

Christiane Pavani

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,667
citations

471509

17
h-index

289244

40
g-index

52
all docs

52
docs citations

52
times ranked

3115
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodynamic Efficiency: From Molecular Photochemistry to Cell Death. International Journal of Molecular Sciences, 2015, 16, 20523-20559.	4.1	291
2	Marked Improvement in Photoinduced Cell Death by a New Tris-heteroleptic Complex with Dual Action: Singlet Oxygen Sensitization and Ligand Dissociation. Journal of the American Chemical Society, 2014, 136, 17095-17101.	13.7	169
3	Effect of zinc insertion and hydrophobicity on the membrane interactions and PDT activity of porphyrin photosensitizers. Photochemical and Photobiological Sciences, 2009, 8, 233-240.	2.9	132
4	Lipid oxidation induces structural changes in biomimetic membranes. Soft Matter, 2014, 10, 4241.	2.7	104
5	Cytotoxicity Studies of Cyclometallated Ruthenium(II) Compounds: New Applications for Ruthenium Dyes. Organometallics, 2014, 33, 1100-1103.	2.3	93
6	Melanin Photosensitization and the Effect of Visible Light on Epithelial Cells. PLoS ONE, 2014, 9, e113266.	2.5	92
7	Enhanced efficiency of cell death by lysosome-specific photodamage. Scientific Reports, 2017, 7, 6734.	3.3	88
8	Membrane Damage Efficiency of Phenothiazinium Photosensitizers. Photochemistry and Photobiology, 2014, 90, 801-813.	2.5	74
9	Generation and suppression of singlet oxygen in hair by photosensitization of melanin. Free Radical Biology and Medicine, 2011, 51, 1195-1202.	2.9	51
10	Methylene blue mediated antimicrobial photodynamic therapy in clinical human studies: The state of the art. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101828.	2.6	49
11	Beneficial effects of ascorbic acid to treat lung fibrosis induced by paraquat. PLoS ONE, 2018, 13, e0205535.	2.5	41
12	Controlling methylene blue aggregation: a more efficient alternative to treat Candida albicans infections using photodynamic therapy. Photochemical and Photobiological Sciences, 2018, 17, 1355-1364.	2.9	37
13	Mechanism and Efficiency of Cell Death of Type II Photosensitizers: Effect of Zinc Chelation. Photochemistry and Photobiology, 2012, 88, 774-781.	2.5	32
14	Chemical Transformations and Photophysical Properties of <i>meso</i> -Tetrathienyl-Substituted Porphyrin Derivatives. European Journal of Organic Chemistry, 2014, 2014, 4536-4547.	2.4	28
15	Parameters for antimicrobial photodynamic therapy on periodontal pocket. Randomized clinical trial. Photodiagnosis and Photodynamic Therapy, 2019, 27, 132-136.	2.6	28
16	Antimicrobial photodynamic therapy with Bixa orellana extract and blue LED in the reduction of halitosis. A randomized, controlled clinical trial. Photodiagnosis and Photodynamic Therapy, 2020, 30, 101751.	2.6	22
17	Control of Cytolocalization and Mechanism of Cell Death by Encapsulation of a Photosensitizer. Journal of Biomedical Nanotechnology, 2013, 9, 1307-1317.	1.1	18
18	Porphyrin-phospholipid interaction and ring metallation depending on the phospholipid polar head type. Journal of Colloid and Interface Science, 2010, 350, 148-154.	9.4	17

