

Luis Alexandre Muehlmann

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,658
citations

394390

19
h-index

302107

39
g-index

59
all docs

59
docs citations

59
times ranked

2730
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of Immunogenic Cell Death by Photodynamic Therapy Mediated by Aluminum-Phthalocyanine in Nanoemulsion. <i>Pharmaceutics</i> , 2022, 14, 196.	4.5	19
2	Solid lipid nanoparticles loaded with curcumin: development and <i>in vitro</i> toxicity against CT26 cells. <i>Nanomedicine</i> , 2022, 17, 167-179.	3.3	8
3	Photodynamic therapy mediated by nanoparticles Aluminum Chloro Phthalocyanine in oral squamous carcinoma cells. <i>Lasers in Medical Science</i> , 2022, 37, 2509-2516.	2.1	3
4	Oral delivery of fish oil in oil-in-water nanoemulsion: development, colloidal stability and modulatory effect on <i>in vivo</i> inflammatory induction in mice. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 110980.	5.6	18
5	Nanoemulsions with Chloroaluminium Phthalocyanine and Paromomycin for Combined Photodynamic and Antibiotic Therapy for Cutaneous Leishmaniasis. <i>Infection and Chemotherapy</i> , 2021, 53, 342.	2.3	7
6	The role of <i>Cryptococcus neoformans</i> histone deacetylase genes in the response to antifungal drugs, epigenetic modulators and to photodynamic therapy mediated by an aluminium phthalocyanine chloride nanoemulsion <i>in vitro</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 216, 112131.	3.8	5
7	How has nanomedical innovation contributed to the COVID-19 vaccine development?. <i>Nanomedicine</i> , 2021, 16, 1179-1181.	3.3	11
8	The induction of immunogenic cell death by photodynamic therapy in B16F10 cells <i>in vitro</i> is effected by the concentration of the photosensitizer. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 35, 102392.	2.6	16
9	Editorial: Nanomedicine in Cancer Targeting and Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 788210.	2.8	2
10	Photodynamic therapy inhibits cell growth and enhances the histone deacetylase-mediated viability impairment in <i>Cryptococcus</i> spp. <i>in vitro</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 29, 101583.	2.6	4
11	PHOTODYNAMIC THERAPY USING CHLOROALUMINUM PHTHALOCYANINE IN AN EXPERIMENTAL RAT PERIODONTAL DISEASE MODEL. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2020, 129, e129.	0.4	0
12	Nanomedicine beyond tumor passive targeting: what next?. <i>Nanomedicine</i> , 2020, 15, 1819-1822.	3.3	11
13	Combined paclitaxel-doxorubicin liposomal results in positive prognosis with infiltrating lymphocytes in lung metastasis. <i>Nanomedicine</i> , 2020, 15, 2753-2770.	3.3	5
14	Issues affecting nanomedicines on the way from the bench to the market. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10681-10685.	5.8	14
15	The influence of NLC composition on curcumin loading under a physicochemical perspective and <i>in vitro</i> evaluation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 602, 125070.	4.7	29
16	A xanthene derivative, free or associated to nanoparticles, as a new potential agent for anticancer photodynamic therapy. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020, 31, 1977-1993.	3.5	8
17	Photodynamic therapy mediated by aluminium-phthalocyanine nanoemulsion eliminates primary tumors and pulmonary metastases in a murine 4T1 breast adenocarcinoma model. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 204, 111808.	3.8	22
18	Clinical treatment of intra-epithelia cervical neoplasia with photodynamic therapy. <i>International Journal of Hyperthermia</i> , 2020, 37, 50-58.	2.5	8

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19	Photodynamic therapy in superficial basal cell carcinoma treatment. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 428-432.	2.6	27
20	Photodynamic therapy for cutaneous hemangiosarcoma in dogs. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 39-43.	2.6	13
21	Oily core/amphiphilic polymer shell nanocapsules change the intracellular fate of doxorubicin in breast cancer cells. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6390-6398.	5.8	8
22	Exposure to low concentration of fluoxetine affects development, behaviour and acetylcholinesterase activity of zebrafish embryos. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 215, 1-8.	2.6	30
23	Molecular-docking-guided design and synthesis of new IAA-tacrine hybrids as multifunctional AChE/BChE inhibitors. <i>Bioorganic Chemistry</i> , 2019, 83, 277-288.	4.1	38
24	Identification of a novel small-molecule Keap1-Nrf2 PPI inhibitor with cytoprotective effects on LPS-induced cardiomyopathy. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 833-841.	5.2	50
25	Self-nanoemulsifying drug-delivery systems improve oral absorption and antischistosomal activity of epiisopiloturine. <i>Nanomedicine</i> , 2018, 13, 689-702.	3.3	29
26	An updated overview on the development of new photosensitizers for anticancer photodynamic therapy. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 137-146.	12.0	424
27	Synthesis and antioxidant properties of <i>Lycium barbarum</i> polysaccharides capped selenium nanoparticles using tea extract. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1463-1470.	2.8	105
28	Decoration of a Poly(methyl vinyl ether-co-maleic anhydride)-Shelled Selol Nanocapsule with Folic Acid Increases Its Activity Against Different Cancer Cell Lines <i>In Vitro</i> . <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 522-528.	0.9	9
29	Synthesis and biological evaluation of 2-(3-aminophenyl)-benzothiazoles as antiproliferative and apoptosis-inducing agents. <i>Monatshefte für Chemie</i> , 2018, 149, 2093-2102.	1.8	4
30	Lipid nanoemulsion passive tumor accumulation dependence on tumor stage and anatomical location: a new mathematical model for <i>in vivo</i> imaging biodistribution studies. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7306-7316.	5.8	7
31	Selol nanocapsules with a poly(methyl vinyl ether-co-maleic anhydride) shell conjugated to doxorubicin for combinatorial chemotherapy against murine breast adenocarcinoma <i>in vivo</i> . <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1046-1052.	2.8	15
32	Evaluation of the Genotoxic and Antigenotoxic Effects of Andiroba (<i>Carapa guianensis</i> Aublet) Oil and Nanoemulsion on Swiss Mice. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-8.	2.7	8
33	Microemulsions as Platforms for Transdermal Delivery of Hydrophilic Drugs - A Review. <i>Current Nanoscience</i> , 2018, 14, 170-178.	1.2	8
34	Synthesis and Evaluation of New Potential Benzo[a]phenoxazinium Photosensitizers for Anticancer Photodynamic Therapy. <i>Molecules</i> , 2018, 23, 1436.	3.8	10
35	Epiisopilosine alkaloid has activity against <i>Schistosoma mansoni</i> in mice without acute toxicity. <i>PLoS ONE</i> , 2018, 13, e0196667.	2.5	31
36	Photodynamic therapy using chloro-aluminum phthalocyanine decreases inflammatory response in an experimental rat periodontal disease model. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 167, 208-215.	3.8	12

