

# Renjie Wang

## List of Publications by Year in descending order

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38  
papers

779  
citations

471061

17  
h-index

525886

27  
g-index

38  
all docs

38  
docs citations

38  
times ranked

644  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Photochromism of Asymmetrical Diarylethenes with a Pyrrole Unit: Effects of Aromatic Stabilization Energies of Aryl Rings. <i>Organic Letters</i> , 2013, 15, 980-983.	2.4	102
3	A highly selective fluorescent sensor for Cd <sup>2+</sup> based on a new diarylethene with a 1,8-naphthyridine unit. <i>Dyes and Pigments</i> , 2017, 139, 208-217.	2.0	36
4	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. <i>Dyes and Pigments</i> , 2018, 149, 764-773.	2.0	36
5	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
6	New photochromic diarylethenes bearing a condensed aromatics moiety. <i>Tetrahedron Letters</i> , 2011, 52, 3306-3310.	0.7	30
7	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
8	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
9	New Bifunctional Diarylethene Sensor for Multianalyte Detection and Al <sup>3+</sup> Imaging in Live Cells. <i>ACS Omega</i> , 2019, 4, 309-319.	1.6	26
10	Photochromism of new unsymmetrical diarylethene derivatives bearing both benzofuran and thiophene moieties. <i>Dyes and Pigments</i> , 2012, 94, 195-206.	2.0	25
11	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
12	A bifunctional probe for Al <sup>3+</sup> and Zn <sup>2+</sup> based on diarylethene with an ethylimidazo[2,1-b]thiazole-6-hydrazide unit. <i>Tetrahedron Letters</i> , 2019, 60, 106-112.	0.7	22
13	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
14	Photochromic diarylethenes with a naphthalene moiety: synthesis, photochromism, and substitution effects. <i>Tetrahedron</i> , 2013, 69, 5537-5544.	1.0	20
15	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
16	A new multi-addressable molecular switch based on a photochromic diarylethene with a thieno-imidazole unit. <i>Tetrahedron Letters</i> , 2016, 57, 1877-1881.	0.7	19
17	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
18	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

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19	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
20	The effect of the formyl group position upon asymmetric isomeric diarylethenes bearing a naphthalene moiety. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 1018-1026.	1.3	15
21	Multi-functional ion sensor based on a photochromic diarylethene with a 1 <i>H</i> -imidazo[4,5- <i>f</i> ][1,10] phenanthroline unit. <i>Luminescence</i> , 2015, 30, 1290-1296.	1.5	14
22	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
23	The effects of heteroaryl ring on the photochromism of diarylethenes with a naphthalene moiety. <i>Tetrahedron Letters</i> , 2013, 54, 5307-5310.	0.7	13
24	A new fluorescence sensor based on diarylethene with a N'-(quinolin-8-ylmethylene)benzohydrazide group for Zn <sup>2+</sup> detection. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 364, 32-39.	2.0	13
25	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
26	Aggregation-induced emission compounds based on 9,10-dithienylanthracene and their applications in cell imaging. <i>Dyes and Pigments</i> , 2020, 175, 108112.	2.0	13
27	Effects of substituents on the optical properties of AIEE-active 9, 10-dithiopheneanthrylene derivatives and their applications in cell imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 412, 113221.	2.0	12
28	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
29	AIEE compounds based on 9,10-dithienylanthracene-substituted triphenylamine: design, synthesis, and applications in cell imaging. <i>New Journal of Chemistry</i> , 2022, 46, 9534-9542.	1.4	7
30	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
31	Synthesis and photochromism of isomeric unsymmetrical diarylethenes bearing both naphthalene and thiophene moieties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 243, 47-55.	2.0	5
32	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
33	1,10-Phenanthroline decorated with substituent groups forming europium(III) complexes: synthesis, crystal structure, photoluminescence properties and their bioimaging in living cells. <i>Journal of Coordination Chemistry</i> , 2020, 73, 2311-2327.	0.8	4
34	Synthesis and properties of asymmetric 9, 10-dithienylanthracene derivatives with AIEE properties and their applications in cell imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 400, 112663.	2.0	4
35	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]-1 <i>H</i> -imidazole unit. <i>Tetrahedron</i> , 2019, 75, 130708.	1.0	3
36	Fluorophore dyes based on 9-thienylanthracene: AIEE behaviors, performance in solid state, and bioimaging in living cells. <i>Dyes and Pigments</i> , 2022, 205, 110487.	2.0	3

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37	Synthesis and properties of photochromic hybrid diarylethenes bearing benzothiophene and pyrrole moieties. <i>Tetrahedron Letters</i> , 2021, 68, 152910.	0.7	2
38	Photochromic, kinetic and application for optical recording of a new diarylthene bearing pyrrole unit. , 2011, , .		0