Jia Zhu Li

List of Publications by Year
in descending order

45 papers	1,224 citations	623734 14 h-index	395702 33 g-index
46 all docs	46 docs citations	46 times ranked	1700 citing authors

#	Article	IF	Citations
1	Horizontal gene transfer of Fhb7 from fungus underlies Fusarium head blight resistance in wheat. Science, 2020, 368, .	12.6	398
2	Advance in Photosensitizers and Light Delivery for Photodynamic Therapy. Clinical Endoscopy, 2013, 46, 7.	1.5	318
3	Fluorination and fluoroalkylation of alkenes/alkynes to construct fluoro-containing heterocycles. Organic Chemistry Frontiers, 2021, 8, 2079-2109.	4.5	66
4	Synthesis of novel long wavelength cationic chlorins via stereoselective aldol-like condensation. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1846-1849.	2.2	35
5	Synthetic methods for compounds containing fluoro-lactam units. Organic and Biomolecular Chemistry, 2020, 18, 9762-9774.	2.8	32
6	Tailoring Acetylenic Bonds in Graphdiyne for Advanced Lithium Storage. ACS Sustainable Chemistry and Engineering, 2020, 8, 2614-2621.	6.7	30
7	K₂S₂O₈/I₂-Promoted Electrophilic Selenylative Cyclization To Access Seleno-Benzo[b]azepines. Organic Letters, 2022, 24, 2288-2293.	4.6	29
8	Recent Advances in Transition Metal-Free Sulfenylation of Indoles. Chinese Journal of Organic Chemistry, 2020, 40, 886.	1.3	22
9	Efficient Photosensitization by a Chlorinâ€“Polyoxometalate Supramolecular Complex. Inorganic Chemistry, 2014, 53, 3-5.	4.0	20
10	A universal way to prepare graphyne derivatives with variable band gap and lithium storage properties. Carbon, 2021, 182, 413-421.	10.3	18
11	Photodynamic and Antioxidant Activities of Divalent Transition Metal Complexes of Methyl Pheophorbide-a. Bulletin of the Korean Chemical Society, 2011, 32, 2981-2987.	1.9	18
12	Transition-metal-free synthesis of 5-amino-1,2,3-triazoles via nucleophilic addition/cyclization of carbodiimides with diazo compounds. Organic Chemistry Frontiers, 2021, 8, 599-604.	4.5	17
13	Catalytic enantioselective synthesis of indolizino[8,7-b]indole alkaloid derivatives based on the tandem reaction of tertiary enamides. Organic Chemistry Frontiers, 2021, 8, 721-726.	4.5	17
14	Synthesis, optical properties and preliminary in vitro photodynamic effect of pyridyl and quinoxalyl substituted chlorins. Bioorganic and Medicinal Chemistry, 2015, 23, 1684-1690.	3.0	16
15	Synthesis and anion binding studies of o-phenylenevinylene-bridged tetrapyrrolic macrocycle as an expanded analogue of calix[4]pyrrole. Chemical Communications, 2014, 50, 3753-3756.	4.1	15
16	Convenient peripheral aroyloxylation reactions of porphyrins and chlorophyll-a-based chlorins with benzoyl peroxide. Tetrahedron Letters, 2014, 55, 1086-1089.	1.4	14
17	Highly efficient synthesis of novel methyl 13²-methylene mesopyropheophorbide a and its stereoselective Michael addition reaction. Organic and Biomolecular Chemistry, 2015, 13, 1992-1995.	2.8	14
18	Synthesis and photophysical properties of novel pyridine fused chlorophyll a derivatives. Dyes and Pigments, 2017, 146, 189-198.	3.7	14

