

Gang Liu

List of Publications by Year in descending order

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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	Fixation of sulfur dioxide into small molecules. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1592-1599.	1.5	239
2	Recent advances in diarylethene-based multi-responsive molecular switches. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3075-3093.	2.7	201
3	A colorimetric and fluorescent sensor for Cu ²⁺ and F ⁻ 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
4	Substituent position effect on the properties of new unsymmetrical isomeric diarylethenes having a chlorine atom. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 197, 415-425.	2.0	107
5	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
6	Carbazole-based aggregation-induced emission (AIE)-active gold(I) complex: Persistent room-temperature phosphorescence, reversible mechanochromism and vapochromism characteristics. <i>Dyes and Pigments</i> , 2017, 143, 409-415.	2.0	87
7	A highly selective fluorescence sensor for Zn ²⁺ and Cu ²⁺ based on diarylethene with a piperazine-linked amidoquinoline unit. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4023-4029.	2.7	83
8	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
9	A highly selective diarylethene chemosensor for colorimetric detection of CN ⁻ and fluorescent relay-detection of Al ³⁺ /Cr ³⁺ . <i>Dyes and Pigments</i> , 2018, 151, 22-27.	2.0	71
10	A multiple switching diarylethene with a phenyl-linked rhodamine B unit and its application as chemosensor for Cu ²⁺ . <i>Dyes and Pigments</i> , 2015, 113, 70-77.	2.0	64
11	A highly sensitive fluorescent sensor for Al ³⁺ and Zn ²⁺ 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
12	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
13	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
14	A highly sensitive fluorescent sensor for Cd ²⁺ and Zn ²⁺ based on diarylethene with a pyrene unit. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117581.	2.0	57
15	pH-responsive UV crosslinkable chitosan hydrogel via α -thiol-ene click chemistry for active modulating opposite drug release behaviors. <i>Carbohydrate Polymers</i> , 2021, 251, 117101.	5.1	57
16	A fluorescent chemosensor for Sn ²⁺ and Cu ²⁺ based on a carbazole-containing diarylethene. <i>RSC Advances</i> , 2017, 7, 9833-9839.	1.7	55
17	A fluorescent sensor based on a diarylethene-rhodamine derivative for sequentially detecting Cu ²⁺ and arginine and its application in keypad lock. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 26-35.	4.0	51
18	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

