

Zhen Lu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Amphiphilic Gemini Iridium(III) Complex as a Mitochondria-Targeted Theranostic Agent for Tumor Imaging and Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15276-15289.	4.0	66
2	A coumarin-based fluorescent probe for hypochlorite ion detection in environmental water samples and living cells. <i>Talanta</i> , 2019, 202, 303-307.	2.9	52
3	A fluorescence "turn-on" sensor for detecting hydrazine in environment. <i>Microchemical Journal</i> , 2020, 152, 104376.	2.3	37
4	A covalent organic framework as a photocatalyst for atom transfer radical polymerization under white light irradiation. <i>Polymer Chemistry</i> , 2021, 12, 183-188.	1.9	30
5	Visible Light-Regulated Heterogeneous Catalytic PET-RAFT by High Crystallinity Covalent Organic Framework. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100384.	2.0	23
6	A cyclometalated iridium(III) complex-based fluorescence probe for hypochlorite detection and its application by test strips. <i>Analytical Biochemistry</i> , 2019, 566, 27-31.	1.1	17
7	Multipath oxygen-mediated PET-RAFT polymerization by a conjugated organic polymer photocatalyst under red LED irradiation. <i>Polymer Chemistry</i> , 2021, 12, 6998-7004.	1.9	16
8	Visible light-triggered PET-RAFT polymerization by heterogeneous 2D porphyrin-based COF photocatalyst under aqueous condition. <i>European Polymer Journal</i> , 2022, 173, 111306.	2.6	15
9	Tunable electrorheological characteristics and mechanism of a series of graphene-like molybdenum disulfide coated core-shell structured polystyrene microspheres. <i>RSC Advances</i> , 2016, 6, 26096-26103.	1.7	13
10	Amphiphilic gemini-iridium (III) complex for rapid and selective detection of picric acid in water and intracellular. <i>Talanta</i> , 2020, 208, 120372.	2.9	13
11	Photoinduced organocatalyzed controlled radical polymerization feasible over a wide range of wavelengths. <i>Polymer Chemistry</i> , 2022, 13, 527-535.	1.9	12
12	A water-soluble cyclometalated iridium(III) complex with fluorescent sensing capability for hypochlorite. <i>Dyes and Pigments</i> , 2019, 171, 107715.	2.0	11
13	A novel mitochondria-targeted phosphorescence probe for hypochlorite ions detection in living cells. <i>Talanta</i> , 2020, 209, 120516.	2.9	11
14	Fully- π conjugated covalent organic frameworks as catalyst for photo-induced atom transfer radical polymerization with ppm-level copper concentration under LED irradiation. <i>European Polymer Journal</i> , 2021, 157, 110670.	2.6	11
15	Imine -based covalent organic framework as photocatalyst for visible-light-induced atom transfer radical polymerization. <i>Journal of Polymer Science</i> , 2021, 59, 2036-2044.	2.0	6
16	Efficient homogenous catalysis of CO ₂ to generate cyclic carbonates by heterogenous and recyclable polypyrazoles. <i>Chinese Journal of Chemical Engineering</i> , 2022, 43, 110-115.	1.7	4
17	A sensitive "Switch-on" phosphorescent probe for ferrous iron quantification in drug and In vitro imaging of living cells. <i>Talanta</i> , 2020, 217, 121097.	2.9	3
18	One-step synthesis of cyclic polypyrazole and the self-assembly vesicles driven by hydrogen bond. <i>Chinese Chemical Letters</i> , 2022, 33, 825-829.	4.8	3

#	ARTICLE	IF	CITATIONS
19	Preparation of fluorescent polystyrene nanoparticles mediated by a multi-functional amphiphilic iridium complex under visible light irradiation in aqueous solution. <i>Polymer Chemistry</i> , 2020, 11, 795-799.	1.9	2