LuÃ-s Carlos Spolidorio

List of Publications by Year
in descending order

119 papers	2,782 citations	201674 27 h-index	243625 44 g-index
122 all docs	122 docs citations	122 times ranked	3820 citing authors

#	Article	IF	Citations
1	Presence of mutans streptococci and Candida spp. in dental plaque/dentine of carious teeth and early childhood caries. Archives of Oral Biology, 2006, 51, 1024-1028.	1.8	196
2	Potent anti-inflammatory effects of systemically administered curcumin modulate periodontal disease in vivo. Journal of Periodontal Research, 2011, 46, 269-279.	2.7	121
3	Protease-Activated Receptor-2 Activation. American Journal of Pathology, 2006, 168, 1189-1199.	3.8	100
4	Curcumin abrogates LPS-induced pro-inflammatory cytokines in RAW 264.7 macrophages. Evidence for novel mechanisms involving SOCS-1, -3 and p38 MAPK. Archives of Oral Biology, 2013, 58, 1309-1317.	1.8	95
5	Effect of Selective Cyclooxygenase-2 Inhibition on the Development of Ligature-Induced Periodontitis in Rats. Journal of Periodontology, 2002, 73, 1030-1036.	3.4	94
6	Effectiveness of microwave disinfection of complete dentures on the treatment of Candidaâ€related denture stomatitis. Journal of Oral Rehabilitation, 2008, 35, 836-846.	3.0	84
7	iNOSâ€Derived Nitric Oxide Stimulates Osteoclast Activity and Alveolar Bone Loss in Ligatureâ€Induced Periodontitis in Rats. Journal of Periodontology, 2011, 82, 1608-1615.	3.4	71
8	Signaling pathways associated with the expression of inflammatory mediators activated during the course of two models of experimental periodontitis. Life Sciences, 2009, 84, 745-754.	4.3	65
9	Curcumin modulates the immune response associated with LPS-induced periodontal disease in rats. Innate Immunity, 2012, 18, 155-163.	2.4	58
10	Bacterial cellulose-hydroxyapatite composites with osteogenic growth peptide (OGP) or pentapeptide OGP on bone regeneration in critical-size calvarial defect model. Journal of Biomedical Materials Research - Part A, 2015, 103, 3397-3406.	4.0	57
11	Citrus flavanones prevent systemic inflammation and ameliorate oxidative stress in C57BL/6J mice fed high-fat diet. Food and Function, 2016, 7, 2675-2681.	4.6	56
12	Regeneration of Class III Furcation Defects With Basic Fibroblast Growth Factor (b-FGF) Associated With GTR. A Descriptive and Histometric Study in Dogs. Journal of Periodontology, 2000, 71, 775-784.	3.4	49
13	Role of TLR-2 and Fungal Surface Antigens on Innate Immune Response AgainstSporothrix schenckii. Immunological Investigations, 2013, 42, 36-48.	2.0	46
14	Oral health in renal transplant recipients administered cyclosporin A or tacrolimus. Oral Diseases, 2006, 12, 309-314.	3.0	44
15	Protective effects of etoricoxib, a selective inhibitor of cyclooxygenase-2, in experimental periodontitis in rats. Journal of Periodontal Research, 2005, 40, 208-211.	2.7	39
16	Experimental development of bisphosphonateâ€related osteonecrosis of the jaws in rodents. International Journal of Experimental Pathology, 2013, 94, 65-73.	1.3	39
17	Effect of cyclosporin A on alveolar bone homeostasis in a rat periodontitis model. Journal of Periodontal Research, 2004, 39, 143-148.	2.7	37
18	Simvastatin therapy in cyclosporineâ€ƒAâ€induced alveolar bone loss in rats. Journal of Periodontal Research, 2009, 44, 479-488.	2.7	37

