Alyne SimÃµes

List of Publications by Year
in descending order

72	1,392	304368	377514
papers	citations	22 h-index	34 g-index

116	116	116	1692
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Laser phototherapy as topical prophylaxis against head and neck cancer radiotherapyâ€induced oral mucositis: Comparison between low and high/low power lasers. Lasers in Surgery and Medicine, 2009, 41, 264-270.	1.1	94
2	Laser phototherapy in the treatment of periodontal disease. A review. Lasers in Medical Science, 2010, 25, 781-792.	1.0	89
3	Ion release and mechanical properties of calcium silicate and calcium hydroxide materials used for pulp capping. International Endodontic Journal, 2015, 48, 89-94.	2.3	70
4	Photodynamic Therapy Mediated by Methylene Blue Dye in Wound Healing. Photomedicine and Laser Surgery, 2010, 28, 581-587.	2.1	66
5	Lowâ€level laser irradiation promotes the proliferation and maturation of keratinocytes during epithelial wound repair. Journal of Biophotonics, 2015, 8, 795-803.	1.1	57
6	Influence of etching time on bond strength in dentin irradiated with erbium lasers. Lasers in Medical Science, 2010, 25, 849-854.	1.0	55
7	Improvement in Quality of Life of An Oncological Patient by Laser Phototherapy. Photomedicine and Laser Surgery, 2009, 27, 371-374.	2.1	51
8	Laser Phototherapy as Topical Prophylaxis Against Radiation-Induced Xerostomia. Photomedicine and Laser Surgery, 2010, 28, 357-363.	2.1	49
9	Laser treatment of recurrent herpes labialis: a literature review. Lasers in Medical Science, 2014, 29, 1517-29.	1.0	39
10	Effect of defocused infrared diode laser on salivary flow rate and some salivary parameters of rats. Clinical Oral Investigations, 2008, 12, 25-30.	1.4	38
11	Low- and High-Intensity Lasers in the Treatment of Herpes Simplex Virus 1 Infection. Photomedicine and Laser Surgery, 2010, 28, 135-139.	2.1	36
12	Laser as a therapy for dry mouth symptoms in a patient with SjÃ¶gren's syndrome: a case report. Special Care in Dentistry, 2009, 29, 134-137.	0.4	32
13	Osteoradionecrosis of the jaws: case series treated with adjuvant low-level laser therapy and antimicrobial photodynamic therapy. Journal of Applied Oral Science, 2018, 26, e20170172.	0.7	30
14	Differential microRNA profile underlies the divergent healing responses in skin and oral mucosal wounds. Scientific Reports, 2019, 9, 7160.	1.6	30
15	Effect of diode laser on enzymatic activity of parotid glands of diabetic rats. Lasers in Medical Science, 2009, 24, 591-596.	1.0	29
16	Comparative study among three different phototherapy protocols to treat chemotherapyâ€induced oral mucositis in hamsters. Journal of Biophotonics, 2016, 9, 1236-1245.	1.1	29
17	Antioxidant enzymatic defense in salivary glands of streptozotocinâ€induced diabetic rats: a temporal study. Cell Biochemistry and Function, 2010, 28, 503-508.	1.4	27
18	Chemotherapy-Induced Oral Mucositis: Effect of LED and Laser Phototherapy Treatment Protocols. Photomedicine and Laser Surgery, 2014, 32, 81-87.	2.1	26

