

Zhi-Long Chen

List of Publications by Year in descending order

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39
papers

467
citations

759233

12
h-index

794594

19
g-index

40
all docs

40
docs citations

40
times ranked

640
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies on Preparation of Photosensitizer Loaded Magnetic Silica Nanoparticles and Their Anti-Tumor Effects for Targeting Photodynamic Therapy. <i>Nanoscale Research Letters</i> , 2009, 4, 400-408.	5.7	63
2	Comparison between porphyrin, chlorin and bacteriochlorin derivatives for photodynamic therapy: Synthesis, photophysical properties, and biological activity. <i>European Journal of Medicinal Chemistry</i> , 2018, 160, 146-156.	5.5	31
3	Synthesis and evaluation of novel chlorophyll a derivatives as potent photosensitizers for photodynamic therapy. <i>European Journal of Medicinal Chemistry</i> , 2020, 187, 111959.	5.5	29
4	Photosensitizing effectiveness of a novel chlorin-based photosensitizer for photodynamic therapy in vitro and in vivo. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014, 140, 1527-1536.	2.5	27
5	Design, synthesis and biological evaluation of novel fluoro-substituted benzimidazole derivatives with anti-hypertension activities. <i>Bioorganic Chemistry</i> , 2020, 101, 104042.	4.1	23
6	Studies on preparation and photodynamic mechanism of chlorin P6-13,15-N-(cyclohexyl)cycloimide (Chlorin-H) and its antitumor effect for photodynamic therapy in vitro and in vivo. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 6282-6291.	3.0	22
7	Design, Synthesis, and Biological Evaluation of 6-Benzoxazole Benzimidazole Derivatives with Antihypertension Activities. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 40-43.	2.8	22
8	Synthesis and evaluation of new 5-aminolevulinic acid derivatives as prodrugs of protoporphyrin for photodynamic therapy. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1623-1630.	2.9	15
9	The photodynamic activity of 131-[2-(2-pyridyl)ethylamine] chlorin e6 photosensitizer in human esophageal cancer. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1785-1791.	2.2	14
10	A DIE responsive NIR-fluorescent cell membrane probe. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2272-2280.	2.6	14
11	The photodynamic activities of dimethyl 131-[2-(guanidinyl)ethylamino] chlorin e6 photosensitizers in A549 tumor. <i>European Journal of Medicinal Chemistry</i> , 2019, 177, 144-152.	5.5	14
12	Photodynamic efficiency of a chlorophyll-a derivative in vitro and in vivo. <i>Biomedicine and Pharmacotherapy</i> , 2016, 81, 265-272.	5.6	12
13	Tetraphenylporphyrin derivatives possessing piperidine group as potential agents for photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 165, 213-219.	3.8	12
14	Preparation of a chlorophyll derivative and investigation of its photodynamic activities against cholangiocarcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2017, 92, 285-292.	5.6	12
15	Synthesis and biological evaluation of novel potent angiotensin II receptor antagonists with anti-hypertension effect. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 2747-2761.	3.0	11
16	Antitumor effects evaluation of a novel porphyrin derivative in photodynamic therapy. <i>Tumor Biology</i> , 2015, 36, 9685-9692.	1.8	11
17	Antitumor activity evaluation of meso-tetra (pyrrolidine substituted) pentylporphyrin-mediated photodynamic therapy in vitro and in vivo. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 224-231.	3.8	11
18	Synthesis and pharmacological evaluation of chlorin derivatives for photodynamic therapy of cholangiocarcinoma. <i>European Journal of Medicinal Chemistry</i> , 2020, 189, 112049.	5.5	11

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19	Antitumor activity of photodynamic therapy with a chlorin derivative in vitro and in vivo. <i>Tumor Biology</i> , 2015, 36, 6839-6847.	1.8	10
20	Synthesis, photophysical properties and biological evaluation of Γ^2 -alkylaminoporphyrin for photodynamic therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 6040-6047.	3.0	10
21	Design, synthesis and evaluation of novel angiotensin II receptor 1 antagonists with antihypertensive activities. <i>RSC Advances</i> , 2017, 7, 26401-26410.	3.6	10
22	Evaluation of a bacteriochlorin-based photosensitizer's anti-tumor effect in vitro and in vivo. <i>Journal of Cancer Research and Clinical Oncology</i> , 2015, 141, 1921-1930.	2.5	9
23	Synthesis of Chlorins by Diels-Alder Cycloadditions of Pheophorbide a and Its Derivatives. <i>Synlett</i> , 2015, 26, 991-994.	1.8	8
24	Synthesis and antitumor activity evaluation of a novel porphyrin derivative for photodynamic therapy in vitro and in vivo. <i>Tumor Biology</i> , 2016, 37, 6923-6933.	1.8	8
25	Synthesis and evaluation of novel fluorinated hematoporphyrin ether derivatives for photodynamic therapy. <i>Bioorganic Chemistry</i> , 2021, 107, 104528.	4.1	7
26	Synthesis of 2-morpholinetetraphenylporphyrins and their photodynamic activities. <i>Bioorganic Chemistry</i> , 2017, 71, 299-304.	4.1	6
27	Photodynamic therapy characteristics of phthalocyanines in the presence of boron doped detonation nanodiamonds: Effect of symmetry and charge. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 37, 102705.	2.6	6
28	Strained alkyne substituted near infrared BF ₂ azadipyromethene fluorochrome. <i>RSC Advances</i> , 2016, 6, 87373-87379.	3.6	5
29	Synthesis and biological evaluation of 173-dicarboxylethyl-pyropheophorbide-a amide derivatives for photodynamic therapy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2784-2788.	2.2	5
30	Evaluation of antimicrobial photodynamic activities of 5-aminolevulinic acid derivatives. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2021, 37, 296-305.	1.5	5
31	Synthesis and in vitro PDT evaluation of red emission polymer dots (R-CPDs) and pyropheophorbide- Γ^2 conjugates. <i>Scientific Reports</i> , 2021, 11, 10013.	3.3	5
32	Incorporation of green emission polymer dots into pyropheophorbide- Γ^2 enhance the PDT effect and biocompatibility. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 37, 102562.	2.6	4
33	The biological activities of 5,15-diaryl-10,20-dihalogeno porphyrins for photodynamic therapy. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 2335-2346.	2.5	4
34	Design, synthesis and biological evaluation of AT1 receptor blockers derived from 6-substituted aminocarbonyl benzimidazoles. <i>European Journal of Medicinal Chemistry</i> , 2019, 181, 111553.	5.5	3
35	Synthesis and pharmacological evaluation of a novel AT1 angiotensin II receptor antagonist with anti-hypertension and anti-tumor effects. <i>Clinical and Experimental Hypertension</i> , 2015, 37, 490-497.	1.3	2
36	In vitro and in vivo evaluation of a pyropheophorbide-a derivative as a potential photosensitizer for age-related macular degeneration. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 1220-1226.	5.6	2

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37	Inhibition of Laser-Induced Choroidal Neovascularization by Hematoporphyrin Dimethylether-Mediated Photodynamic Therapy in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 2088-2095.	1.4	2
38	Synthesis and evaluation of new fluorinated pyropheophorbide-a derivatives for photodynamic therapy. <i>Dyes and Pigments</i> , 2022, 197, 109932.	3.7	2
39	Synthesis and evaluation of new sartan derivatives. <i>Medicinal Chemistry Research</i> , 0, , .	2.4	0