

Cristiane Franca

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,791
citations

257101

24
h-index

301761

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.	1.6	154
2	A dentin-derived hydrogel bioink for 3D bioprinting of cell laden scaffolds for regenerative dentistry. <i>Biofabrication</i> , 2018, 10, 024101.	3.7	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.	1.7	91
4	Effect of papain-based gel on type I collagen - spectroscopy applied for microstructural analysis. <i>Scientific Reports</i> , 2015, 5, 11448.	1.6	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.	1.3	68
6	Carvacrol/ β -cyclodextrin inclusion complex inhibits cell proliferation and migration of prostate cancer cells. <i>Food and Chemical Toxicology</i> , 2019, 125, 198-209.	1.8	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.	1.0	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.	1.7	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.	3.1	50
10	Cholinergic Stimulation Improves Oxidative Stress and Inflammation in Experimental Myocardial Infarction. <i>Scientific Reports</i> , 2017, 7, 13687.	1.6	49
11	3D Printing of Microgel-Loaded Modular Microcages as Instructive Scaffolds for Tissue Engineering. <i>Advanced Materials</i> , 2020, 32, e2001736.	11.1	42
12	Engineering Microvascular Networks in LED Light-Cured Cell-Laden Hydrogels. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2563-2570.	2.6	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.	2.1	38
14	The influence of red laser irradiation timeline on burn healing in rats. <i>Lasers in Medical Science</i> , 2013, 28, 633-641.	1.0	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.	0.9	34
16	Photobiomodulation and different macrophages phenotypes during muscle tissue repair. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4922-4934.	1.6	33
17	Modulating effect of low intensity pulsed ultrasound on the phenotype of inflammatory cells. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 1147-1153.	2.5	30
18	Antibacterial, ester-free monomers: Polymerization kinetics, mechanical properties, biocompatibility and anti-biofilm activity. <i>Acta Biomaterialia</i> , 2019, 100, 132-141.	4.1	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. <i>Scientific Reports</i> , 2019, 9, 10860.	1.6	29
20	A dual-ink 3D printing strategy to engineer pre-vascularized bone scaffolds in-vitro. <i>Materials Science and Engineering C</i> , 2021, 123, 111976.	3.8	27
21	The effect of low-level laser therapy (LLLT) applied prior to muscle injury. <i>Lasers in Surgery and Medicine</i> , 2015, 47, 571-578.	1.1	26
22	Papain gel containing methylene blue for simultaneous caries removal and antimicrobial photoinactivation against <i>Streptococcus mutans</i> biofilms. <i>Scientific Reports</i> , 2016, 6, 33270.	1.6	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. <i>Oral Oncology</i> , 2000, 36, 248-252.	0.8	25
24	Pulp capping materials exert an effect on the secretion of IL-1 β and IL-8 by migrating human neutrophils. <i>Brazilian Oral Research</i> , 2011, 25, 13-18.	0.6	25
25	Immediate results of photodynamic therapy for the treatment of halitosis in adolescents: a randomized, controlled, clinical trial. <i>Lasers in Medical Science</i> , 2016, 31, 41-47.	1.0	25
26	Photodynamic therapy as a novel treatment for halitosis in adolescents: study protocol for a randomized controlled trial. <i>Trials</i> , 2014, 15, 443.	0.7	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. <i>Lasers in Medical Science</i> , 2015, 30, 1719-1727.	1.0	24
28	Effect of photodynamic therapy for the treatment of halitosis in adolescents – a controlled, microbiological, clinical trial. <i>Journal of Biophotonics</i> , 2016, 9, 1337-1343.	1.1	24
29	Engineering pericyte-supported microvascular capillaries in cell-laden hydrogels using stem cells from the bone marrow, dental pulp and dental apical papilla. <i>Scientific Reports</i> , 2020, 10, 21579.	1.6	24
30	Effect of N-CAM on in vitro invasion of human adenoid cystic carcinoma cells. <i>Oral Oncology</i> , 2001, 37, 638-642.	0.8	23
31	Pleomorphic adenoma of the upper lip in a child. <i>Journal of Oral Science</i> , 2008, 50, 225-228.	0.7	23
32	Effect of laser therapy on skeletal muscle repair process in diabetic rats. <i>Lasers in Medical Science</i> , 2013, 28, 1331-1338.	1.0	23
33	Tissue Responses to Postoperative Laser Therapy in Diabetic Rats Submitted to Excisional Wounds. <i>PLoS ONE</i> , 2015, 10, e0122042.	1.1	22
34	A comparative study of microvessel density in squamous cell carcinoma of the oral cavity and lip. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012, 113, 391-398.	0.2	21
35	The influence of osteopontin-guided collagen intrafibrillar mineralization on pericyte differentiation and vascularization of engineered bone scaffolds. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1522-1532.	1.6	19
36	Antimicrobial photodynamic therapy as a new approach for the treatment of vulvovaginal candidiasis: preliminary results. <i>Lasers in Medical Science</i> , 2018, 33, 1925-1931.	1.0	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.	0.4	16
38	Severe oral manifestations of chronic graft-vs.-host disease. <i>Journal of the American Dental Association</i> , 2001, 132, 1124-1127.	0.7	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.	0.3	15
40	1-Methyl-D-Tryptophan Potentiates TGF- β 2-Induced Epithelial-Mesenchymal Transition in T24 Human Bladder Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0134858.	1.1	15
41	Intrauterine infections: A literature review. <i>Special Care in Dentistry</i> , 2004, 24, 250-253.	0.4	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.	0.5	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.	1.1	14
44	Effects of periodontitis on the development of asthma: The role of photodynamic therapy. <i>PLoS ONE</i> , 2017, 12, e0187945.	1.1	14
45	Macrophage migration inhibitory factor and oral cancer. <i>Journal of Oral Pathology and Medicine</i> , 2013, 42, 368-373.	1.4	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.	1.5	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.	4.1	13
48	Photobiomodulation in Wound Healing: What Are We Not Considering?. <i>Photomedicine and Laser Surgery</i> , 2016, 34, 51-52.	2.1	11
49	Experimental burns: Comparison between silver sulfadiazine and photobiomodulation. <i>Revista Da Associaç�o M�dica Brasileira</i> , 2017, 63, 29-34.	0.3	9
50	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.	0.7	9
51	Orofacial evaluation in patients with multiple sclerosis using Nordic Orofacial Test-Screening. <i>Clinical Oral Investigations</i> , 2017, 21, 1681-1685.	1.4	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.	1.1	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.	0.8	8

