

# Valdir Gouveia Garcia

## List of Publications by Year in descending order

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81  
papers

2,217  
citations

218381

26  
h-index

264894

42  
g-index

83  
all docs

83  
docs citations

83  
times ranked

2259  
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of Ligature-Induced Peri-Implantitis by Lethal Photosensitization and Guided Bone Regeneration: A Preliminary Histologic Study in Dogs. <i>Journal of Periodontology</i> , 2003, 74, 338-345.	1.7	132
2	Clinical and microbiological effects of photodynamic therapy associated with nonsurgical periodontal treatment. A 6-month follow-up. <i>Lasers in Medical Science</i> , 2012, 27, 687-693.	1.0	112
3	Influence of Photodynamic Therapy on the Development of Ligature-Induced Periodontitis in Rats. <i>Journal of Periodontology</i> , 2007, 78, 566-575.	1.7	75
4	Treatment of Experimental Periodontal Disease by Photodynamic Therapy in Rats With Diabetes. <i>Journal of Periodontology</i> , 2008, 79, 2156-2165.	1.7	75
5	Effect of the concentration of phenothiazine photosensitizers in antimicrobial photodynamic therapy on bone loss and the immune inflammatory response of induced periodontitis in rats. <i>Journal of Periodontal Research</i> , 2014, 49, 584-594.	1.4	71
6	In Vivo Effect of Photodynamic Therapy on Periodontal Bone Loss in Dental Furcations. <i>Journal of Periodontology</i> , 2008, 79, 1081-1088.	1.7	68
7	Lethal photosensitization and guided bone regeneration in treatment of peri-implantitis: an experimental study in dogs. <i>Clinical Oral Implants Research</i> , 2006, 17, 273-281.	1.9	66
8	Effect of photodynamic therapy on the healing of cutaneous third-degree-burn: histological study in rats. <i>Lasers in Medical Science</i> , 2010, 25, 221-228.	1.0	66
9	Treatment of experimental periodontal disease by photodynamic therapy in immunosuppressed rats. <i>Journal of Clinical Periodontology</i> , 2009, 36, 219-228.	2.3	63
10	Bone healing in critical-size defects treated with platelet-rich plasma: a histologic and histometric study in rat calvaria. <i>Journal of Periodontal Research</i> , 2008, 43, 217-223.	1.4	62
11	Bone healing in critical-size defects treated with platelet-rich plasma activated by two different methods. A histologic and histometric study in rat calvaria. <i>Journal of Periodontal Research</i> , 2008, 43, 723-729.	1.4	58
12	Lethal photosensitization in microbiological treatment of ligature-induced peri-implantitis: a preliminary study in dogs. <i>Journal of Oral Science</i> , 2003, 45, 17-23.	0.7	56
13	Influence of the proportion of particulate autogenous bone graft/platelet-rich plasma on bone healing in critical-size defects. <i>Bone</i> , 2009, 45, 339-345.	1.4	50
14	Effect of Er:YAG and Diode lasers on the adhesion of blood components and on the morphology of irradiated root surfaces. <i>Journal of Periodontal Research</i> , 2006, 41, 381-390.	1.4	48
15	Effect of the probiotic <i>Saccharomyces cerevisiae</i> on ligature-induced periodontitis in rats. <i>Journal of Periodontal Research</i> , 2016, 51, 26-37.	1.4	48
16	Treatment of periodontitis in smokers with multiple sessions of antimicrobial photodynamic therapy or systemic antibiotics: A randomized clinical trial. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 22, 217-222.	1.3	43
17	Treatment of experimental periodontal disease with antimicrobial photodynamic therapy in nicotine-modified rats. <i>Journal of Clinical Periodontology</i> , 2011, 38, 1106-1114.	2.3	42
18	Comparison of repeated applications of aPDT with amoxicillin and metronidazole in the treatment of chronic periodontitis: A short-term study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 174, 364-369.	1.7	41

