

# Cristiane Franca

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

1,791  
citations

257450  
24  
h-index

302126  
39  
g-index

74  
all docs

74  
docs citations

74  
times ranked

2949  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photopolymerization of cell-laden gelatin methacryloyl hydrogels using a dental curing light for regenerative dentistry. <i>Dental Materials</i> , 2018, 34, 389-399.	3.5	154
2	A dentin-derived hydrogel bioink for 3D bioprinting of cell laden scaffolds for regenerative dentistry. <i>Biofabrication</i> , 2018, 10, 024101.	7.1	135
3	The optical properties of mouse skin in the visible and near infrared spectral regions. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 160, 72-78.	3.8	91
4	Effect of papain-based gel on type I collagen - spectroscopy applied for microstructural analysis. <i>Scientific Reports</i> , 2015, 5, 11448.	3.3	72
5	Low-Level Laser Therapy Restores the Oxidative Stress Balance in Acute Lung Injury Induced by Gut Ischemia and Reperfusion. <i>Photochemistry and Photobiology</i> , 2013, 89, 179-188.	2.5	68
6	Carvacrol/ $\beta$ -2-cyclodextrin inclusion complex inhibits cell proliferation and migration of prostate cancer cells. <i>Food and Chemical Toxicology</i> , 2019, 125, 198-209.	3.6	65
7	Modulating effect of low level-laser therapy on fibrosis in the repair process of the tibialis anterior muscle in rats. <i>Lasers in Medical Science</i> , 2014, 29, 813-821.	2.1	61
8	Low-intensity red laser on the prevention and treatment of induced-oral mucositis in hamsters. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2009, 94, 25-31.	3.8	55
9	The tooth on-a-chip: a microphysiologic model system mimicking the biologic interface of the tooth with biomaterials. <i>Lab on A Chip</i> , 2020, 20, 405-413.	6.0	50
10	Cholinergic Stimulation Improves Oxidative Stress and Inflammation in Experimental Myocardial Infarction. <i>Scientific Reports</i> , 2017, 7, 13687.	3.3	49
11	3D Printing of Microgel-Loaded Modular Microcages as Instructive Scaffolds for Tissue Engineering. <i>Advanced Materials</i> , 2020, 32, e2001736.	21.0	42
12	Engineering Microvascular Networks in LED Light-Cured Cell-Laden Hydrogels. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2563-2570.	5.2	41
13	Histomorphometric and Microbiological Assessment of Photodynamic Therapy as an Adjuvant Treatment for Periodontitis: A Short-Term Evaluation of Inflammatory Periodontal Conditions and Bacterial Reduction in a Rat Model. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 835-844.	2.0	38
14	The influence of red laser irradiation timeline on burn healing in rats. <i>Lasers in Medical Science</i> , 2013, 28, 633-641.	2.1	38
15	Increase in cholinergic modulation with pyridostigmine induces anti-inflammatory cell recruitment soon after acute myocardial infarction in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R697-R706.	1.8	34
16	Photobiomodulation and different macrophages phenotypes during muscle tissue repair. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4922-4934.	3.6	33
17	Modulating effect of low intensity pulsed ultrasound on the phenotype of inflammatory cells. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 1147-1153.	5.6	30
18	Antibacterial, ester-free monomers: Polymerization kinetics, mechanical properties, biocompatibility and anti-biofilm activity. <i>Acta Biomaterialia</i> , 2019, 100, 132-141.	8.3	30

