Liyi Huang

List of Publications by Year
in descending order

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27	1,897	331670 21	552781 26
papers	citations	h-index	g-index

29	29	29	2392
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antimicrobial photodynamic therapy for oral Candida infection in adult AIDS patients: A pilot clinical trial. Photodiagnosis and Photodynamic Therapy, 2021, 34, 102310.	2.6	11
2	A powerful combination of copper-cysteamine nanoparticles with potassium iodide for bacterial destruction. Materials Science and Engineering C, 2020, 110, 110659.	7.3	35
3	Comparison of thiocyanate and selenocyanate for potentiation of antimicrobial photodynamic therapy. Journal of Biophotonics, 2019, 12, e201800092.	2.3	9
4	Amphiphilic tetracationic porphyrins are exceptionally active antimicrobial photosensitizers: In vitro and in vivo studies with the freeâ€base and Pdâ€chelate. Journal of Biophotonics, 2019, 12, e201800318.	2.3	13
5	Antimicrobial photodynamic inactivation is potentiated by the addition of selenocyanate: Possible involvement of selenocyanogen?. Journal of Biophotonics, 2018, 11, e201800029.	2.3	14
6	Progressive cationic functionalization of chlorin derivatives for antimicrobial photodynamic inactivation and related vancomycin conjugates. Photochemical and Photobiological Sciences, 2018, 17, 638-651.	2.9	34
7	Potentiation by potassium iodide reveals that the anionic porphyrin TPPS4 is a surprisingly effective photosensitizer for antimicrobial photodynamic inactivation. Journal of Photochemistry and Photobiology B: Biology, 2018, 178, 277-286.	3.8	64
8	Antimicrobial Photodynamic Inactivation Mediated by Tetracyclines in Vitro and in Vivo: Photochemical Mechanisms and Potentiation by Potassium Iodide. Scientific Reports, 2018, 8, 17130.	3.3	25
9	Comparison of two functionalized fullerenes for antimicrobial photodynamic inactivation: Potentiation by potassium iodide and photochemical mechanisms. Journal of Photochemistry and Photobiology B: Biology, 2018, 186, 197-206.	3.8	31
10	Cationic Functionalization of Chlorin Derivatives for Antimicrobial Photodynamic Inactivation and Related Vancomycin Conjugate. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-9-1.	0.0	0
11	A traditional Chinese medicine compound (Jian Er) for presbycusis in a mouse model: Reduction of apoptosis and protection of cochlear sensorineural cells and hearing. International Journal of Herbal Medicine, 2018, 6, 127-135.	0.2	2
12	Potassium Iodide Potentiates Broad-Spectrum Antimicrobial Photodynamic Inactivation Using Photofrin. ACS Infectious Diseases, 2017, 3, 320-328.	3.8	105
13	Repeated transcranial lowâ€level laser therapy for traumatic brain injury in mice: biphasic dose response and longâ€term treatment outcome. Journal of Biophotonics, 2016, 9, 1263-1272.	2.3	54
14	Low-level laser therapy for traumatic brain injury in mice increases brain derived neurotrophic factor (BDNF) and synaptogenesis. Journal of Biophotonics, 2015, 8, 502-511.	2.3	142
15	Bacterial Photodynamic Inactivation Mediated by Methylene Blue and Red Light Is Enhanced by Synergistic Effect of Potassium Iodide. Antimicrobial Agents and Chemotherapy, 2015, 59, 5203-5212.	3.2	136
16	Antimicrobial photodynamic therapy with decacationic monoadducts and bisadducts of [70]fullerene: in vitro and in vivo studies. Nanomedicine, 2014, 9, 253-266.	3.3	45
17	Transcranial low-level laser therapy enhances learning, memory, and neuroprogenitor cells after traumatic brain injury in mice. Journal of Biomedical Optics, 2014, 19, 108003.	2.6	117
18	Stable synthetic mono-substituted cationic bacteriochlorins mediate selective broad-spectrum photoinactivation of drug-resistant pathogens at nanomolar concentrations. Journal of Photochemistry and Photobiology B: Biology, 2014, 141, 119-127.	3.8	50

#	Article	IF	Citations
19	Structureâ€“function relationships of Nile blue (EtNBS) derivatives as antimicrobial photosensitizers. European Journal of Medicinal Chemistry, 2014, 75, 479-491.	5.5	28
20	Thiocyanate potentiates antimicrobial photodynamic therapy: In situ generation of the sulfur trioxide radical anion by singlet oxygen. Free Radical Biology and Medicine, 2013, 65, 800-810.	2.9	46
21	Paradoxical potentiation of methylene blue-mediated antimicrobial photodynamic inactivation by sodium azide: Role of ambient oxygen and azide radicals. Free Radical Biology and Medicine, 2012, 53, 2062-2071.	2.9	105
22	Type I and Type II mechanisms of antimicrobial photodynamic therapy: An in vitro study on gramâ€negative and gramâ€positive bacteria. Lasers in Surgery and Medicine, 2012, 44, 490-499.	2.1	279
23	Photodynamic inactivation of bacteria using polyethylenimineâ€“chlorin(e6) conjugates: Effect of polymer molecular weight, substitution ratio of chlorin(e6) and pH. Lasers in Surgery and Medicine, 2011, 43, 313-323.	2.1	42
24	Synergistic Combination of Chitosan Acetate with Nanoparticle Silver as a Topical Antimicrobial: Efficacy against Bacterial Burn Infections. Antimicrobial Agents and Chemotherapy, 2011, 55, 3432-3438.	3.2	148
25	Innovative cationic fullerenes as broad-spectrum light-activated antimicrobials. Nanomedicine: Nanotechnology, Biology, and Medicine, 2010, 6, 442-452.	3.3	104
26	Antimicrobial Photodynamic Inactivation and Photodynamic Therapy for Infections. Methods in Molecular Biology, 2010, 635, 155-173.	0.9	120
27	Stable Synthetic Cationic Bacteriochlorins as Selective Antimicrobial Photosensitizers. Antimicrobial Agents and Chemotherapy, 2010, 54, 3834-3841.	3.2	136