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19	Antimicrobial photodynamic therapy improves the alveolar repair process and prevents the occurrence of osteonecrosis of the jaws after tooth extraction in senile rats treated with zoledronate. <i>Bone</i> , 2019, 120, 101-113.	1.4	40
20	Adjunctive Antimicrobial Photodynamic Treatment of Experimentally Induced Periodontitis in Rats With Ovariectomy. <i>Journal of Periodontology</i> , 2013, 84, 556-565.	1.7	39
21	Adjuvant Therapy With Sodium Alendronate for the Treatment of Experimental Periodontitis in Rats. <i>Journal of Periodontology</i> , 2015, 86, 1166-1175.	1.7	39
22	Effects of LLLT in combination with bisphosphonate on bone healing in critical size defects: a histological and histometric study in rat calvaria. <i>Lasers in Medical Science</i> , 2013, 28, 407-414.	1.0	36
23	Biomechanical effect of one session of low-level laser on the bone-titanium implant interface. <i>Lasers in Medical Science</i> , 2013, 28, 349-352.	1.0	33
24	Effects of low-level laser therapy on bone healing of critical-size defects treated with bovine bone graft. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 303-310.	1.7	33
25	Effect of LLLT on autogenous bone grafts in the repair of critical size defects in the calvaria of immunosuppressed rats. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 1196-1202.	0.7	29
26	Effect of low-level laser therapy on the healing process after tooth replantation: a histomorphometrical and immunohistochemical analysis. <i>Dental Traumatology</i> , 2011, 27, 30-39.	0.8	28
27	Influence of the ratio of particulate autogenous bone graft/platelet-rich plasma on bone healing in critical-size defects: A histologic and histometric study in rat calvaria. <i>Journal of Orthopaedic Research</i> , 2009, 28, n/a-n/a.	1.2	27
28	Influence of obesity on experimental periodontitis in rats: histopathological, histometric and immunohistochemical study. <i>Clinical Oral Investigations</i> , 2018, 22, 1197-1208.	1.4	26
29	Comparative analysis of root surface smear layer removal by different etching modalities or erbium:yttrium-aluminum-garnet laser irradiation. A scanning electron microscopy study. <i>Lasers in Medical Science</i> , 2010, 25, 485-491.	1.0	25
30	Antimicrobial photodynamic therapy (aPDT) with curcumin and LED, as an enhancement to scaling and root planing in the treatment of residual pockets in diabetic patients: A randomized and controlled split-mouth clinical trial. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 388-395.	1.3	25
31	Effects of <i>Lactobacillus reuteri</i> as an adjunct to the treatment of periodontitis in smokers: randomised clinical trial. <i>Beneficial Microbes</i> , 2019, 10, 375-384.	1.0	25
32	A Histologic and Histometric Assessment of the Influence of Nicotine on Alveolar Bone Loss in Rats. <i>Journal of Periodontology</i> , 2007, 78, 527-532.	1.7	23
33	Effectiveness of the diode laser in the treatment of ligature-induced periodontitis in rats: a histopathological, histometric, and immunohistochemical study. <i>Lasers in Medical Science</i> , 2015, 30, 1209-1218.	1.0	23
34	Curcumin photodynamic effect in the treatment of the induced periodontitis in rats. <i>Lasers in Medical Science</i> , 2017, 32, 1783-1791.	1.0	23
35	Histometric analysis of ligature-induced periodontitis in rats: a comparison of histological section planes. <i>Journal of Applied Oral Science</i> , 2008, 16, 251-256.	0.7	22
36	Antimicrobial photodynamic therapy minimizes the deleterious effect of nicotine in female rats with induced periodontitis. <i>Lasers in Medical Science</i> , 2016, 31, 83-94.	1.0	22

