

Renjie Wang

List of Publications by Year in descending order

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38
papers

779
citations

471061
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525886
27
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all docs

38
docs citations

38
times ranked

644
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 | 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 |
| 3 | 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 |
| 4 | Synthesis and properties of photochromic hybrid diarylethenes bearing benzothiophene and pyrrole moieties. <i>Tetrahedron Letters</i> , 2021, 68, 152910. | 0.7 | 2 |
| 5 | 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 |
| 6 | Aggregation-induced emission compounds based on 9,10-diheteroaryl anthracene and their applications in cell imaging. <i>RSC Advances</i> , 2020, 10, 2170-2179. | 1.7 | 13 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | A bifunctional probe for Al ³⁺ and Zn ²⁺ based on diarylethene with an ethylimidazo[2,1-b]thiazole-6-hydrazide unit. <i>Tetrahedron Letters</i> , 2019, 60, 106-112. | 0.7 | 22 |
| 14 | 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 |
| 15 | 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 |
| 16 | A new fluorescence sensor based on diarylethene with a N'-(quinolin-8-ylmethylene)benzohydrazide group for Zn ²⁺ detection. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 364, 32-39. | 2.0 | 13 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | A acid/base gated photochromic and fluorescent sensor based on a diarylethene with a 2-(1H)-1,2,4-triazole unit. <i>Tetrahedron Letters</i> , 2017, 48, 107-110. | 2.0 | 33 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | Multi-functional ion sensor based on a photochromic diarylethene with a 1H-imidazo [4,5-f] [1,10] phenanthroline unit. <i>Luminescence</i> , 2015, 30, 1290-1296. | 1.5 | 14 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | Photochromic diarylethenes with a naphthalene moiety: synthesis, photochromism, and substitution effects. <i>Tetrahedron</i> , 2013, 69, 5537-5544. | 1.0 | 20 |
| 34 | 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 |
| 35 | 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 |
| 36 | Photochromism of new unsymmetrical diarylethene derivatives bearing both benzofuran and thiophene moieties. <i>Dyes and Pigments</i> , 2012, 94, 195-206. | 2.0 | 25 |

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|----|--|-----|-----------|
| 37 | New photochromic diarylethenes bearing a condensed aromatics moiety. Tetrahedron Letters, 2011, 52, 3306-3310. | 0.7 | 30 |
| 38 | Photochromic, kinetic and application for optical recording of a new diarylthene bearing pyrrole unit. , 2011, , . | | 0 |