

Shiqiang Cui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1297492/publications.pdf>

Version: 2024-02-01

45
papers

805
citations

430874

18
h-index

501196

28
g-index

45
all docs

45
docs citations

45
times ranked

628
citing authors

#	ARTICLE	IF	CITATIONS
1	A new diarylethene based chemosensor for colorimetric recognition of arginine and fluorescent detection of Cu ²⁺ . Journal of Photochemistry and Photobiology A: Chemistry, 2022, 423, 113592.	3.9	3
2	Construction of a photo-controlled fluorescent switching with diarylethene modified carbon dots. Nanotechnology, 2022, , .	2.6	4
3	Construction of reversible fluorescent switching systems with CdSe quantum dots and photochromic diarylethenes. Optical Materials, 2022, 126, 112216.	3.6	1
4	A multi-functional chemosensor for dual channel detection of Arg and colorimetric recognition of Cu ²⁺ . Dyes and Pigments, 2021, 195, 109752.	3.7	9
5	A high selective fluorescent sensor for Cu ²⁺ in solution and test paper strips. Dyes and Pigments, 2020, 173, 107914.	3.7	60
6	A double target fluorescent sensor based on diarylethene for detection of Al ³⁺ and Zn ²⁺ . Tetrahedron Letters, 2020, 61, 152372.	1.4	12
7	Photo-Modulated Reversible Switching of Fluorescence from ZnO Quantum Dots with a Photochromic Diarylethene. ChemistrySelect, 2020, 5, 13919-13924.	1.5	6
8	A novel diarylethene-based fluorescence sensor with a benzohydrazide unit for the detection of Zn ²⁺ . Journal of Physical Organic Chemistry, 2020, 33, e4113.	1.9	8
9	A Novel Donor-Acceptor Fluorescent Sensor for Zn ²⁺ with High Selectivity and its Application in Test Paper. Journal of Fluorescence, 2020, 30, 1567-1574.	2.5	11
10	Novel Diarylethene-Based Fluorescent Switching for the Detection of Al ³⁺ and Construction of Logic Circuit. ACS Omega, 2019, 4, 14841-14848.	3.5	24
11	A highly selective fluorescent sensor for Ca ²⁺ and Sr ²⁺ based on diarylethene with a furan-carbohydrazide unit. Tetrahedron, 2019, 75, 3772-3778.	1.9	4
12	A dual-functional fluorescent sensor based on diarylethene for Zn ²⁺ and Al ³⁺ in different solvents. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 376, 185-195.	3.9	26
13	A novel diarylethene-based fluorescent "turn-on" sensor for the selective detection of Mg ²⁺ . RSC Advances, 2019, 9, 6021-6026.	3.6	9
14	A bifunctional sensor based on diarylethene for the colorimetric recognition of Cu ²⁺ and fluorescence detection of Cd ²⁺ . RSC Advances, 2019, 9, 29141-29148.	3.6	16
15	A diarylethene based multi-functional sensor for fluorescent detection of Cd ²⁺ and colorimetric detection of Cu ²⁺ . Dyes and Pigments, 2019, 161, 34-43.	3.7	54
16	A new fluorescence probe based on diarylethene with a benzothiazine unit for selective detection of Cd ²⁺ . Tetrahedron, 2018, 74, 7431-7437.	1.9	18
17	A multi-functional fluorescent sensor for Zn ²⁺ and HSO ₄ ⁻ based on a new diarylethene derivative. Tetrahedron Letters, 2018, 59, 3365-3372.	1.4	25
18	A highly sensitive fluorescent sensor for Zn ²⁺ based on diarylethene with an imidazole unit. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 205, 21-28.	3.9	24