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19	Diarylethene-based fluorescent and colorimetric chemosensor for the selective detection of Al ³⁺ and CN ⁻ . <i>Dyes and Pigments</i> , 2019, 164, 257-266.	2.0	50
20	Enhancement of cyclization quantum yields of perfluorodiarylethenes via weak intramolecular interactions. <i>Chemical Communications</i> , 2013, 49, 8036.	2.2	49
21	AIE-Based Theranostic Agent: In Situ Tracking Mitophagy Prior to Late Apoptosis To Guide the Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1988-1996.	4.0	49
22	A new diarylethene-derived probe for colorimetric sensing of Cu(II) and fluorometric sensing of Cu(II) and Zn(II): Photochromism and High Selectivity. <i>Sensors and Actuators B: Chemical</i> , 2018, 266, 603-613.	4.0	48
23	Synthesis and the effect of substituent position upon unsymmetrical isomeric diarylethenes bearing a pyrrole unit. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 214, 230-240.	2.0	45
24	A highly selective and sensitive ratiometric fluorescent chemosensor for Zn ²⁺ based on diarylethene with a benzyl-linked 8-aminoquinoline-2-aminomethylpyridine unit. <i>Dyes and Pigments</i> , 2016, 126, 121-130.	2.0	45
25	A highly selective ratiometric fluorescent chemosensor for Hg ²⁺ based on a new diarylethene with a stilbene-linked terpyridine unit. <i>Dyes and Pigments</i> , 2014, 107, 38-44.	2.0	44
26	Bipyridine-based aggregation-induced phosphorescent emission (AIPE)-active gold(I) complex with reversible phosphorescent mechanochromism and self-assembly characteristics. <i>Dyes and Pigments</i> , 2018, 152, 54-59.	2.0	39
27	Triphenylamine, carbazole or tetraphenylethylene-based gold(I) complexes: Tunable solid-state room-temperature phosphorescence and various mechanochromic luminescence characteristics. <i>Dyes and Pigments</i> , 2018, 159, 499-505.	2.0	38
28	A highly selective fluorescent sensor for Cd ²⁺ based on a new diarylethene with a 1,8-naphthyridine unit. <i>Dyes and Pigments</i> , 2017, 139, 208-217.	2.0	36
29	Highly sensitive and selective turn-on fluorescent sensor for dual recognition of Cu ²⁺ and CN ⁻ based on a methylquinoline derivative. <i>Dyes and Pigments</i> , 2018, 149, 764-773.	2.0	36
30	A diarylethene-based fluorescent chemosensor for the sequential recognition of Fe ³⁺ and cysteine. <i>RSC Advances</i> , 2016, 6, 34748-34753.	1.7	35
31	A highly selective fluorescent chemosensor for Fe ³⁺ based on a new diarylethene with a rhodamine 6G unit. <i>RSC Advances</i> , 2017, 7, 29827-29834.	1.7	34
32	Aggregation-induced emission enhancement (AIEE)-active tetraphenylethene (TPE)-based chemosensor for Hg ²⁺ with solvatochromism and cell imaging characteristics. <i>RSC Advances</i> , 2019, 9, 11865-11869.	1.7	34
33	A acid/base gated photochromic and fluorescent sensor based on a diarylethene with a 2-(1 H) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.0	33
34	A rhodamine-based sensor for Hg ²⁺ and resultant complex as a fluorescence sensor for I^â. <i>RSC Advances</i> , 2016, 6, 80723-80728.	1.7	32
35	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
36	Fluorescent probes for Al(III) and Cr(III) based on a photochromic diarylethene bearing a fluorescent rhodamine unit. <i>Mikrochimica Acta</i> , 2011, 174, 329-336.	2.5	30

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37	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
38	A highly selective and sensitive fluorescent chemosensor for Zn ²⁺ based on a diarylethene derivative. <i>RSC Advances</i> , 2017, 7, 50188-50194.	1.7	29
39	Tetraphenylethene-based highly emissive fluorescent molecules with aggregation-induced emission (AIE) and various mechanofluorochromic characteristics. <i>Tetrahedron Letters</i> , 2018, 59, 836-840.	0.7	29
40	Luminol-Eu-based ratiometric fluorescence probe for highly selective and visual determination of tetracycline. <i>Talanta</i> , 2021, 234, 122612.	2.9	29
41	A highly selective fluorescence switch for Cu ²⁺ and Fe ³⁺ based on a new diarylethene with a triazole-linked rhodamine 6G unit. <i>Tetrahedron</i> , 2018, 74, 4390-4399.	1.0	28
42	A highly selective fluorescent probe for detection of Cd ²⁺ and HSO ₃ ⁻ based on photochromic diarylethene with a triazole-bridged coumarin-quinoline group. <i>RSC Advances</i> , 2018, 8, 22786-22798.	1.7	27
43	A sensitive fluorescence "on-off" 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
44	Novel sensitive sensors for Cu ²⁺ and optical switching of photochromic dithienylethene derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 294, 44-53.	2.0	26
45	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
46	Effects of solvents on the growth of an asymmetrical photochromic diarylethene crystal. <i>Dyes and Pigments</i> , 2015, 113, 61-69.	2.0	26
47	A turn-on fluorescence sensor for the highly selective detection of Al ³⁺ based on diarylethene and its application on test strips. <i>RSC Advances</i> , 2019, 9, 10395-10404.	1.7	26
48	New Bifunctional Diarylethene Sensor for Multianalyte Detection and Al ³⁺ Imaging in Live Cells. <i>ACS Omega</i> , 2019, 4, 309-319.	1.6	26
49	A novel sensitive sensor for Cu ²⁺ and multi-switch based on a diarylethene with a 2-(2-hydroxyphenyl)benzothiazole unit. <i>Tetrahedron</i> , 2016, 72, 2935-2942.	1.0	25
50	Cyanobenzene-containing tetraphenylethene derivatives with aggregation-induced emission and self-recovering mechanofluorochromic characteristics. <i>RSC Advances</i> , 2017, 7, 43845-43848.	1.7	25
51	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
52	A colorimetric and ratiometric fluorescent sensor for sequentially detecting Cu ²⁺ and arginine based on a coumarin-rhodamine B derivative and its application for bioimaging. <i>RSC Advances</i> , 2019, 9, 6643-6649.	1.7	25
53	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
54	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