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19	Effect of a probiotic beverage consumption (Enterococcus faecium CRL 183 and Bifidobacterium) Tj ETQq1 1 0.784314 rgBT /Overloc	2.5	37
20	Structural alterations in the seminiferous tubules of rats treated with immunosuppressor tacrolimus. Reproductive Biology and Endocrinology, 2009, 7, 19.	3.3	35
21	Differential regulation of MMP-13 expression in two models of experimentally induced periodontal disease in rats. Archives of Oral Biology, 2009, 54, 609-617.	1.8	34
22	Testosterone Regulates Bone Response to Inflammation. Hormone and Metabolic Research, 2014, 46, 193-200.	1.5	34
23	Influence of Antiplatelet Drugs in the Pathogenesis of Experimental Periodontitis and Periodontal Repair in Rats. Journal of Periodontology, 2011, 82, 767-777.	3.4	33
24	Influence of TLR-2 in the immune response in the infection induced by fungusSporothrix schenckii. Immunological Investigations, 2014, 43, 370-390.	2.0	33
25	Trigonelline and curcumin alone, but not in combination, counteract oxidative stress and inflammation and increase glycation product detoxification in the liver and kidney of mice with high-fat diet-induced obesity. Journal of Nutritional Biochemistry, 2020, 76, 108303.	4.2	33
26	Oral bisphosphonate-related osteonecrosis of the jaws in rheumatoid arthritis patients: a critical discussion and two case reports. Head & Face Medicine, 2011, 7, 7.	2.1	30
27	Associations Between Sex Hormone Levels and Periodontitis in Men: Results From NHANES III. Journal of Periodontology, 2015, 86, 1116-1125.	3.4	30
28	Molecular fingerprinting methods for the discrimination between C. albicans and C. dubliniensis. Oral Diseases, 2006, 12, 242-253.	3.0	28
29	A Case of Zimmermann-Laband Syndrome with Supernumerary Teeth. Journal of Periodontology, 2003, 74, 1225-1230.	3.4	27
30	Phenotypic methods and commercial systems for the discrimination between C. albicans and C. dubliniensis. Oral Diseases, 2005, 11, 392-398.	3.0	27
31	The H2S-releasing naproxen derivative, ATB-346, inhibits alveolar bone loss and inflammation in rats with ligature-induced periodontitis. Medical Gas Research, 2015, 5, 4.	2.3	27
32	A soy-based probiotic drink modulates the microbiota and reduces body weight gain in diet-induced obese mice. Journal of Functional Foods, 2018, 48, 302-313.	3.4	27
33	Intestinal host defense outcome is dictated by PGE ₂ production during efferocytosis of infected cells. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8469-E8478.	7.1	27
34	Doseâ€response assessment of chemically modified curcumin in experimental periodontitis. Journal of Periodontology, 2019, 90, 535-545.	3.4	27
35	Loss of Expression and Function of SOCS3 Is an Early Event in HNSCC: Altered Subcellular Localization as a Possible Mechanism Involved in Proliferation, Migration and Invasion. PLoS ONE, 2012, 7, e45197.	2.5	26
36	Peripheral Blood Mononuclear Phagocytes From Patients With Chronic Periodontitis Are Primed for Osteoclast Formation. Journal of Periodontology, 2014, 85, e72-81.	3.4	26

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37	Chemopreventive Activity of Systemically Administered Curcumin on Oral Cancer in the 4-Nitroquinoline 1-Oxide Model. Journal of Cellular Biochemistry, 2015, 116, 787-796.	2.6	26
38	Influence of obesity on experimental periodontitis in rats: histopathological, histometric and immunohistochemical study. Clinical Oral Investigations, 2018, 22, 1197-1208.	3.0	26
39	Effects of long-term cyclosporin therapy on the periodontium of rats. Journal of Periodontal Research, 2004, 39, 257-262.	2.7	25
40	Local and cardiorenal effects of periodontitis in nitric oxide-deficient hypertensive rats. Archives of Oral Biology, 2011, 56, 41-47.	1.8	25
41	Myeloperoxidase as Inflammatory Marker of Periodontal Disease: Experimental Study in Rats. Immunological Investigations, 2009, 38, 117-122.	2.0	24
42	Effect of Platelet-Rich Plasma on Peri-Implant Bone Repair: A Histologic Study in Dogs. Journal of Oral Implantology, 2010, 36, 281-290.	1.0	24
43	<scp>NOD</scp>1 in the modulation of hostâ€“microbe interactions and inflammatory bone resorption in the periodontal disease model. Immunology, 2016, 149, 374-385.	4.4	23
44	Morphological evaluation of combined effects of cyclosporin and nifedipine on gingival overgrowth in rats. Journal of Periodontal Research, 2002, 37, 192-195.	2.7	23
45	Endothelial dysfunction in rats with ligature-induced periodontitis: Participation of nitric oxide and cycloxygenase-2-derived products. Archives of Oral Biology, 2016, 63, 66-74.	1.8	22
46	Antimicrobial effects of terpinen-4-ol against oral pathogens and its capacity for the modulation of gene expression. Biofouling, 2018, 34, 815-825.	2.2	22
47	Enamel matrix proteins associated with GTR and bioactive glass in the treatment of class III furcation in dogs. Brazilian Oral Research, 2005, 19, 169-175.	1.4	21
48	Conversion of Immunosuppressive Monotherapy from Cyclosporin A to Tacrolimus Reverses Bone Loss in Rats. Calcified Tissue International, 2007, 81, 114-123.	3.1	21
49	Topical application of the lectin <scp>A</scp>rtin <scp>M</scp> accelerates wound healing in rat oral mucosa by enhancing <scp>TGF</scp>â€Î² and <scp>VEGF</scp> production. Wound Repair and Regeneration, 2013, 21, 456-463.	3.0	21
50	Clopidogrel enhances periodontal repair in rats through decreased inflammation. Journal of Clinical Periodontology, 2014, 41, 295-302.	4.9	20
51	Androgen receptors and experimental bone loss â€" an in vivo and in vitro study. Bone, 2015, 81, 683-690.	2.9	20
52	Effect of Er,Cr:YSGG laser application in the treatment of experimental periodontitis. Lasers in Medical Science, 2015, 30, 993-999.	2.1	20
53	Alendronate therapy in cyclosporineâ€induced alveolar bone loss in rats. Journal of Periodontal Research, 2007, 42, 466-473.	2.7	19
54	Telomere length and its relationship with chronic diseases â€“ New perspectives for periodontal research. Archives of Oral Biology, 2013, 58, 111-117.	1.8	19