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37	Photodynamic Therapy treatment of onychomycosis with Aluminium-Phthalocyanine Chloride nanoemulsions: A proof of concept clinical trial. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 266-270.	3.8	37
38	Photodynamic therapy mediated by acai oil (<i>Euterpe oleracea</i> Martius) in nanoemulsion: A potential treatment for melanoma. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 166, 301-310.	3.8	77
39	Design and synthesis of pregnenolone/2-cyanoacryloyl conjugates with dual NF- κ B inhibitory and anti-proliferative activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4682-4686.	2.2	14
40	Acid-sensitive lipidated doxorubicin prodrug entrapped in nanoemulsion impairs lung tumor metastasis in a breast cancer model. <i>Nanomedicine</i> , 2017, 12, 1751-1765.	3.3	29
41	Nanocapsules for the co-delivery of selol and doxorubicin to breast adenocarcinoma 4T1 cells in vitro. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 46, 1-11.	2.8	10
42	Synthesis and Structural Modification of Marine Natural Products. <i>Molecules</i> , 2017, 22, 882.	3.8	4
43	Andiroba Oil (<i>Carapa guianensis</i> Aublet) Nanoemulsions: Development and Assessment of Cytotoxicity, Genotoxicity, and Hematotoxicity. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-11.	2.7	23
44	Nanostructured Systems for the Organelle-specific Delivery of Anticancer Drugs. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017, 17, 224-236.	2.4	12
45	Synthesis and evaluation of novel 1,2,3-triazole-based acetylcholinesterase inhibitors with neuroprotective activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3881-3885.	2.2	52
46	Prevention of Distant Lung Metastasis After Photodynamic Therapy Application in a Breast Cancer Tumor Model. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 689-699.	1.1	25
47	Aluminium-phthalocyanine chloride nanoemulsions for anticancer photodynamic therapy: Development and in vitro activity against monolayers and spheroids of human mammary adenocarcinoma MCF-7 cells. <i>Journal of Nanobiotechnology</i> , 2015, 13, 36.	9.1	70
48	Antitumor activity and systemic effects of PVM/MA-shelled selol nanocapsules in lung adenocarcinoma-bearing mice. <i>Nanotechnology</i> , 2015, 26, 505101.	2.6	9
49	Effects of photodynamic therapy mediated by nanoemulsion containing chloro-aluminum phthalocyanine: a histologic and immunohistochemical study in human gingiva. <i>Photodiagnosis and Photodynamic Therapy</i> , 2015, 12, 592-597.	2.6	13
50	Influence of nanostructure composition on its morphometric characterization by different techniques. <i>Microscopy Research and Technique</i> , 2014, 77, 691-696.	2.2	6
51	Aluminum–phthalocyanine chloride associated to poly(methyl vinyl ether-co-maleic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 therapy. <i>International Journal of Nanomedicine</i> , 2014, 9, 1199.	6.7	72
52	An overview of chemical straightening of human hair: technical aspects, potential risks to hair fibre and health and legal issues. <i>International Journal of Cosmetic Science</i> , 2014, 36, 2-11.	2.6	55
53	PVM/MA-shelled selol nanocapsules promote cell cycle arrest in A549 lung adenocarcinoma cells. <i>Journal of Nanobiotechnology</i> , 2014, 12, 32.	9.1	16
54	Perspectives on the application of nanotechnology in photodynamic therapy for the treatment of melanoma. <i>Nano Reviews</i> , 2014, 5, 24381.	3.7	62

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55	PAF increases phagocytic capacity and superoxide anion production in equine alveolar macrophages and blood neutrophils. <i>Research in Veterinary Science</i> , 2012, 93, 393-397.	1.9	13
56	Chronic Supplementation With Shark Liver Oil for Reducing Tumor Growth and Cachexia in Walker 256 Tumor-Bearing Rats. <i>Nutrition and Cancer</i> , 2011, 63, 1307-1315.	2.0	12
57	Dietary supplementation with soybean lecithin increases pulmonary PAF bioactivity in asthmatic rats. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 532-537.	4.2	11
58	Platelet-Activating Factor and Evidence of Oxidative Stress in the Bronchoalveolar Fluid of Thoroughbred Colts during Race Training. <i>Journal of Veterinary Internal Medicine</i> , 2010, 24, 414-419.	1.6	15
59	Nanoemulsion Improves Babassu Palm Oil (<i>Orbignya phalerata</i>) Antioxidant Properties. <i>Brazilian Archives of Biology and Technology</i> , 0, 64, .	0.5	3