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19	The photodynamic efficiency of phenothiazinium dyes is aggregation dependent. <i>New Journal of Chemistry</i> , 2017, 41, 14438-14443.	2.8	17
20	Therapeutic comparison between treatments for Vulvar Lichen Sclerosus: study protocol of a randomized prospective and controlled trial. <i>BMC Women's Health</i> , 2017, 17, 61.	2.0	17
21	Efficacy of photobiomodulation on oral lichen planus: a protocol study for a double-blind, randomised controlled clinical trial. <i>BMJ Open</i> , 2018, 8, e024083.	1.9	17
22	Light-Emitting Diode treatment ameliorates allergic lung inflammation in experimental model of asthma induced by ovalbumin. <i>Journal of Biophotonics</i> , 2017, 10, 1683-1693.	2.3	16
23	Beneficial effects of Red Light-Emitting Diode treatment in experimental model of acute lung injury induced by sepsis. <i>Scientific Reports</i> , 2017, 7, 12670.	3.3	16
24	Correlation of photodynamic activity and singlet oxygen quantum yields in two series of hydrophobic monocationic porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 55-63.	0.8	15
25	Synthesis, spectroscopic characterization, photochemical and photophysical properties and biological activities of ruthenium complexes with mono- and bi-dentate histamine ligand. <i>Dalton Transactions</i> , 2012, 41, 6726.	3.3	14
26	A reliable protocol for colorimetric determination of iron oxide nanoparticle uptake by cells. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6663-6675.	3.7	14
27	Effect of led photobiomodulation on analgesia during labor. <i>Medicine (United States)</i> , 2018, 97, e11120.	1.0	14
28	Antimicrobial photodynamic therapy mediated by methylene blue in surfactant vehicle on periodontopathogens. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101784.	2.6	14
29	Low-level laser treatment applied at auriculotherapy points to reduce postoperative pain in third molar surgery: A randomized, controlled, single-blinded study. <i>PLoS ONE</i> , 2018, 13, e0197989.	2.5	12
30	Improved photodynamic activity of a dual phthalocyanine-ALA photosensitizer. <i>New Journal of Chemistry</i> , 2016, 40, 9666-9671.	2.8	11
31	Oral hygiene in intensive care unit patients with photodynamic therapy: study protocol for randomised controlled trial. <i>Trials</i> , 2017, 18, 385.	1.6	11
32	Effect of irradiation with intravascular laser on the hemodynamic variables of hypertensive patients. <i>Medicine (United States)</i> , 2019, 98, e151111.	1.0	11
33	Effect of photodynamic antimicrobial chemotherapy on <i>Candida albicans</i> in the presence of glucose. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 54-58.	2.6	11
34	Photodynamic optimization by combination of xanthene dyes on different forms of <i>Streptococcus mutans</i> : An in vitro study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 33, 102191.	2.6	10
35	Experimental burns: Comparison between silver sulfadiazine and photobiomodulation. <i>Revista Da Associaç�o M�dica Brasileira</i> , 2017, 63, 29-34.	0.7	9
36	Photodynamic therapy with <i>Bixa orellana</i> extract and LED for the reduction of halitosis: study protocol for a randomized, microbiological and clinical trial. <i>Trials</i> , 2018, 19, 590.	1.6	9

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37	Efficacy of phototherapy to treat facial ageing when using a red versus an amber LED: a protocol for a randomised controlled trial. <i>BMJ Open</i> , 2018, 8, e021419.	1.9	8
38	The role of photobiomodulation when associated with microneedling in female pattern hair loss. <i>Medicine (United States)</i> , 2019, 98, e14938.	1.0	8
39	Photodynamic antimicrobial chemotherapy action of phenothiazinium dyes in planktonic <i>Candida albicans</i> is increased in sodium dodecyl sulfate. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 29, 101612.	2.6	8
40	The effects of photodynamic therapy with blue light and papain-based gel associated with Urucum, on collagen and fibroblasts: a spectroscopic and cytotoxicity analysis. <i>Lasers in Medical Science</i> , 2020, 35, 767-775.	2.1	6
41	Effects of photobiomodulation on cellular viability and cancer stem cell phenotype in oral squamous cell carcinoma. <i>Lasers in Medical Science</i> , 2021, 36, 681-690.	2.1	6
42	Evaluation of photodynamic therapy in pericoronitis. <i>Medicine (United States)</i> , 2019, 98, e15312.	1.0	5
43	Combination of Natural Extracts and Photobiomodulation in Keratinocytes Subjected to UVA Radiation. <i>Photochemistry and Photobiology</i> , 2019, 95, 644-649.	2.5	4
44	Study protocol for the use of photobiomodulation with red or infrared LED on waist circumference reduction: a randomised, double-blind clinical trial. <i>BMJ Open</i> , 2020, 10, e036684.	1.9	3
45	The Effect of Photobiomodulation on Analgesia During Childbirth: A Controlled and Randomized Clinical Trial. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2021, 39, 265-271.	1.4	3
46	Melanin photosensitization by green light reduces melanoma tumor size. <i>Journal of Photochemistry and Photobiology</i> , 2022, 9, 100092.	2.5	3
47	The importance of combining methods to assess <i>Candida albicans</i> biofilms following photodynamic inactivation. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 38, 102769.	2.6	3
48	Spectroscopy as a tool to evaluate hair damage and protection. <i>International Journal of Cosmetic Science</i> , 2018, 40, 596-603.	2.6	2
49	Chapter 38. Singlet Oxygen in Hair. <i>Comprehensive Series in Photochemical and Photobiological Sciences</i> , 2016, , 251-264.	0.3	2
50	9 In search of specific PDT photosensitizers. <i>Series in Cellular and Clinical Imaging</i> , 2017, , 149-182.	0.2	1
51	Can Photons Pass through Primary Coatings Used to Treat Cutaneous Wounds?. <i>Advances in Skin and Wound Care</i> , 2021, 34, 97-102.	1.0	1