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55	Protective effects of Tacrolimus, a calcineurin inhibitor, in experimental periodontitis in rats. Archives of Oral Biology, 2007, 52, 882-888.	1.8	18
56	Role of NOD2 and RIP2 in hostâ€“microbe interactions with Gram-negative bacteria: insights from the periodontal disease model. Innate Immunity, 2016, 22, 598-611.	2.4	18
57	The effects of up to 240â€ƒdays of tacrolimus therapy on the gingival tissues of rats - a morphological evaluation. Oral Diseases, 2008, 14, 67-72.	3.0	17
58	Impact of citrus flavonoid supplementation on inflammation in lipopolysaccharide-induced periodontal disease in mice. Food and Function, 2021, 12, 5007-5017.	4.6	17
59	Morphometric evaluation of gingival overgrowth and regression caused by cyclosporin in rats. Journal of Periodontal Research, 2001, 36, 384-389.	2.7	16
60	The Effect of Supraâ€•and Subphysiologic Testosterone Levels on Ligatureâ€‐Induced Bone Loss in Rats â€” A Radiographic and Histologic Pilot Study. Journal of Periodontology, 2012, 83, 1432-1439.	3.4	16
61	Longâ€‐term testosterone depletion attenuates inflammatory bone resorption in the ligatureâ€‐induced periodontal disease model. Journal of Periodontology, 2018, 89, 466-475.	3.4	16
62	Loading deproteinized bovine bone with strontium enhances bone regeneration in rat calvarial critical size defects. Clinical Oral Investigations, 2019, 23, 1605-1614.	3.0	16
63	Prevalence of Different Types of Accessory Canals in the Furcation Area of Third Molars. Journal of Periodontology, 2006, 77, 1755-1761.	3.4	15
64	Emprego do Ã³leo de Melaleuca alternifolia Cheel (Myrtaceae) na odontologia: perspectivas quanto Ã utilizaÃ§Ã£o como antimicrobiano alternativo Ãs doenÃ§as infecciosas de origem bucal. Revista Brasileira De Plantas Medicinais, 2011, 13, 492-499.	0.3	14
65	Influence of Parstatin on Experimental Periodontal Disease and Repair in Rats. Journal of Periodontology, 2014, 85, 1266-1274.	3.4	14
66	Selective cyclooxygenase-2 inhibition prevents bone resorption. Brazilian Oral Research, 2005, 19, 36-40.	1.4	13
67	Short-term induction of thrombocytopenia delays periodontal healing in rats with periodontal disease: participation of endostatin and vascular endothelial growth factor. Journal of Periodontal Research, 2010, 45, 184-192.	2.7	13
68	Wound healing of dehiscence defects following different root conditioning modalities: an experimental study in dogs. Clinical Oral Investigations, 2013, 17, 1585-1593.	3.0	13
69	Assessment of biocompatibility of ureasil-polyether hybrid membranes for future use in implantodontology. International Journal of Polymeric Materials and Polymeric Biomaterials, 2016, 65, 647-652.	3.4	13
70	Influence of Age on Combined Effects of Cyclosporin and Nifedipine on Rat Alveolar Bone. Journal of Periodontology, 2004, 75, 268-272.	3.4	12
71	Cyclosporin But Not Tacrolimus Significantly Increases Salivary Cytokine Contents in Rats. Journal of Periodontology, 2005, 76, 1520-1525.	3.4	12
72	Expression of Protease Activated Receptor-1 in Chronic Periodontitis. Journal of Periodontology, 2014, 85, 1763-1769.	3.4	12