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55	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
56	Generation of 11-Fluoro-1H-indeno[1,2-c]quinolines via a Palladium-Catalyzed Three-Component Reaction of 2-Alkynylbromobenzenes, 2-Alkynylanilines, and N-Fluorobenzenesulfonimide. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 171-178.	2.1	22
57	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
58	Novel multi-responsive fluorescence switch for Hg ²⁺ and UV/vis lights based on diarylethene-rhodamine derivative. <i>Tetrahedron</i> , 2019, 75, 1517-1524.	1.0	22
59	Highly emissive carbazole-based gold(III) complex with a long room-temperature phosphorescence lifetime and self-reversible mechanochromism characteristics. <i>RSC Advances</i> , 2017, 7, 15112-15115.	1.7	21
60	Solvent-dependent selective fluorescence sensor for Zn ²⁺ and Al ³⁺ based on a new diarylethene with a salicylal schiff base group. <i>Tetrahedron</i> , 2017, 73, 1691-1697.	1.0	21
61	A multi-responsive diarylethene-rhodamine 6G derivative for sequential detection of Cr ³⁺ and CO ₂ . <i>Tetrahedron</i> , 2018, 74, 3489-3497.	1.0	21
62	A highly selective fluorescent chemosensor for Cu ²⁺ based on a new diarylethene with triazole-linked fluorescein. <i>Tetrahedron</i> , 2016, 72, 985-991.	1.0	20
63	A ratiometric and colorimetric probe for detecting Hg ²⁺ based on naphthalimide-rhodamine and its staining function in cell imaging. <i>RSC Advances</i> , 2019, 9, 11664-11669.	1.7	20
64	Selective rhodamine-based probe for detecting Hg ²⁺ and its application as test strips and cell staining. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 390, 112302.	2.0	20
65	A photochromic diarylethene-functionalized fluorescent probe for Cd ²⁺ and Zn ²⁺ detections. <i>Tetrahedron</i> , 2020, 76, 131618.	1.0	20
66	Ratiometric fluorescent sensing for phosphate based on Eu/Ce/UiO-66-(COOH) ₂ nanoprobe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 252, 119493.	2.0	20
67	A colorimetric fluorescent sensor for Cr ³⁺ 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
68	A highly selective fluorescence probe for Al ³⁺ based on a new diarylethene with a 6-(hydroxymethyl)picolinohydrazide unit. <i>Tetrahedron</i> , 2016, 72, 8449-8455.	1.0	19
69	A dual-responsive fluorescent probe for detection of H ₂ S and Cu ²⁺ based on rhodamine-naphthalimide and cell imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 427, 113801.	2.0	19
70	A multi-addressable molecular switch based on a novel diarylethene with an imidazo [4,5-f] [1,10] phenanthroline unit. <i>Journal of Physical Organic Chemistry</i> , 2014, 27, 183-190.	0.9	18
71	A new fluorescence probe based on fluorescein-diarylethene fluorescence resonance energy transfer system for rapid detection of Cd ²⁺ . <i>Tetrahedron</i> , 2016, 72, 6390-6396.	1.0	18
72	A new fluorescent sensor for Zn ²⁺ 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

