

# João Paulo Figueirã<sup>3</sup> Longo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4863452/publications.pdf>

Version: 2024-02-01

70  
papers

1,986  
citations

257450

24  
h-index

265206

42  
g-index

70  
all docs

70  
docs citations

70  
times ranked

3245  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Docetaxel-loaded solid lipid nanoparticles prevent tumor growth and lung metastasis of 4T1 murine mammary carcinoma cells. <i>Journal of Nanobiotechnology</i> , 2020, 18, 43.	9.1	98
3	Photodynamic therapy disinfection of carious tissue mediated by aluminum-chloride-phthalocyanine entrapped in cationic liposomes: an in vitro and clinical study. <i>Lasers in Medical Science</i> , 2012, 27, 575-584.	2.1	84
4	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
5	Aluminum&ndash;phthalocyanine chloride associated to poly(methyl vinyl ether-co-maleic) Tj ETQq1 1 0.784314 rgBT /Overlock therapy. <i>International Journal of Nanomedicine</i> , 2014, 9, 1199.	6.7	72
6	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
7	Laser irradiation did not increase the proliferation or the differentiation of stem cells from normal and inflamed dental pulp. <i>Archives of Oral Biology</i> , 2012, 57, 1079-1085.	1.8	65
8	Photodynamic therapy with aluminum-chloro-phthalocyanine induces necrosis and vascular damage in mice tongue tumors. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2009, 94, 143-146.	3.8	57
9	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
10	Identification of a novel small-molecule Keap1&ndash;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
11	Liposomal photosensitizers: potential platforms for anticancer photodynamic therapy. <i>Brazilian Journal of Medical and Biological Research</i> , 2011, 44, 729-737.	1.5	46
12	In vitro photodynamic therapy on human oral keratinocytes using chloroaluminum-phthalocyanine. <i>Oral Oncology</i> , 2008, 44, 1073-1079.	1.5	43
13	Antitumor activity of photodynamic therapy performed with nanospheres containing zinc-phthalocyanine. <i>Journal of Nanobiotechnology</i> , 2013, 11, 41.	9.1	40
14	Oil rich in carotenoids instead of vitamins C and E as a better option to reduce doxorubicin-induced damage to normal cells of Ehrlich tumor-bearing mice: hematological, toxicological and histopathological evaluations. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 1161-1176.	4.2	37
15	Characterization and Biological Activities of Ocellatin Peptides from the Skin Secretion of the Frog <i>Leptodactylus pustulatus</i> . <i>Journal of Natural Products</i> , 2015, 78, 1495-1504.	3.0	37
16	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
17	Aluminum-Chloride-Phthalocyanine Encapsulated in Liposomes: Activity Against Naturally Occurring Dog Breast Cancer Cells. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 251-257.	1.1	34
18	Engineering Shape Anisotropy of Fe <sub>3</sub> O <sub>4</sub> - <sup>65</sup> Fe <sub>2</sub> O <sub>3</sub> Hollow Nanoparticles for Magnetic Hyperthermia. <i>ACS Applied Nano Materials</i> , 2021, 4, 3148-3158.	5.0	33