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73	Effects of Selective Versus Non-Selective COX-2 Inhibition on Experimental Periodontitis. Brazilian Dental Journal, 2019, 30, 133-138.	1.1	12
74	Resistin Is Increased in Periodontal Cells and Tissues: In Vitro and In Vivo Studies. Mediators of Inflammation, 2020, 2020, 1-11.	3.0	12
75	Different Molecular Weight Chitosan-Based Membranes for Tissue Regeneration. Materials, 2011, 4, 380-389.	2.9	11
76	Intermittent Therapy with 1,25 Vitamin D and Calcitonin Prevents Cyclosporin-Induced Alveolar Bone Loss in Rats. Calcified Tissue International, 2010, 87, 236-245.	3.1	10
77	Evaluation of two alternative methods for disinfection of toothbrushes and tongue scrapers. International Journal of Dental Hygiene, 2011, 9, 279-283.	1.9	10
78	The role of androgens on periodontal repair in female rats. Journal of Periodontology, 2018, 89, 486-495.	3.4	10
79	Role of testosterone and androgen receptor in periodontal disease progression in female rats. Journal of Periodontology, 2020, 91, 545-553.	3.4	10
80	Combined effects of cyclosporin and nifedipine on gingival overgrowth in rats is not age dependent. Journal of Periodontal Research, 2003, 38, 375-379.	2.7	9
81	Treatment of Gingival Fibromatosis Associated With Zimmermann-Laband Syndrome. Journal of Periodontology, 2005, 76, 1559-1562.	3.4	9
82	Histological analysis of the association between formocresol and endotoxin in the subcutaneous tissue of mice. Brazilian Dental Journal, 2008, 19, 40-45.	1.1	9
83	Antiplatelet drugs reduce the immunoinflammatory response in a rat model of periodontal disease. Journal of Periodontal Research, 2014, 49, 729-735.	2.7	9
84	Effect of Avocado/Soybean Unsaponifiables on Osseointegration: A Proof-of-Principle Preclinical In Vivo Study. International Journal of Oral and Maxillofacial Implants, 2014, 29, 949-957.	1.4	9
85	Effects of long-term cyclosporin therapy on gingiva of rats: analysis by stereological and biochemical estimation. Brazilian Oral Research, 2005, 19, 112-118.	1.4	8
86	Immunosuppressant PrografÂ® (Tacrolimus) Induces Histopathological Disorders in the Peritubular Tissue of Rat Testes. Cells Tissues Organs, 2011, 194, 421-430.	2.3	8
87	Platelet-rich plasma stimulates cytokine expression and alkaline phosphatase activity in osteoblast-derived osteosarcoma cells. Archives of Oral Biology, 2012, 57, 1282-1289.	1.8	8
88	Evaluation of Effect of Cyclosporine A on the Bone Tissue With Induced Periodontal Disease to Ligature in Rats. Transplantation Proceedings, 2013, 45, 778-782.	0.6	8
89	Clopidogrel Enhances Mesenchymal Stem Cell Proliferation Following Periodontitis. Journal of Dental Research, 2015, 94, 1691-1697.	5.2	8
90	Pentoxifylline mitigates renal glycoxidative stress in obese mice by inhibiting AGE/RAGE signaling and increasing glyoxalase levels. Life Sciences, 2020, 258, 118196.	4.3	8