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55	Neural adhesion molecule (N-CAM) in pleomorphic adenoma and carcinoma ex-pleomorphic adenoma. <i>Journal of Oral Pathology and Medicine</i> , 2003, 32, 562-567.	1.4	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. <i>Lasers in Medical Science</i> , 2020, 35, 767-775.	1.0	6
57	Histological and biochemical effects of preventive and therapeutic vascular photobiomodulation on rat muscle injury. <i>Journal of Biophotonics</i> , 2022, 15, e202100271.	1.1	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. <i>Trials</i> , 2015, 16, 229.	0.7	5
59	Vascular Photobiomodulation. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2021, 39, 143-144.	0.7	5
60	Effect of Matrigel on adenoid cystic carcinoma cell line differentiation. <i>International Journal of Experimental Pathology</i> , 2006, 87, 405-410.	0.6	4
61	Angiogenesis induced by low-intensity laser therapy: comparative study between single and fractioned dose on burn healing. <i>Proceedings of SPIE</i> , 2008, , .	0.8	4
62	Efeito da nataÃ§Ã£o na expressÃ£o de fatores regulatÃ³rios miogÃªnicos durante o reparo do musculoesquelÃ©tico de rato. <i>Revista Brasileira De Medicina Do Esporte</i> , 2012, 18, 419-422.	0.1	4
63	Fully automated algorithm for wound surface area assessment. <i>Wound Repair and Regeneration</i> , 2013, 21, 755-761.	1.5	4
64	Response of peripheral blood mononuclear cells to conditioned medium from cultured oral squamous cell carcinomas. <i>Brazilian Oral Research</i> , 2011, 25, 414-420.	0.6	3
65	Production of extracellular matrix proteins by human pulp fibroblasts in contact with papacÃ¡rie and carisolv. <i>Oral Health & Preventive Dentistry</i> , 2014, 12, 55-9.	0.3	3
66	Effect of steroid nandrolone decanoate on osteoblast-like cells. <i>Medical Science Technology</i> , 0, 54, 107-111.	0.0	2
67	Facial reconstruction surgery 10 years after treatment for hemangiopericytoma: Planning considerations and clinical outcomes. <i>Journal of Cosmetic and Laser Therapy</i> , 2014, 16, 201-204.	0.3	1
68	Evaluation of Effective Transmission of Light Through Alveolar Bone: A Preliminary Study. <i>Journal of Lasers in Medical Sciences</i> , 2016, 7, 159-162.	0.4	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. <i>Medical Science Technology</i> , 0, 54, 76-78.	0.0	0
71	Challenges and Perspectives on the Use of Pericytes in Tissue Engineering. <i>Current Tissue Microenvironment Reports</i> , 0, , .	1.3	0