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19	3D-Imaging of Whole Neuronal and Vascular Networks of the Human Dental Pulp via CLARITY and Light Sheet Microscopy. Scientific Reports, 2019, 9, 10860.	3.3	29
20	A dual-ink 3D printing strategy to engineer pre-vascularized bone scaffolds in-vitro. Materials Science and Engineering C, 2021, 123, 111976.	7.3	27
21	The effect of low-level laser therapy (LLLT) applied prior to muscle injury. Lasers in Surgery and Medicine, 2015, 47, 571-578.	2.1	26
22	Papain gel containing methylene blue for simultaneous caries removal and antimicrobial photoinactivation against Streptococcus mutans biofilms. Scientific Reports, 2016, 6, 33270.	3.3	26
23	The role of basement membrane proteins on the expression of neural cell adhesion molecule (N-CAM) in an adenoid cystic carcinoma cell line. Oral Oncology, 2000, 36, 248-252.	1.5	25
24	Pulp capping materials exert an effect on the secretion of IL-1 $\beta$ and IL-8 by migrating human neutrophils. Brazilian Oral Research, 2011, 25, 13-18.	1.4	25
25	Immediate results of photodynamic therapy for the treatment of halitosis in adolescents: a randomized, controlled, clinical trial. Lasers in Medical Science, 2016, 31, 41-47.	2.1	25
26	Photodynamic therapy as a novel treatment for halitosis in adolescents: study protocol for a randomized controlled trial. Trials, 2014, 15, 443.	1.6	24
27	Pre-exercise low-level laser therapy improves performance and levels of oxidative stress markers in mdx mice subjected to muscle fatigue by high-intensity exercise. Lasers in Medical Science, 2015, 30, 1719-1727.	2.1	24
28	Effect of photodynamic therapy for the treatment of halitosis in adolescents – a controlled, microbiological, clinical trial. Journal of Biophotonics, 2016, 9, 1337-1343.	2.3	24
29	Engineering pericyte-supported microvascular capillaries in cell-laden hydrogels using stem cells from the bone marrow, dental pulp and dental apical papilla. Scientific Reports, 2020, 10, 21579.	3.3	24
30	Effect of N-CAM on in vitro invasion of human adenoid cystic carcinoma cells. Oral Oncology, 2001, 37, 638-642.	1.5	23
31	Pleomorphic adenoma of the upper lip in a child. Journal of Oral Science, 2008, 50, 225-228.	1.7	23
32	Effect of laser therapy on skeletal muscle repair process in diabetic rats. Lasers in Medical Science, 2013, 28, 1331-1338.	2.1	23
33	Tissue Responses to Postoperative Laser Therapy in Diabetic Rats Submitted to Excisional Wounds. PLoS ONE, 2015, 10, e0122042.	2.5	22
34	A comparative study of microvessel density in squamous cell carcinoma of the oral cavity and lip. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2012, 113, 391-398.	0.4	21
35	The influence of osteopontin-guided collagen intrafibrillar mineralization on pericyte differentiation and vascularization of engineered bone scaffolds. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 1522-1532.	3.4	19
36	Antimicrobial photodynamic therapy as a new approach for the treatment of vulvovaginal candidiasis: preliminary results. Lasers in Medical Science, 2018, 33, 1925-1931.	2.1	16

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37	Photodynamic therapy as novel treatment for halitosis in adolescents: a case series study. <i>Journal of Lasers in Medical Sciences</i> , 2014, 5, 146-52.	1.2	16
38	Severe oral manifestations of chronic graft-vs.-host disease. <i>Journal of the American Dental Association</i> , 2001, 132, 1124-1127.	1.5	15
39	Use of low-power laser to assist the healing of traumatic wounds in rats. <i>Acta Cirurgica Brasileira</i> , 2015, 30, 204-208.	0.7	15
40	1-Methyl-D-Tryptophan Potentiates TGF- $\beta$ 2-Induced Epithelial-Mesenchymal Transition in T24 Human Bladder Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0134858.	2.5	15
41	Intrauterine infections: A literature review. <i>Special Care in Dentistry</i> , 2004, 24, 250-253.	0.8	14
42	Effects of Dietary Supplementation with <i>Agaricus sylvaticus</i> Schaeffer on Glycemia and Cholesterol after Streptozotocin-Induced Diabetes in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-10.	1.2	14
43	Effect of laser therapy on immune cells infiltrate after excisional wounds in diabetic rats. <i>Lasers in Surgery and Medicine</i> , 2016, 48, 45-51.	2.1	14
44	Effects of periodontitis on the development of asthma: The role of photodynamic therapy. <i>PLoS ONE</i> , 2017, 12, e0187945.	2.5	14
45	Macrophage migration inhibitory factor and oral cancer. <i>Journal of Oral Pathology and Medicine</i> , 2013, 42, 368-373.	2.7	13
46	Effect of photodynamic therapy in the reduction of halitosis in patients with multiple sclerosis: clinical trial. <i>Journal of Breath Research</i> , 2017, 11, 046006.	3.0	13
47	Synthesis of di- and triacrylamides with tertiary amine cores and their evaluation as monomers in dental adhesive interfaces. <i>Acta Biomaterialia</i> , 2020, 115, 148-159.	8.3	13
48	Photobiomodulation in Wound Healing: What Are We Not Considering?. <i>Photomedicine and Laser Surgery</i> , 2016, 34, 51-52.	2.0	11
49	Experimental burns: Comparison between silver sulfadiazine and photobiomodulation. <i>Revista Da Associação Médica Brasileira</i> , 2017, 63, 29-34.	0.7	9
50	Photodynamic therapy with Bixa orellana 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
51	Orofacial evaluation in patients with multiple sclerosis using Nordic Orofacial Test-Screening. <i>Clinical Oral Investigations</i> , 2017, 21, 1681-1685.	3.0	8
52	Effects of myogenic precursor cells (C2C12) transplantation and low-level laser therapy on muscle repair. <i>Lasers in Surgery and Medicine</i> , 2018, 50, 781-791.	2.1	8
53	3D printing: prospects and challenges. , 2018, , 299-379.		8
54	Equivalence of human and bovine dentin matrix molecules for dental pulp regeneration: proteomic analysis and biological function. <i>Archives of Oral Biology</i> , 2020, 119, 104888.	1.8	8