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73	A diarylethene-based "off-on" fluorescence sensor for the sequential recognition of mercury and cysteine. <i>RSC Advances</i> , 2017, 7, 20591-20596.	1.7	17
74	An "off-on" sensor for sequential detection of Cu ²⁺ and hydrogen sulfide based on a naphthalimide-rhodamine B derivative and its application in dual-channel cell imaging. <i>RSC Advances</i> , 2018, 8, 33121-33128.	1.7	17
75	Aggregation-induced emission enhancement (AIEE)-active mechanofluorochromic tetraphenylethene derivative bearing a rhodamine unit. <i>Tetrahedron Letters</i> , 2018, 59, 4416-4419.	0.7	17
76	Bifunctional Cu ²⁺ /Fe ³⁺ 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
77	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
78	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
79	A colorimetric and fluorescent chemosensor for Hg ²⁺ based on a photochromic diarylethene with a quinoline unit. <i>RSC Advances</i> , 2018, 8, 39854-39864.	1.7	15
80	A solvent-dependent chemosensor for fluorimetric detection of Hg ²⁺ and colorimetric detection of Cu ²⁺ based on a new diarylethene with a rhodamine B unit. <i>RSC Advances</i> , 2019, 9, 42155-42162.	1.7	15
81	Multi-functional ion sensor based on a photochromic diarylethene with a 1 <i>H</i> -imidazo[4,5-f] [1,10] phenanthroline unit. <i>Luminescence</i> , 2015, 30, 1290-1296.	1.5	14
82	A Highly Selective Chemosensor for Cu ²⁺ Based on a Diarylethene Linking an Aminoquinoline Unit. <i>Chinese Journal of Chemistry</i> , 2015, 33, 1310-1316.	2.6	14
83	A highly selective fluorescent chemosensor for Cu ²⁺ : synthesis and properties of a rhodamine B-containing diarylethene. <i>Luminescence</i> , 2017, 32, 652-660.	1.5	14
84	A novel fluorescence "turn-on" sensor based on a photochromic diarylethene for the selective detection of Al(III). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 196, 303-310.	2.0	14
85	A terpyridine-based test strip for the detection of Hg ²⁺ in various water samples and drinks. <i>Analytical Methods</i> , 2019, 11, 227-231.	1.3	14
86	1,8-Naphthalimide-based highly emissive luminogen with reversible mechanofluorochromism and good cell imaging characteristics. <i>Tetrahedron Letters</i> , 2018, 59, 3600-3604.	0.7	13
87	Thiophene-containing tetraphenylethene derivatives with different aggregation-induced emission (AIE) and mechanofluorochromic characteristics. <i>RSC Advances</i> , 2019, 9, 24338-24343.	1.7	13
88	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
89	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
90	A highly selective colorimetric and fluorescent probe for Cu ²⁺ based diarylethene with a diaminomaleonitrile unit. <i>Tetrahedron</i> , 2021, 78, 131788.	1.0	13