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19	Synthesis and Characterization of Novel Purpurinimides as Photosensitizers for Photodynamic Therapy. International Journal of Molecular Sciences, 2014, 15, 8091-8105.	4.1	13
20	Diverse privileged N-polycyclic skeletons accessed from a metal-free cascade cyclization reaction. Organic and Biomolecular Chemistry, 2021, 19, 8086-8095.	2.8	13
21	Synthesis of Diverse Pentasubstituted Pyrroles by a Gold(I)-Catalyzed Cascade Rearrangement-Cyclization of Tertiary Enamide. Journal of Organic Chemistry, 2022, 87, 3014-3024.	3.2	13
22	Nickelâ€Catalyzed Decarboxylative Cyclization of Isatoic Anhydrides with Carbodiimides: Synthesis of 2,3â€Dihydroquinazolinâ€4(1H)â€ones. Advanced Synthesis and Catalysis, 2020, 362, 2864-2869.	4.3	12
23	Efficient synthesis and in vitro photodynamic anticancer study of new purpurinimide-hydrazone conjugates. Journal of Porphyrins and Phthalocyanines, 2011, 15, 264-270.	0.8	9
24	A novel family of non-symmetric benzothieno[7,6-b]-fused BODIPYs: Synthesis, structures, photophysical properties and lipid droplet-specific imaging in vitro. Dyes and Pigments, 2021, 196, 109748.	3.7	8
25	Synthesis of long-wavelength chlorins by chemical modification for methyl pyropheophorbide-a and their in vitro cell viabilities. Journal of Porphyrins and Phthalocyanines, 2012, 16, 122-129.	0.8	7
26	Synthesis of diverse 2,3,4,5-tetrahydro-1H-azepine derivatives via sequential Knoevenagel reaction and Michael addition of tertiary enamide. Tetrahedron Letters, 2021, 74, 153174.	1.4	7
27	Mitochondriaâ€Targeted Waterâ€Soluble Organic Nanoparticles of Chlorin Derivatives for Biocompatible Photodynamic Therapy. ChemNanoMat, 2020, 6, 610-617.	2.8	6
28	Catalyst-free one-pot cascade cyclization: An efficient synthesis of isoindolobenzoxazinones and isoindoloquinazolinones derivatives. Tetrahedron, 2022, 104, 132571.	1.9	6
29	Efficient Synthesis and in vitro PDT Effect of Purpurin-18-N-Aminoimides. Bulletin of the Korean Chemical Society, 2010, 31, 3313-3317.	1.9	5
30	Whatâ€™s the Key Factor to Ensure the Photoactivity Enhancement of Fe₂O₃ Films with Ni(OH)₂ Loading: Clues from a Structural Modification with Flagella Nanowires. Journal of Physical Chemistry C, 2017, 121, 25364-25371.	3.1	4
31	Fast preparation of controllable nitrogen-atom-substituted graphyne film for use in field effect transistor devices. Materials Chemistry Frontiers, 2021, 5, 7993-8001.	5.9	4
32	Regioselective reactions of methyl pyropheophorbide a with formaldehyde based on hydroxymethylation. Chemical Papers, 2018, 72, 1389-1398.	2.2	3
33	Efficient Synthesis of Longâ€wavelength Absorbing Cyanochlorophyll <scp>a</scp> Derivatives via Stereoselective Hornerâ€“Wadsworthâ€“Emmons Reaction. Bulletin of the Korean Chemical Society, 2020, 41, 504-512.	1.9	3
34	Total synthesis of MS-444: A myosin light chain kinase and HuR inhibitor from Micromonospora sp. KY7123. Tetrahedron Letters, 2021, 80, 153328.	1.4	3
35	Ceric ammonium nitrate (CAN) enabled concerted nitration/ureation of carbodiimides to synthesize o-nitroaryl ureas. Organic Chemistry Frontiers, 2021, 8, 5771-5776.	4.5	3
36	Synthesis of (Methylenated)vinylated Chlorophyllous Chlorins and Study on Their Photosensitive Bactericidal Activities. Chinese Journal of Organic Chemistry, 2016, 36, 562.	1.3	3

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37	Cyclopropylation of Chlorophyllous Degradation Products and Synthesis of Chlorin Derivatives. Chinese Journal of Organic Chemistry, 2014, 34, 552.	1.3	2
38	Rearrangement Reactions of Pyropheophorbide with Diazoalkane and Synthesis of Chlorophyll Derivatives. Chinese Journal of Organic Chemistry, 2018, 38, 2993.	1.3	2
39	Efficient <scp>Metalâ€Free</scp> Synthesis of Dihydro[1,3]oxazines Assisted by Intramolecular Hydrogen Bonding. Bulletin of the Korean Chemical Society, 2020, 41, 884-887.	1.9	1
40	Halogenation Reaction of Purpurin-18 and Synthesis of Chlorin Derivatives. Chinese Journal of Organic Chemistry, 2012, 32, 544.	1.3	1
41	Chemical Reaction of Purpurin-18 Imide and Synthesis of Chlorins Related to Chlorophyll. Chinese Journal of Organic Chemistry, 2013, 33, 1457.	1.3	1
42	Synthesis of Chlorophyllous Chlorins Derivatives Substituted by Aromatic Groups on Their Periphery. Chinese Journal of Organic Chemistry, 2014, 34, 362.	1.3	1
43	Transformation for Exocyclic Ring of Pheophorbide and Syn-thesis of Chlorophyllous Degradation Derivatives. Chinese Journal of Organic Chemistry, 2015, 35, 1060.	1.3	1
44	Heterocyclization for the Structures on the Periphery of Py-ropheophorbide and Synthesis of Chlorophyll Derivatives. Chinese Journal of Organic Chemistry, 2018, 38, 3250.	1.3	0
45	Oneâ€Pot Synthesis of 8â€Azaguanines by Transition Metalâ€Free Cascade Cyclization of Carbodiimides with Ethyl Diazoacetate. European Journal of Organic Chemistry, 2022, 2022, .	2.4	0