#	ARTICLE	IF	CITATIONS
19	Photodynamic Therapy Leads to Complete Remission of Tongue Tumors and Inhibits Metastases to Regional Lymph Nodes. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 811-818.	1.1	32
20	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
21	Self-nanoemulsifying drug-delivery systems improve oral absorption and antischistosomal activity of epiisopiloturine. <i>Nanomedicine</i> , 2018, 13, 689-702.	3.3	29
22	Photodynamic therapy in superficial basal cell carcinoma treatment. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 428-432.	2.6	27
23	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
24	SERS Investigation of Cancer Cells Treated with PDT: Quantification of Cell Survival and Follow-up. <i>Scientific Reports</i> , 2017, 7, 7175.	3.3	25
25	Extracellular biogenic synthesis of silver nanoparticles by Actinomycetes from amazonic biome and its antimicrobial efficiency. <i>African Journal of Biotechnology</i> , 2017, 16, 2072-2082.	0.6	25
26	The lipidome, genotoxicity, hematotoxicity and antioxidant properties of andiroba oil from the Brazilian Amazon. <i>Genetics and Molecular Biology</i> , 2016, 39, 248-256.	1.3	24
27	Metformin (dimethyl-biguanide) induced DNA damage in mammalian cells. <i>Genetics and Molecular Biology</i> , 2012, 35, 153-158.	1.3	22
28	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
29	The pequi pulp oil ( <i>Caryocar brasiliense</i> Camb.) provides protection against aging-related anemia, inflammation and oxidative stress in Swiss mice, especially in females. <i>Genetics and Molecular Biology</i> , 2018, 41, 858-869.	1.3	19
30	Induction of Immunogenic Cell Death by Photodynamic Therapy Mediated by Aluminum-Phthalocyanine in Nanoemulsion. <i>Pharmaceutics</i> , 2022, 14, 196.	4.5	19
31	Oral delivery of fish oil in oil-in-water nanoemulsion: development, colloidal stability and modulatory effect on in vivo inflammatory induction in mice. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 110980.	5.6	18
32	Maghemite@gold core@shell nanostructures ( $\text{Fe}_3\text{O}_4/\text{Au}$ ) surface-functionalized with aluminium phthalocyanine for multi-task imaging and therapy. <i>RSC Advances</i> , 2017, 7, 11223-11232.	3.6	16
33	Dextran-Functionalized Magnetic Fluid Mediating Magnetohyperthermia Combined with Preventive Antioxidant Pequi-Oil Supplementation: Potential Use Against Cancer. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1261-1271.	1.1	15
34	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
35	Design and synthesis of pregnenolone/2-cyanoacryloyl conjugates with dual NF- $\kappa$ B inhibitory and anti-proliferative activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4682-4686.	2.2	14
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	Photodynamic therapy for cutaneous hemangiosarcoma in dogs. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 39-43.	2.6	13
39	Physicochemical characterization and nano-emulsification of three species of pumpkin seed oils with focus on their physical stability. <i>Food Chemistry</i> , 2021, 343, 128512.	8.2	13
40	Liposomal paclitaxel induces apoptosis, cell death, inhibition of migration capacity and antitumoral activity in ovarian cancer. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 112000.	5.6	13
41	Photodynamic Therapy Mediated by Liposomal Chloroaluminum-Phthalocyanine Induces Necrosis in Oral Cancer Cells. <i>Journal of Biomaterials and Tissue Engineering</i> , 2013, 3, 148-156.	0.1	13
42	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
43	Nanostructured Systems for the Organelle-specific Delivery of Anticancer Drugs. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017, 17, 224-236.	2.4	12
44	Nanomedicine beyond tumor passive targeting: what next?. <i>Nanomedicine</i> , 2020, 15, 1819-1822.	3.3	11
45	How has nanomedical innovation contributed to the COVID-19 vaccine development?. <i>Nanomedicine</i> , 2021, 16, 1179-1181.	3.3	11
46	Fish Oil Nanoemulsion Supplementation Attenuates Bleomycin-Induced Pulmonary Fibrosis BALB/c Mice. <i>Nanomaterials</i> , 2022, 12, 1683.	4.1	11
47	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
48	Synthesis and Evaluation of New Potential Benzo[a]phenoxazinium Photosensitizers for Anticancer Photodynamic Therapy. <i>Molecules</i> , 2018, 23, 1436.	3.8	10
49	Exposure to Maghemite Nanoparticles Induces Epigenetic Alterations in Human Submandibular Gland Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 1454-1462.	0.9	10
50	Dextran-functionalized magnetic fluid mediating magnetohyperthermia for treatment of Ehrlich-solid-tumor-bearing mice: toxicological and histopathological evaluations. <i>Tumor Biology</i> , 2014, 35, 3391-3403.	1.8	9
51	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
52	Nanomedicine for cutaneous tumors – lessons since the successful treatment of the Kaposi sarcoma. <i>Nanomedicine</i> , 2018, 13, 2957-2959.	3.3	8
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	The effectiveness of photodynamic therapy as a complementary therapy to mechanical instrumentation on residual periodontal pocket clinical parameters: A clinical split-mouth test. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 29, 101565.	2.6	7
57	Efficacy of antimicrobial photodynamic therapy with chloro-aluminum phthalocyanine on periodontal clinical parameters and salivary GSH and MDA levels in patients with periodontitis. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101843.	2.6	7
58	Combined paclitaxel-doxorubicin liposomal results in positive prognosis with infiltrating lymphocytes in lung metastasis. <i>Nanomedicine</i> , 2020, 15, 2753-2770.	3.3	5
59	DNA methylation alterations induced by transient exposure of MCF-7 cells to maghemite nanoparticles. <i>Nanomedicine</i> , 2017, 12, 2637-2649.	3.3	4
60	Antimicrobial Photodynamic Therapy Using a Chloro-Aluminum Phthalocyanine Adjuvant to Nonsurgical Periodontal Treatment Does Not Improve Clinical Parameters in Patients with Chronic Periodontitis. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2019, 37, 729-735.	1.4	3
61	Tumor cell death in orthotopic breast cancer model by NanoALA: a novel perspective on photodynamic therapy in oncology. <i>Nanomedicine</i> , 2020, 15, 1019-1036.	3.3	3
62	Nanoemulsion Improves Babassu Palm Oil ( <i>Orbignya phalerata</i> ) Antioxidant Properties. <i>Brazilian Archives of Biology and Technology</i> , 0, 64, .	0.5	3
63	Panorama mundial de estudos com a hidroxicloroquina para o tratamento da COVID-19. <i>Journal of Health &amp; Biological Sciences</i> , 2020, 8, 1.	0.2	3
64	Comparative Efficacy of a Biocompatible Citrate-Functionalized Magnetic Fluid Mediating Radiofrequency Hyperthermia and Magnetohyperthermia to Treat Ectopic Ehrlich-Solid-Tumor-Bearing Elderly Mice. <i>Journal of Cancer Science &amp; Therapy</i> , 2017, 09, .	1.7	2
65	Editorial: Nanomedicine in Cancer Targeting and Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 788210.	2.8	2
66	PP - EFFECTS OF PHOTODYNAMIC THERAPY MEDIATED BY NANOEMULSION CONTAINING CHLORO-ALUMINUM PHTHALOCYANINE. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2017, 123, e64.	0.4	0
67	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
68	Virtually Planned Surgical Guides to Optimize Orthognathic Surgery. , 2017, 1, .		0
69	Peptide ToAP3 from <i>T. obscurus</i> interferes with idiopathic pulmonary fibrosis progression in murine model. , 2019, , .		0
70	The potential role of antimicrobial peptides from wasp as regulators of the fibrotic process in idiopathic pulmonary fibrosis. , 2019, , .		0