

Lei Liu

List of Publications by Year in descending order

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17
papers

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1163117

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docs citations

17
times ranked

327
citing authors

#	ARTICLE	IF	CITATIONS
1	Roles of hydrogen bonds and π - π stacking in the optical detection of nitro-explosives with a luminescent metal-organic framework as the sensor. <i>RSC Advances</i> , 2015, 5, 3045-3053.	3.6	62
2	Photophysical Properties of a Post-Self-Assembly Host/Guest Coordination Cage: Visible Light Driven Core-to-Cage Charge Transfer. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 1942-1947.	4.6	56
3	Electron Transfer Facilitated by π - π Stacking during the Nitrobenzene Recognition Process of an MOF Sensor. <i>Journal of Physical Chemistry C</i> , 2021, 125, 12433-12440.	3.1	21
4	A sensitive and rapid Ca^{2+} -fluorescent probe for the detection of esterase and its application in evaluating cell status and discrimination of living cells and dead cells. <i>Analyst</i> , 2020, 145, 1408-1413.	3.5	17
5	Copper-Catalyzed Oxidative Alkylation of Vinyllic $\text{C}=\text{C}$ of Enamides with Cyclic Ethers. <i>ChemistrySelect</i> , 2019, 4, 6954-6957.	1.5	16
6	A ratiometric fluorescent probe for rapidly detecting bio-thiols in vitro and in living cells. <i>Dyes and Pigments</i> , 2019, 171, 107688.	3.7	15
7	Regioselective, copper-catalyzed, tandem sulfonylation-cyclization of 1,5-dienes with sulfonyl chlorides. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3123-3127.	4.5	14
8	A recognition mechanism study: Luminescent metal-organic framework for the detection of nitro-explosives. <i>Journal of Molecular Graphics and Modelling</i> , 2018, 80, 132-137.	2.4	10
9	ESIPT triggered TICT of an Al^{3+} fluorescence sensor and its sensing mechanism. <i>Journal of Luminescence</i> , 2020, 223, 117203.	3.1	8
10	Synthesis of Sulfonylated Pyrrolines and Pyrrolinones via Ag^+ -mediated Radical Cyclization of Olefinic Enamides with Sodium Sulfinates. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 366-370.	2.7	8
11	Electron transfer and intersystem crossing triggered fluorescence quenching detection of mercury ions. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 16676-16685.	2.8	7
12	Theoretical Investigations on the Excited-State Dynamics of an Al^{3+} Fluorescence Sensor. <i>Journal of Physical Chemistry A</i> , 2020, 124, 11093-11101.	2.5	7
13	Sulfonyl radical-induced regioselective cyclization of 3-aza-1,5-enynes with sulfonyl chlorides to produce 1,2-dihydropyridines by copper catalysis. <i>New Journal of Chemistry</i> , 2021, 45, 11030-11034.	2.8	6
14	Metal-free regioselective cascade sulfonylation-cyclization of 3-aza-1,5-enynes with sulfur dioxide and aryldiazonium tetrafluoroborates to construct 1,2-dihydropyridines. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2228-2233.	4.5	6
15	Role of the Weak Interactions during the 2,4,6-Trinitrophenol Detecting Process of a Fluorescein-Based Sensor. <i>Journal of Physical Chemistry A</i> , 2021, 125, 7867-7875.	2.5	5
16	Co-effects of the electron transfer and intersystem crossing on the photophysics of a phenothiazine based Hg^{2+} sensor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117939.	3.9	4
17	Theoretical Investigations on the Detecting Mechanism of a Typical 2,4,6-Trinitrophenol Fluorescence Sensor and Its Design Strategy. <i>Journal of Physical Chemistry A</i> , 2022, 126, 230-238.	2.5	1