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55	Neural adhesion molecule (N-CAM) in pleomorphic adenoma and carcinoma ex-pleomorphic adenoma. Journal of Oral Pathology and Medicine, 2003, 32, 562-567.	2.7	7
56	The effects of photodynamic therapy with blue light and papain-based gel associated with Urucum, on collagen and fibroblasts: a spectroscopic and cytotoxicity analysis. Lasers in Medical Science, 2020, 35, 767-775.	2.1	6
57	Histological and biochemical effects of preventive and therapeutic vascular photobiomodulation on rat muscle injury. Journal of Biophotonics, 2022, 15, e202100271.	2.3	6
58	Antimicrobial photodynamic therapy combined with periodontal treatment for metabolic control in patients with type 2 diabetes mellitus: study protocol for a randomized controlled trial. Trials, 2015, 16, 229.	1.6	5
59	Vascular Photobiomodulation. Photobiomodulation, Photomedicine, and Laser Surgery, 2021, 39, 143-144.	1.4	5
60	Effect of Matrigel on adenoid cystic carcinoma cell line differentiation. International Journal of Experimental Pathology, 2006, 87, 405-410.	1.3	4
61	Angiogenesis induced by low-intensity laser therapy: comparative study between single and fractioned dose on burn healing. Proceedings of SPIE, 2008, , .	0.8	4
62	Efeito da nata��o na express��o de fatores regulat��rios miog��nicos durante o reparo do musculoesquel��tico de rato. Revista Brasileira De Medicina Do Esporte, 2012, 18, 419-422.	0.2	4
63	Fully automated algorithm for wound surface area assessment. Wound Repair and Regeneration, 2013, 21, 755-761.	3.0	4
64	Response of peripheral blood mononuclear cells to conditioned medium from cultured oral squamous cell carcinomas. Brazilian Oral Research, 2011, 25, 414-420.	1.4	3
65	Production of extracellular matrix proteins by human pulp fibroblasts in contact with papac��rie and carisolv. Oral Health & Preventive Dentistry, 2014, 12, 55-9.	0.5	3
66	Effect of steroid nandrolone decanoate on osteoblast-like cells. Medical Science Technology, 0, 54, 107-111.	0.0	2
67	Facial reconstruction surgery 10 years after treatment for hemangiopericytoma: Planning considerations and clinical outcomes. Journal of Cosmetic and Laser Therapy, 2014, 16, 201-204.	0.9	1
68	Evaluation of Effective Transmission of Light Through Alveolar Bone: A Preliminary Study. Journal of Lasers in Medical Sciences, 2016, 7, 159-162.	1.2	1
69	Optical properties of mice skin for optical therapy relevant wavelengths: influence of gender and pigmentation. , 2015, , .		0
70	Orofacial manifestations of hypohidrotic ectodermal dysplasia: Three cases in one family. Medical Science Technology, 0, 54, 76-78.	0.0	0
71	Challenges and Perspectives on the Use of Pericytes in Tissue Engineering. Current Tissue Microenvironment Reports, 0, , .	3.2	0