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91	Photochromism of asymmetrical diarylethenes with a pyrimidine unit: Synthesis and substituent effects. <i>Dyes and Pigments</i> , 2014, 102, 159-168.	2.0	12
92	A colorimetric and fluorescent chemosensor for selective detection of Cu ²⁺ based on a new diarylethene with a benzophenone hydrazone unit. <i>Luminescence</i> , 2017, 32, 1473-1481.	1.5	12
93	A H ₂ O-induced fluorescence turn-on diarylethene derivative and its fluorescent sensing Al ³⁺ . <i>Microchemical Journal</i> , 2021, 163, 105887.	2.3	12
94	A Novel Diarylethene-rhodamine Unit Based Chemosensor for Fluorimetric and Colorimetric Detection of Hg ²⁺ . <i>Journal of Fluorescence</i> , 2021, 31, 1513-1523.	1.3	12
95	Rational design of a FRET-based ratiometric fluorescent probe with large Pseudo-Stokes shift for detecting Hg ²⁺ 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
96	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
97	A new sensitive symmetric fluorescein-linked diarylethene chemosensor for Hg ²⁺ detection. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 367, 465-470.	2.0	11
98	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
99	A novel fluorescent sensor for Al ³⁺ based on a new diarylethene with a naphthalimide unit. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 338, 192-200.	2.0	10
100	Copper-Catalyzed Diversity-Oriented Synthesis (DOS) of 4-Amino-2 <i>H</i> -chromen-2-imines: Application of Kemp Elimination toward O-Heterocycles. <i>ACS Omega</i> , 2018, 3, 8160-8168.	1.6	10
101	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
102	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
103	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
104	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
105	Diarylethene-based multi-controllable switch with pyridinepiperazine-linked hydroxyquinoline group. <i>Tetrahedron</i> , 2019, 75, 2284-2290.	1.0	7
106	A new highly selective diarylethene with near-infrared fluorochrome unit for sequential detection of copper ion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 211, 322-329.	2.0	7
107	A naphthalene-dansylhydrazine based ratiometric fluorescence probe for selectively detecting Cu ²⁺ . <i>Tetrahedron Letters</i> , 2020, 61, 151427.	0.7	7
108	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

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109	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
110	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
111	Highly selective ratiometric fluorescent Zn ²⁺ chemosensor based on diarylethene derivative with bis-carboxamidoquinoline unit. <i>Luminescence</i> , 2016, 31, 1488-1495.	1.5	6
112	A diarylethene-based fluorescent chemosensor for highly selective recognition of Zn ²⁺ and its application. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 431, 114011.	2.0	6
113	Polarization holographic optical recording based on a new photochromic diarylethene compound. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2010, 5, 234-240.	0.4	5
114	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
115	Synthesis and photochromism of a novel amphiphilic diarylethene bearing two cholic acid groups. <i>Tetrahedron Letters</i> , 2016, 57, 1963-1966.	0.7	5
116	Hg ²⁺ -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
117	A high selective chemosensor for detection of Al ³⁺ based on diarylethene with a hydrazide unit. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 425, 113718.	2.0	5
118	Effects of heteroaryl ring on the photochromism of asymmetrical diarylethenes containing a naphthalene group. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 205, 470-478.	2.0	4
119	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
120	Development of dual-fluorophore and dual-site multifunctional fluorescent probe for detecting HClO and H ₂ S based on rhodamine-coumarin units. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 433, 114144.	2.0	4
121	A multiple switching diarylethene dimer with a bis(benzylene)amine-linked naphthalimide unit. <i>Tetrahedron</i> , 2017, 73, 6164-6171.	1.0	3
122	Structure and photochromism of 1,2-bis[2-methyl-5-(2-chlorophenyl)-3-thienyl]-3,3,4,4,5,5-hexafluorocyclopent-1-ene, C ₂₇ H ₁₆ Cl ₂ F ₆ S ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 359-361.	0.1	3
123	Bifunctional probe for Cu ²⁺ /Al ³⁺ 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
124	Synthesis, Photochromism and Optical Storage of a Novel Diarylethene Compound. , 2009, , .		0
125	Synthesis, Photochromism and Photoinduced Anisotropy of a New Photochromic Diarylethene. , 2009, , .		0
126	Synthesis, optoelectronic property and application in optical storage of a novel diarylethene bearing an indole unit and a benzene ring. , 2011, , .		0

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127	Synthesis and fluorescence switching of a new blue photochromic diarylethene. , 2011, , .		0
128	Synthesis of a novel unsymmetrical photochromic diarylethene compound bearing indole unit. , 2011, , .		0
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