#	ARTICLE	IF	CITATIONS
19	A highly selective fluorescence "turn-on" sensor for Ca ²⁺ based on diarylethene with a triazoloyl hydrazine unit. <i>RSC Advances</i> , 2018, 8, 29295-29300.	3.6	19
20	A novel fluorescent sensor based on a diarylethene containing a hydrazinylpyridine unit for Cd ²⁺ and Zn ²⁺ with high selectivity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 367, 212-218.	3.9	23
21	A highly sensitive and selective fluorescent sensor for Al ³⁺ and Zn ²⁺ based on diarylethene with an aminouracil unit. <i>Tetrahedron</i> , 2017, 73, 915-922.	1.9	14
22	A multi-state fluorescent switch based on a diarylethene with an acridine unit. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 173, 75-81.	3.9	3
23	A Dual-Channel Sensor for Hg ²⁺ Based on a Diarylethene with a Rhodamine B Unit. <i>Journal of Fluorescence</i> , 2016, 26, 1421-1429.	2.5	6
24	A highly selective fluorescent sensor for Al ³⁺ based on a new diarylethene with a 3-hydroxy-2-naphthohydrazide unit. <i>RSC Advances</i> , 2016, 6, 84592-84598.	3.6	5
25	A multi-addressable diarylethene for the selective detection of Al ³⁺ and the construction of a logic circuit. <i>RSC Advances</i> , 2016, 6, 107475-107482.	3.6	14
26	A highly selective fluorescent sensor for dual detection of Zn ²⁺ and F ⁻ based on a new diarylethene. <i>Tetrahedron Letters</i> , 2016, 57, 2703-2707.	1.4	22
27	Multi-addressable fluorescence switch based on a new photochromic diarylethene with two rhodamine B units. <i>Tetrahedron</i> , 2016, 72, 4400-4407.	1.9	6
28	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.	1.9	17
29	Highly sensitive fluorescent sensor for Mg ²⁺ and Ca ²⁺ based on a multi-addressable diarylethene. <i>RSC Advances</i> , 2016, 6, 19957-19963.	3.6	17
30	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.	3.7	45
31	A novel colorimetric sensor based on a diarylethene derivative for selective detection of Cu(II). <i>Analytical Methods</i> , 2015, 7, 3593-3599.	2.7	19
32	A highly selective fluorescent probe for Sn ²⁺ based on a new photochromic diarylethene with a phenol-containing Schiff base unit. <i>Tetrahedron</i> , 2014, 70, 9070-9076.	1.9	13
33	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.	3.9	26
34	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.	3.9	26
35	A highly selective fluorescent probe for Zn ²⁺ based on a new photochromic diarylethene with a di-2-picolyamine unit. <i>Dyes and Pigments</i> , 2013, 99, 950-956.	3.7	23
36	Multi-addressable molecular switches based on photochromic diarylethenes bearing a rhodamine unit. <i>Journal of Materials Chemistry</i> , 2012, 22, 3517.	6.7	93

#	ARTICLE	IF	CITATIONS
37	Synthesis and fluorescence switching of a new blue photochromic diarylethene. , 2011, , .		0
38	Synthesis and properties of a new asymmetrical photochromic diarylethene bearing an isoxazole unit. , 2011, , .		0
39	Fluorescent probes for Al(III) and Cr(III) based on a photochromic diarylethene bearing a fluorescent rhodamine unit. Mikrochimica Acta, 2011, 174, 329-336.	5.0	30
40	Synthesis and photochromic properties of a multiple responsive diarylethene and its selective binding affinity for copper(II) ion. Dyes and Pigments, 2011, 91, 435-441.	3.7	45
41	A proton and optic dual-control molecular switch based on photochromic diarylethene bearing a rhodamine unit. Tetrahedron, 2011, 67, 4236-4242.	1.9	25
42	Synthesis of a novel unsymmetrical photochromic diarylethene compound bearing indole unit. , 2011, , .		0
43	Synthesis and properties of a novel photochromic diarylethene based on five and six rings. , 2011, , .		0
44	Synthesis and properties of a new diarylethene with n-amyl for optical recording. , 2011, , .		0
45	Synthesis, Photochromism and Optical Storage of a Novel Diarylethene Compound. , 2009, , .		0