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19	Laser phototherapy effect on protein metabolism parameters of rat salivary glands. Lasers in Medical Science, 2009, 24, 202-208.	1.0	24
20	Clinical, biochemical and histological study of the effect of antimicrobial photodynamic therapy on oral mucositis induced by 5-fluorouracil in hamsters. Photodiagnosis and Photodynamic Therapy, 2015, 12, 298-309.	1.3	24
21	Comparative study between photodynamic and antibiotic therapies for treatment of footpad dermatitis (bumblefoot) in Magellanic penguins (Spheniscus magellanicus). Photodiagnosis and Photodynamic Therapy, 2015, 12, 36-44.	1.3	23
22	The influence of valproic acid on salivary pH in children with cerebral palsy. Special Care in Dentistry, 2007, 27, 64-66.	0.4	22
23	Laser Therapy in the Treatment of Paresthesia: A Retrospective Study of 125 Clinical Cases. Photomedicine and Laser Surgery, 2015, 33, 415-423.	2.1	22
24	The Effects of Low-Power Laser Irradiation on Inflammation and Apoptosis in Submandibular Glands of Diabetes-Induced Rats. PLoS ONE, 2017, 12, e0169443.	1.1	22
25	Effects of Single Exposure of Sodium Fluoride on Lipid Peroxidation and Antioxidant Enzymes in Salivary Glands of Rats. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-7.	1.9	21
26	Laser irradiation affects enzymatic antioxidant system of streptozotocin-induced diabetic rats. Lasers in Medical Science, 2013, 28, 911-918.	1.0	20
27	Diode Laser Decreases the Activity of Catalase on Submandibular Glands of Diabetic Rats. Photomedicine and Laser Surgery, 2010, 28, 91-95.	2.1	19
28	Ionic and Histological Studies of Salivary Glands in Rats with Diabetes and Their Glycemic State After Laser Irradiation. Photomedicine and Laser Surgery, 2009, 27, 877-883.	2.1	17
29	Treatment of herpes simplex labialis in macule and vesicle phases with photodynamic therapy. Report of two cases. Photodiagnosis and Photodynamic Therapy, 2015, 12, 321-323.	1.3	17
30	Synthesis and characterization of silver phosphate/calcium phosphate mixed particles capable of silver nanoparticle formation by photoreduction. Materials Science and Engineering C, 2017, 76, 464-471.	3.8	17
31	Overexpression of the Oral Mucosa-Specific microRNA-31 Promotes Skin Wound Closure. International Journal of Molecular Sciences, 2019, 20, 3679.	1.8	17
32	Dosimetric study of photobiomodulation therapy in 5-FU-induced oral mucositis in hamsters. Journal of Biomedical Optics, 2017, 22, 018003.	1.4	15
33	Mechanism of Heparin Acceleration of Tissue Inhibitor of Metalloproteases-1 (TIMP-1) Degradation by the Human Neutrophil Elastase. PLoS ONE, 2011, 6, e21525.	1.1	12
34	Efficacy of antimicrobial photodynamic therapy as an adjuvant in periodontal treatment in Down syndrome patients. Lasers in Medical Science, 2016, 31, 1977-1981.	1.0	11
35	Lowâ€power laser irradiation in salivary glands reduces glycemia in streptozotocinâ€induced diabetic female rats. Journal of Biophotonics, 2016, 9, 1246-1254.	1.1	11
36	High-power diode laser on management of drug-induced gingival overgrowth: Report of two cases and long-term follow-up. Journal of Cosmetic and Laser Therapy, 2018, 20, 215-219.	0.3	11

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37	Improvement of full-thickness rat skin wounds by photobiomodulation therapy (PBMT): A dosimetric study. Journal of Photochemistry and Photobiology B: Biology, 2020, 206, 111850.	1.7	11
38	Antimicrobial Photodynamic Therapy to treat chemotherapy-induced oral lesions: Report of three cases. Photodiagnosis and Photodynamic Therapy, 2016, 13, 350-352.	1.3	10
39	Alteration of Ca²⁺â€ATPase activity in the homogenate, plasma membrane and microsomes of the salivary glands of streptozotocinâ€induced diabetic rats. Cell Biochemistry and Function, 2009, 27, 128-134.	1.4	9
40	Influence of Sexual Hormones on Neural Orofacial Perception. Pain Medicine, 2017, 18, pnw272.	0.9	9
41	Photobiomodulation therapy on the palliative care of temporomandibular disorder and orofacial/cervical skull pain: study protocol for a randomized controlled clinical trial. Trials, 2019, 20, 200.	0.7	9
42	Photobiomodulation and antimicrobial photodynamic therapy for oral cytomegalovirus reactivation following acute graft-versus-host disease. Photodiagnosis and Photodynamic Therapy, 2020, 32, 101849.	1.3	9
43	Dentin decalcification during lithium treatment: case report. Special Care in Dentistry, 2013, 33, 91-95.	0.4	8
44	Photobiomodulation and photodynamic therapy for the management of oral graft-versus-host disease: A case report. Photodiagnosis and Photodynamic Therapy, 2020, 30, 101776.	1.3	8
45	Antimicrobial photodynamic therapy for recurrent herpes labialis in chronic graftâ€versusâ€host disease: A case report. Photodermatology Photoimmunology and Photomedicine, 2021, 37, 321-323.	0.7	8
46	Laser Phototherapy for Stevensâ€“Johnson Syndrome: A Case Report. Photomedicine and Laser Surgery, 2011, 29, 67-69.	2.1	7
47	Antimicrobial photodynamic therapy on treatment of infected radiation-induced oral mucositis: Report of two cases. Photodiagnosis and Photodynamic Therapy, 2017, 20, 18-20.	1.3	7
48	Antimicrobial photodynamic therapy to oral candidiasis not responsive to micafungin in a patient undergoing hematopoietic cell transplantation. Photodiagnosis and Photodynamic Therapy, 2021, 34, 102296.	1.3	7
49	Wound healing process with different photobiomodulation therapy protocols to treat 5-FU-induced oral mucositis in hamsters. Archives of Oral Biology, 2021, 131, 105250.	0.8	7
50	Management of orofacial lesions with antimicrobial photodynamic therapy and photobiomodulation protocols in patients with COVID-19: A multicenter case series. Photodiagnosis and Photodynamic Therapy, 2022, 38, 102743.	1.3	7
51	Ultrastructural and biochemical analysis of the effects of alendronate on salivary glands of young rats. Archives of Oral Biology, 2014, 59, 1307-1311.	0.8	6
52	Effect of Laser Phototherapy on Enzymatic Activity of Salivary Glands of Hamsters Treated with 5â€Fluorouracil. Photochemistry and Photobiology, 2014, 90, 667-672.	1.3	6
53	Effect of Tungstate Administration on the Lipid Peroxidation and Antioxidant Parameters in Salivary Glands of STZ-Induced Diabetic Rats. Biological Trace Element Research, 2021, 199, 1525-1533.	1.9	6
54	Effect of mouthrinses with different active agents in the prevention of initial dental erosion. Indian Journal of Dental Research, 2015, 26, 508.	0.1	6

