <sup>2+</sup> based on diarylethene with a piperazine-linked amidoquinoline unit. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4023-4029.	2.7	83
105	A new multi-addressable molecular switch based on a photochromic diarylethene with a 6-aryl[1,2-c]quinazoline unit. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 138, 441-446.	2.0	11
106	Fixation of sulfur dioxide into small molecules. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1592-1599.	1.5	239
107	Effects of solvents on the growth of an asymmetrical photochromic diarylethene crystal. <i>Dyes and Pigments</i> , 2015, 113, 61-69.	2.0	26
108	A multiple switching diarylethene with a phenyl-linked rhodamine B unit and its application as chemosensor for Cu <sup>2+</sup> . <i>Dyes and Pigments</i> , 2015, 113, 70-77.	2.0	64

#	ARTICLE	IF	CITATIONS
109	Substituent effects on the properties of photochromic hybrid diarylethenes with a naphthalene moiety. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 1222-1230.	2.0	6
110	The effects of phenyl-bridged glucosyltriazolyl groups on the properties of water-soluble diarylethene derivatives. <i>Tetrahedron</i> , 2014, 70, 852-858.	1.0	7
111	A multi-addressable molecular switch based on a novel diarylethene with an imidazo [4,5- <i>f</i> ] [1,10] phenanthroline unit. <i>Journal of Physical Organic Chemistry</i> , 2014, 27, 183-190.	0.9	18
112	Multi-addressable fluorescent switch based on a photochromic diarylethene with triazole-bridged methylquinoline group. <i>Dyes and Pigments</i> , 2014, 103, 82-88.	2.0	50
113	A highly selective ratiometric fluorescent chemosensor for Hg <sup>2+</sup> based on a new diarylethene with a stilbene-linked terpyridine unit. <i>Dyes and Pigments</i> , 2014, 107, 38-44.	2.0	44
114	Synthesis, crystal structure and photochromism of new diarylethenes with a benzene moiety. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 131, 235-242.	2.0	6
115	Photochromism of asymmetrical diarylethenes with a pyrimidine unit: Synthesis and substituent effects. <i>Dyes and Pigments</i> , 2014, 102, 159-168.	2.0	12
116	Multiaddressing Fluorescence Switch Based on a New Photochromic Diarylethene with a Triazole-Linked Rhodamine B Unit. <i>Journal of Physical Chemistry C</i> , 2014, 118, 7010-7017.	1.5	79
117	Photochromism of a novel asymmetrical diarylethene with a (formyloxyethoxy)ethyl-linked naphthalimide moiety. <i>Journal of Physical Organic Chemistry</i> , 2014, 27, 764-769.	0.9	5
118	Novel sensitive sensors for Cu <sup>2+</sup> and optical switching of photochromic dithienylethene derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 294, 44-53.	2.0	26
119	Multi-responsive photochromism of a new diarylethene with a salicylaldehyde group. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 132, 339-344.	2.0	26
120	Enhancement of cyclization quantum yields of perfluorodiarlylethenes via weak intramolecular interactions. <i>Chemical Communications</i> , 2013, 49, 8036.	2.2	49
121	Multi-addressable molecular switches based on a new diarylethene salicylal Schiff base derivative. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4726.	2.7	107
122	A sensitive sensor for Cu(II) based on a novel diarylethene with a bipyridyl moiety. <i>Tetrahedron Letters</i> , 2013, 54, 5791-5794.	0.7	22
123	A highly selective colorimetric sensor for cysteine and homocysteine based on a new photochromic diarylethene. <i>Dyes and Pigments</i> , 2013, 98, 280-285.	2.0	31
124	A new photoinduced fluorescent switch based on a photochromic diarylethene with a rhodamine fluorophore. <i>Dyes and Pigments</i> , 2012, 94, 416-422.	2.0	30
125	Generation of 11-fluoro-1 <i>H</i> -indeno[1,2- <i>c</i> ]quinolines via a Palladium-Catalyzed Three-Component Reaction of 2-Alkynylbromobenzenes, 2-Alkynylanilines, and <i>N</i> -Fluorobenzenesulfonimide. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 171-178.	2.1	22
126	Synthesis, optoelectronic property and application in optical storage of a novel diarylethene bearing an indole unit and a benzene ring. , 2011, , .		0



#	ARTICLE	IF	CITATIONS
127	Synthesis and fluorescence switching of a new blue photochromic diarylethene. , 2011, , .		0
128	Fluorescent probes for Al(III) and Cr(III) based on a photochromic diarylethene bearing a fluorescent rhodamine unit. Mikrochimica Acta, 2011, 174, 329-336.	2.5	30
129	Synthesis of a novel unsymmetrical photochromic diarylethene compound bearing indole unit. , 2011, , .		0
130	Photochromic, kinetic and application for optical recording of a new diarylethene bearing pyrrole unit. , 2011, , .		0
131	Polarization holographic optical recording based on a new photochromic diarylethene compound. Frontiers of Chemistry in China: Selected Publications From Chinese Universities, 2010, 5, 234-240.	0.4	5
132	Synthesis and the effect of substituent position upon unsymmetrical isomeric diarylethenes bearing a pyrrole unit. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 214, 230-240.	2.0	45
133	Synthesis, Photochromism and Optical Storage of a Novel Diarylethene Compound. , 2009, , .		0
134	Synthesis, Photochromism and Photoinduced Anisotropy of a New Photochromic Diarylethene. , 2009, , .		0
135	Substituent position effect on the properties of new unsymmetrical isomeric diarylethenes having a chlorine atom. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 197, 415-425.	2.0	107