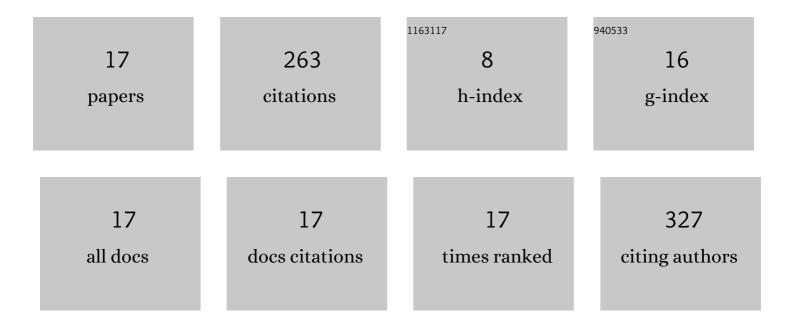
Lei Liu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/652761/publications.pdf Version: 2024-02-01



l et l tu

1 T S	Theoretical Investigations on the Detecting Mechanism of a Typical 2,4,6-Trinitrophenol Fluorescence Sensor and Its Design Strategy. Journal of Physical Chemistry A, 2022, 126, 230-238.	2.5	1
2 a	Metal-free regioselective cascade sulfonylation–cyclization of 3-aza-1,5-enynes with sulfur dioxide and aryldiazonium tetrafluoroborates to construct 1,2-dihydropyridines. Organic Chemistry Frontiers, 2022, 9, 2228-2233.	4.5	6
з S В	Synthesis of Sulfonylated Pyrrolines and Pyrrolinones via Agâ€mediated Radical Cyclization of Olefinic Enamides with Sodium Sulfinates. Asian Journal of Organic Chemistry, 2021, 10, 366-370.	2.7	8
	Sulfonyl radical-induced regioselective cyclization of 3-aza-1,5-enynes with sulfonyl chlorides to produce 1,2-dihydropyridines by copper catalysis. New Journal of Chemistry, 2021, 45, 11030-11034.	2.8	6
5 E	Electron Transfer Facilitated by π–π Stacking during the Nitrobenzene Recognition Process of an MOF Sensor. Journal of Physical Chemistry C, 2021, 125, 12433-12440.	3.1	21
	Role of the Weak Interactions during the 2,4,6-Trinitrophenol Detecting Process of a Fluorescein-Based Sensor. Journal of Physical Chemistry A, 2021, 125, 7867-7875.	2.5	5
	Regioselective, copper(<scp>i</scp>)-catalyzed, tandem sulfonylation-cyclization of 1,5-dienes with sulfonyl chlorides. Organic Chemistry Frontiers, 2021, 8, 3123-3127.	4.5	14
8 e	A sensitive and rapid "off–on―fluorescent probe for the detection of esterase and its application in evaluating cell status and discrimination of living cells and dead cells. Analyst, The, 2020, 145, 1408-1413.	3.5	17
9 b	Co-effects of the electron transfer and intersystem crossing on the photophysics of a phenothiazine based Hg2+ sensor. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 229, 117939.	3.9	4
10 Jo	Theoretical Investigations on the Excited-State Dynamics of an Al ³⁺ Fluorescence Sensor. Iournal of Physical Chemistry A, 2020, 124, 11093-11101.	2.5	7
	ESIPT triggered TICT of an Al3+ fluorescence sensor and its sensing mechanism. Journal of Luminescence, 2020, 223, 117203.	3.1	8
12 E	Electron transfer and intersystem crossing triggered fluorescence quenching detection of mercury ions. Physical Chemistry Chemical Physics, 2019, 21, 16676-16685.	2.8	7
	A ratiometric fluorescent probe for rapidly detecting bio-thiols in vitro and in living cells. Dyes and Pigments, 2019, 171, 107688.	3.7	15
	Copperâ€Catalyzed Oxidative Alkylation of Vinylic C β â€H of Enamides with Cyclic Ethers. ChemistrySelect, 2019, 4, 6954-6957.	1.5	16
15 A	A recognition mechanism study: Luminescent metal-organic framework for the detection of nitro-explosives. Journal of Molecular Graphics and Modelling, 2018, 80, 132-137.	2.4	10
	Photophysical Properties of a Post-Self-Assembly Host/Guest Coordination Cage: Visible Light Driven Core-to-Cage Charge Transfer. Journal of Physical Chemistry Letters, 2015, 6, 1942-1947.	4.6	56
	Roles of hydrogen bonds and π–π stacking in the optical detection of nitro-explosives with a uminescent metal–organic framework as the sensor. RSC Advances, 2015, 5, 3045-3053.	3.6	62