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37	Photomodulation multiple sessions as a promising preventive therapy for medication-related osteonecrosis of the jaws after tooth extraction in rats. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 184, 7-17.	1.7	22
38	Antimicrobial photodynamic therapy compared to systemic antibiotic therapy in non-surgical treatment of periodontitis: Systematic review and meta-analysis. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101808.	1.3	22
39	Comparison between laser therapy and non-surgical therapy for periodontitis in rats treated with dexamethasone. <i>Lasers in Medical Science</i> , 2010, 25, 197-206.	1.0	21
40	Treatment of experimental periodontitis in rats using repeated adjunctive antimicrobial photodynamic therapy. <i>Lasers in Medical Science</i> , 2013, 28, 143-150.	1.0	20
41	Effect of antimicrobial photodynamic therapy on periodontally infected tooth sockets in rats. <i>Lasers in Medical Science</i> , 2015, 30, 677-683.	1.0	20
42	Effect of low-level laser therapy as an adjuvant in the treatment of periodontitis induced in rats subjected to 5-fluorouracil chemotherapy. <i>Journal of Periodontal Research</i> , 2016, 51, 669-680.	1.4	20
43	LASER in periodontal treatment: is it an effective treatment or science fiction?. <i>Brazilian Oral Research</i> , 2021, 35, e099.	0.6	20
44	The Effect of CO2 Laser Irradiation on Failed Implant Surfaces. <i>Implant Dentistry</i> , 2004, 13, 342-351.	1.7	19
45	Experimental periodontal disease treatment by subgingival irrigation with tetracycline hydrochloride in rats. <i>Journal of Applied Oral Science</i> , 2010, 18, 635-640.	0.7	19
46	Antibiotic therapy as an adjunct to scaling and root planing in smokers: a systematic review and meta-analysis. <i>Brazilian Oral Research</i> , 2017, 31, e67.	0.6	18
47	aPDT for periodontitis treatment in ovariectomized rats under systemic nicotine. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 22, 70-78.	1.3	18
48	Nonsurgical Periodontal Therapy Combined with Laser and Photodynamic Therapies for Periodontal Disease in Immunosuppressed Rats. <i>Transplantation Proceedings</i> , 2011, 43, 2009-2016.	0.3	17
49	Evaluation of the progression and treatment of experimental periodontitis in rats subjected to chemotherapy with 5-fluorouracil. <i>Supportive Care in Cancer</i> , 2015, 23, 2007-2017.	1.0	17
50	Application of Autologous Platelet-Rich Plasma on Tooth Extraction Site Prevents Occurrence of Medication-Related Osteonecrosis of the Jaws in Rats. <i>Scientific Reports</i> , 2019, 9, 22.	1.6	17
51	Cisplatin chemotherapy impairs the peri-implant bone repair around titanium implants: An in vivo study in rats. <i>Journal of Clinical Periodontology</i> , 2018, 45, 241-252.	2.3	16
52	Multiple aPDT sessions on periodontitis in rats treated with chemotherapy: histomorphometrical, immunohistochemical, immunological and microbiological analyses. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 92-102.	1.3	16
53	Radiographic assessment of photodynamic therapy as an adjunctive treatment on induced periodontitis in immunosuppressed rats. <i>Journal of Applied Oral Science</i> , 2010, 18, 237-243.	0.7	15
54	Influence of low-level laser therapy on wound healing in nicotine-treated animals. <i>Lasers in Medical Science</i> , 2012, 27, 437-443.	1.0	15

