Zhen Lu

List of Publications by Year
in descending order

19	345	840119 11	839053 18
papers	citations	h-index	g-index

20	20	20	369
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	One-step synthesis of cyclic polypyrazole and the self-assembly vesicles driven by hydrogen bond. Chinese Chemical Letters, 2022, 33, 825-829.	4.8	3
2	Photoinduced organocatalyzed controlled radical polymerization feasible over a wide range of wavelengths. Polymer Chemistry, 2022, 13, 527-535.	1.9	12
3	Efficient homogenous catalysis of CO2 to generate cyclic carbonates by heterogenous and recyclable polypyrazoles. Chinese Journal of Chemical Engineering, 2022, 43, 110-115.	1.7	4
4	Visible light-triggered PET-RAFT polymerization by heterogeneous 2D porphyrin-based COF photocatalyst under aqueous condition. European Polymer Journal, 2022, 173, 111306.	2.6	15
5	A covalent organic framework as a photocatalyst for atom transfer radical polymerization under white light irradiation. Polymer Chemistry, 2021, 12, 183-188.	1.9	30
6	<scp>Imineâ€based</scp> covalent organic framework as photocatalyst for <scp>visibleâ€lightâ€induced</scp> atom transfer radical polymerization. Journal of Polymer Science, 2021, 59, 2036-2044.	2.0	6
7	Fully-Ï€ conjugated covalent organic frameworks as catalyst for photo-induced atom transfer radical polymerization with ppm-level copper concentration under LED irradiation. European Polymer Journal, 2021, 157, 110670.	2.6	11
8	Visible Lightâ€Regulated Heterogeneous Catalytic PETâ€RAFT by High Crystallinity Covalent Organic Framework. Macromolecular Rapid Communications, 2021, 42, e2100384.	2.0	23
9	Multipath oxygen-mediated PET-RAFT polymerization by a conjugated organic polymer photocatalyst under red LED irradiation. Polymer Chemistry, 2021, 12, 6998-7004.	1.9	16
10	Amphiphilic gemini-iridium (III) complex for rapid and selective detection of picric acid in water and intracellular. Talanta, 2020, 208, 120372.	2.9	13
11	A fluorescence "turn-on" sensor for detecting hydrazine in environment. Microchemical Journal, 2020, 152, 104376.	2.3	37
12	A novel mitochondria-targeted phosphorescence probe for hypochlorite ions detection in living cells. Talanta, 2020, 209, 120516.	2.9	11
13	Preparation of fluorescent polystyrene nanoparticles mediated by a multi-functional amphiphilic iridium complex under visible light irradiation in aqueous solution. Polymer Chemistry, 2020, 11, 795-799.	1.9	2
14	A sensitive â€œSwitch-onâ€•phosphorescent probe for ferrous iron quantification in drug and In vitro imaging of living cells. Talanta, 2020, 217, 121097.	2.9	3
15	A water-soluble cyclometalated iridium(III) complex with fluorescent sensing capability for hypochlorite. Dyes and Pigments, 2019, 171, 107715.	2.0	11
16	A coumarin-based fluorescent probe for hypochlorite ion detection in environmental water samples and living cells. Talanta, 2019, 202, 303-307.	2.9	52
17	Amphiphilic Gemini Iridium(III) Complex as a Mitochondria-Targeted Theranostic Agent for Tumor Imaging and Photodynamic Therapy. ACS Applied Materials & Interfaces, 2019, 11, 15276-15289.	4.0	66
18	A cyclometalated iridium(III) complex-based fluorescence probe for hypochlorite detection and its application by test strips. Analytical Biochemistry, 2019, 566, 27-31.	1.1	17

#	Article	IF	Citations
19	Tunable electrorheological characteristics and mechanism of a series of graphene-like molybdenum disulfide coated coreâ€“shell structured polystyrene microspheres. RSC Advances, 2016, 6, 26096-26103.	1.7	13