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91	Silencing matrix metalloproteinase-13 (Mmp-13) reduces inflammatory bone resorption associated with LPS-induced periodontal disease in vivo. Clinical Oral Investigations, 2021, 25, 3161-3172.	3.0	8
92	Genetic polymorphism of Streptococcus mutans in Brazilian family members. Brazilian Journal of Microbiology, 2003, 34, 213.	2.0	7
93	The long-term administration of calcineurin inhibitors decreases antioxidant enzyme activity in the rat parotid and submandibular salivary glands. Life Sciences, 2015, 134, 1-8.	4.3	7
94	Physiological effects of tangeretin and heptamethoxyflavone on obese C57BL/6J mice fed a highâ€fat diet and analyses of the metabolites originating from these two polymethoxylated flavones. Food Science and Nutrition, 2021, 9, 1997-2009.	3.4	7
95	Evaluation of argyrophilic nucleolar organizer regions in oral tumor progression. Micron, 2002, 33, 605-608.	2.2	6
96	Long-term treatment with alendronate increases the surgical difficulty during simple exodontias â€“ an in vivo observation in Holtzman rats. Head & Face Medicine, 2012, 8, 20.	2.1	6
97	Effects of Chronic Stress and Alendronate Therapy on the Osseointegration of Titanium Implants. Clinical Implant Dentistry and Related Research, 2014, 16, 762-771.	3.7	6
98	Evaluation of bone turnover after bisphosphonate withdrawal and its influence on implant osseointegration: an in vivo study in rats. Clinical Oral Investigations, 2019, 23, 1733-1744.	3.0	6
99	Topical application of lectin Artin M improves wound healing in defects created in the palatal mucosa: an in vivo study in dogs. Odontology / the Society of the Nippon Dental University, 2020, 108, 560-568.	1.9	6
100	Biochemical evaluation of glycemic levels of long-term tacrolimus therapy in rats. Brazilian Oral Research, 2007, 21, 293-297.	1.4	5
101	Effects of Long-Term FK 506 Therapy on the Alveolar Bone and Cementum of Rats. Transplantation Proceedings, 2009, 41, 1871-1874.	0.6	5
102	Experimental osteonecrosis: development of a model in rodents administered alendronate. Brazilian Oral Research, 2016, 30, e99.	1.4	5
103	Overexpression of Bclâ€2, <scp>SOCS</scp> 1, 3 and Cdh 1, 2 are associated with the early neoplasic changes in modified 4â€nitroquinoline 1â€oxideâ€induced murine oral cancer model. Journal of Oral Pathology and Medicine, 2016, 45, 573-580.	2.7	5
104	Cardiovascular Complications following Chronic Treatment with Cocaine and Testosterone in Adolescent Rats. PLoS ONE, 2014, 9, e105172.	2.5	5
105	Antioxidant activity of apple extract protects against rat tongue carcinogenesis induced by 4-nitroquinoline 1-oxide. Toxicology Mechanisms and Methods, 2015, 25, 532-537.	2.7	4
106	Leukotriene receptor antagonist reduces inflammation and alveolar bone loss in a rat model of experimental periodontitis. Journal of Periodontology, 2021, 92, e84-e93.	3.4	4
107	Diltiazem did not induce gingival overgrowth in rats: a clinical, histological and histometric analysis. Brazilian Oral Research, 2005, 19, 163-168.	1.4	4
108	Effect of induced diabetes mellitus on alveolar bone loss after 30 days of ligature-induced periodontal disease. Journal of the International Academy of Periodontology, 2009, 11, 188-92.	0.7	3

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109	Systemic Dietary Hesperidin Modulation of Osteoclastogenesis, Bone Homeostasis and Periodontal Disease in Mice. International Journal of Molecular Sciences, 2022, 23, 7100.	4.1	3
110	Physiological testosterone replacement effects on male aged rats with orchiectomy-induced osteoporosis in advanced stage: a tomographic and biomechanical pilot study. Aging Male, 2021, 24, 139-147.	1.9	2
111	Pulpal lesions in normal and cyclosporin A treated rats. Journal of Endodontics, 1997, 23, 52-53.	3.1	1
112	Cyclosporin a-induced new cementum formation: a morphometric evaluation in the periapical region of rats. Brazilian Dental Journal, 2007, 18, 24-28.	1.1	1
113	Influence of diltiazem in combination with a sucrose-rich diet on gingival alterations in rats. Brazilian Oral Research, 2009, 23, 61-67.	1.4	1
114	Supraphysiological testosterone supplementation improves granulation tissue maturation through angiogenesis in the early phase of a cutaneous wound healing model in rats. Inflammation Research, 2022, 71, 473-483.	4.0	1
115	Periodontal clinical status, microbial profile, and expression of interleukin-1Î² in men under androgenic anabolic steroids abuse. Clinical Oral Investigations, 2021, 25, 3567-3575.	3.0	0
116	AvaliaÃ§Ã£o da combinaÃ§Ã£o de poli (Ã¡cido lÃ¡ctico-co-glicÃ³lico) e poli-isopreno (CellpreneÂ®): estudo histolÃ³gico em ratos. Universidade Estadual Paulista Revista De Odontologia, 0, 48, .	0.3	0
117	Strontium ranelate improves post-extraction socket healing in rats submitted to the administration of bisphosphonates. Odontology / the Society of the Nippon Dental University, 2022, , 1.	1.9	0
118	Testosterone Increases Fibroblast Proliferation in vitro Through Androgen and Estrogen Receptor Activation. Journal of the International Academy of Periodontology, 2020, 22, 146-155.	0.7	0
119	Selective stepwise caries removal in primary teeth: a microbiological assessment on surviving microbiota. Research, Society and Development, 2022, 11, e27211427478.	0.1	0