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55	Low-level laser and antimicrobial photodynamic therapy on experimental periodontitis in rats submitted to chemotherapy by 5-fluorouracil. <i>Supportive Care in Cancer</i> , 2017, 25, 3261-3271.	1.0	15
56	Periodontal Plastic Surgery Associated With Treatment for the Removal of Gingival Overgrowth. <i>Journal of Periodontology</i> , 2006, 77, 922-928.	1.7	14
57	Influence of low-level laser therapy on the healing process of autogenous bone block grafts in the jaws of systemically nicotine-modified rats: A histomorphometric study. <i>Archives of Oral Biology</i> , 2017, 75, 21-30.	0.8	13
58	Morphologic analysis, by means of scanning electron microscopy, of the effect of Er: YAG laser on root surfaces submitted to scaling and root planing. <i>Pesquisa Odontologica Brasileira = Brazilian Oral Research</i> , 2002, 16, 308-312.	0.3	12
59	Antineoplastic agents exacerbate periodontal inflammation and aggravate experimental periodontitis. <i>Journal of Clinical Periodontology</i> , 2019, 46, 457-469.	2.3	12
60	Effects of multiple sessions of antimicrobial photodynamic therapy (aPDT) in the treatment of periodontitis in patients with uncompensated type 2 diabetes: A randomized controlled clinical study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 35, 102451.	1.3	12
61	Influence of antimicrobial photodynamic therapy as an adjunctive to scaling and root planing on alveolar bone loss: A systematic review and meta-analysis of animal studies. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 354-363.	1.3	11
62	Comparative effects of different phenothiazine photosensitizers on experimental periodontitis treatment. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 34, 102198.	1.3	11
63	The Effectiveness of the Low-Level Laser, Antibiotic and Surgical Therapy in the Treatment of Medication-Related Osteonecrosis of the Jaws: A Case Report. <i>Journal of Lasers in Medical Sciences</i> , 2020, 11, 98-103.	0.4	11
64	Effects of butyl toluidine blue photosensitizer on antimicrobial photodynamic therapy for experimental periodontitis treatment in rats. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101868.	1.3	10
65	Strength training prior to muscle injury potentiates low-level laser therapy (LLLT)-induced muscle regeneration. <i>Lasers in Medical Science</i> , 2017, 32, 317-325.	1.0	9
66	Nicotine-Induced Damage Affects Gingival Fibroblasts in the Gingival Tissue of Rats. <i>Journal of Periodontology</i> , 2011, 82, 1206-1211.	1.7	7
67	Effects of oestrogen deficiency and 17 $\beta$ -estradiol therapy on bone healing in calvarial critical size defects treated with bovine bone graft. <i>Archives of Oral Biology</i> , 2015, 60, 631-641.	0.8	7
68	Tomographic Evaluation of Prevalence, Position, and Diameter of the Intraosseous Branch of the Posterior Superior Alveolar Artery in Fully Edentulous Individuals. <i>Journal of Craniofacial Surgery</i> , 2017, 28, e279-e283.	0.3	7
69	Bone Formed After Maxillary Sinus Floor Augmentation by Bone Autografting With Hydroxyapatite and Low-Level Laser Therapy. <i>Implant Dentistry</i> , 2018, 27, 547-554.	1.7	7
70	Adjuvant effects of curcumin as a photoantimicrobial or irrigant in the non-surgical treatment of periodontitis: Systematic review and meta-analysis. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 34, 102265.	1.3	5
71	Influence of the treatment with the antineoplastic agents 5-fluorouracil and cisplatin on the severity of experimental periodontitis in rats. <i>Supportive Care in Cancer</i> , 2022, 30, 1967-1980.	1.0	5
72	Treatment of experimental periodontal disease by a selective inhibitor of cyclooxygenase-2 with scaling and root planing (SRP). <i>Inflammopharmacology</i> , 2010, 18, 293-301.	1.9	4

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73	Torque Analysis of a Triple Acid-Etched Titanium Implant Surface. Scientific World Journal, The, 2015, 2015, 1-3.	0.8	4
74	Lactobacillus reuteri associated with scaling and root planing in the treatment of periodontitis in rats submitted to chemotherapy. Archives of Oral Biology, 2020, 117, 104825.	0.8	4
75	Is an anodizing coating associated to the photobiomodulation able to optimize bone healing in ovariectomized animal model?. Journal of Photochemistry and Photobiology B: Biology, 2021, 217, 112167.	1.7	3
76	Effect of systemic ozone therapy as a biomodulator of tissue regeneration and inflammatory response in rats. Universidade Estadual Paulista Revista De Odontologia, 0, 50, .	0.3	3
77	The effects of Lactobacillus reuteri on the inflammation and periodontal tissue repair in rats: A pilot study. Saudi Dental Journal, 2022, 34, 516-526.	0.5	3
78	Prevalence of Gingival Hyperplasia Induced by Anticonvulsants: A Systematic Review. Brazilian Dental Science, 2020, 24, .	0.1	1
79	Recession Defects Associated With Scraped Roots Treated With Subepithelial Connective Tissue Graft. Journal of Craniofacial Surgery, 2011, 22, 2011-2016.	0.3	0
80	LL-37 and hBD-2 in the gingival crevicular fluid of smokers and nonsmokers with periodontitis. Universidade Estadual Paulista Revista De Odontologia, 0, 50, .	0.3	0
81	Gingival hyperplasia treatment using diode laser gingivectomy in a child with cerebral palsy: case report. Research, Society and Development, 2021, 10, e405101622597.	0.0	0