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55	Laser Capture Microdissection of Epithelium from aÂWound Healing Model for MicroRNA Analysis. Methods in Molecular Biology, 2018, 1733, 225-237.	0.4	5
56	Lowâ€power laser irradiation decreases lipid droplet accumulation in the parotid glands of diabetic rats. Journal of Biophotonics, 2018, 11, e201700179.	1.1	5
57	Measurement of oral health quality of life among patients who underwent haematopoietic stem-cell transplantation. Brazilian Oral Research, 2018, 32, e78.	0.6	5
58	Treating Acute Cervical Radiodermatitis with Photobiomodulation Therapy: A Report of Two Cases. Photobiomodulation, Photomedicine, and Laser Surgery, 2020, 38, 19-23.	0.7	5
59	Lithium Induces Glycogen Accumulation in Salivary Glands of the Rat. Biological Trace Element Research, 2016, 169, 271-278.	1.9	4
60	Does the hybrid light source (LED/laser) influence temperature variation on the enamel surface during 35% hydrogen peroxide bleaching? A randomized clinical trial. Quintessence International, 2016, 47, 61-73.	0.3	4
61	Local management of neutropenic ulcer in a patient under breast cancer treatment. Photodiagnosis and Photodynamic Therapy, 2020, 32, 101997.	1.3	3
62	Site-Specific Expression Pattern of PIWI-Interacting RNA in Skin and Oral Mucosal Wound Healing. International Journal of Molecular Sciences, 2020, 21, 521.	1.8	3
63	Early effect of laser irradiation in signaling pathways of diabetic rat submandibular salivary glands. PLoS ONE, 2020, 15, e0236727.	1.1	2
64	Efeito da laserterapia sobre IGF-1 nas glÃ¢ndulas submandibulares e parÃ³tidas de animais diabÃ©ticos induzidos por estreptozotocina. Clinical and Laboratorial Research in Dentistry, 2014, 20, 152.	0.1	2
65	Influence of bethanechol on salivary parameters in irradiated patients. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2016, 22, 0-0.	0.7	2
66	Phototherapy is unable to exert beneficial effects on orthodontic tooth movement in rat molars. Angle Orthodontist, 2019, 89, 936-941.	1.1	1
67	Terapia de fotobiomodulaÃ§Ã£o no tratamento das lesÃµes orais da sÃndrome de Stevens-Johnson: relato de caso. HU Revista, 2020, 45, 478-482.	0.3	1
68	High-power laser for oral excisional biopsy in an oncologic patient with pancytopenia. National Journal of Maxillofacial Surgery, 2022, 13, 114.	0.1	1
69	Cost-effectiveness of laser therapy in hospital practice. , 2015, , 331-334.		0
70	Physics of lasers and LEDs. , 2015, , 1-10.		0
71	Antimicrobial photodynamic therapy as treatment of infected oral ulcers in patients undergoing hematopoietic stem cell transplantation: Report of two cases. Photodermatology Photoimmunology and Photomedicine, 2021, 37, 476-478.	0.7	0
72	Phototherapy With LED as an Effective Treatment for Chemotherapy-Induced Oral Mucositis in Hamsters. Journal of Lasers in Medical Sciences, 2020, 11, 475-480.	0.4	0