

Sã©rgio Luã-s Scombatti de Souza

List of Publications by Year in descending order

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105
papers

3,523
citations

126708

33
h-index

161609

54
g-index

113
all docs

113
docs citations

113
times ranked

3552
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of implant surfaces on osseointegration. Brazilian Dental Journal, 2010, 21, 471-481.	0.5	226
2	Effect of Non-Surgical Periodontal Therapy on Glycemic Control in Patients with Type 2 Diabetes Mellitus. Journal of Periodontology, 2003, 74, 1361-1367.	1.7	199
3	Effects of Periodontal Therapy on Glycemic Control and Inflammatory Markers. Journal of Periodontology, 2008, 79, 774-783.	1.7	146
4	Effects of <i>Bifidobacterium</i> probiotic on the treatment of chronic periodontitis: A randomized clinical trial. Journal of Clinical Periodontology, 2018, 45, 1198-1210.	2.3	141
5	Salivary Interleukin-6, Matrix Metalloproteinase-8, and Osteoprotegerin in Patients With Periodontitis and Diabetes. Journal of Periodontology, 2010, 81, 384-391.	1.7	130
6	Antimicrobial Photodynamic Therapy in the Non-Surgical Treatment of Aggressive Periodontitis: Cytokine Profile in Gingival Crevicular Fluid, Preliminary Results. Journal of Periodontology, 2009, 80, 98-105.	1.7	120
7	Antimicrobial Photodynamic Therapy as an Adjunct to Non-Surgical Treatment of Aggressive Periodontitis: A Split-Mouth Randomized Controlled Trial. Journal of Periodontology, 2015, 86, 376-386.	1.7	109
8	Influence of implant positioning in extraction sockets on osseointegration: histomorphometric analyses in dogs. Clinical Oral Implants Research, 2010, 21, 43-49.	1.9	101
9	A 6-Month Comparative Clinical Study of a Conventional and a New Surgical Approach for Root Coverage With Acellular Dermal Matrix. Journal of Periodontology, 2004, 75, 1350-1356.	1.7	76
10	Circulating matrix metalloproteinase-8 (MMP-8) and MMP-9 are increased in chronic periodontal disease and decrease after non-surgical periodontal therapy. Clinica Chimica Acta, 2009, 409, 117-122.	0.5	75
11	Benefits of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> Probiotic in Experimental Periodontitis. Journal of Periodontology, 2017, 88, 197-208.	1.7	73
12	Comparison of Two Surgical Procedures for Use of the Acellular Dermal Matrix Graft in the Treatment of Gingival Recessions: A Randomized Controlled Clinical Study. Journal of Periodontology, 2007, 78, 1209-1217.	1.7	69
13	Acellular Dermal Matrix and Hydroxyapatite in Prevention of Ridge Deformities after Tooth Extraction. Implant Dentistry, 2005, 14, 176-184.	1.7	66
14	Photodynamic Therapy in Planktonic and Biofilm Cultures of <i>Aggregatibacter actinomycetemcomitans</i> . Photomedicine and Laser Surgery, 2010, 28, S-53-S-60.	2.1	64
15	Histomorphometric analysis of the bone-implant contact obtained with 4 different implant surface treatments placed side by side in the dog mandible. International Journal of Oral and Maxillofacial Implants, 2002, 17, 377-83.	0.6	64
16	Impact of photodynamic therapy on inflammatory cells during human chronic periodontitis. Journal of Photochemistry and Photobiology B: Biology, 2010, 101, 348-354.	1.7	58
17	Effects of enamel matrix derivative and transforming growth factor- β 1 on human periodontal ligament fibroblasts. Journal of Clinical Periodontology, 2007, 34, 514-522.	2.3	57
18	Effect of a controlled-release chlorhexidine chip on clinical and microbiological parameters of periodontal syndrome. Journal of Clinical Periodontology, 2002, 29, 875-881.	2.3	56

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19	Hard tissue formation adjacent to implants of various size and configuration immediately placed into extraction sockets: an experimental study in dogs. <i>Clinical Oral Implants Research</i> , 2010, 21, 885-890.	1.9	52
20	Obesity/Metabolic Syndrome and Diabetes Mellitus on Peri-implantitis. <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 596-610.	3.1	50
21	Ridge Preservation With Acellular Dermal Matrix and Anorganic Bone Matrix Cell-Binding Peptide P-15 After Tooth Extraction in Humans. <i>Journal of Periodontology</i> , 2011, 82, 72-79.	1.7	49
22	Inflammation markers in healthy and periodontitis patients: a preliminary data screening. <i>Brazilian Dental Journal</i> , 2008, 19, 3-8.	0.5	44
23	The effect of a single episode of antimicrobial photodynamic therapy in the treatment of experimental periodontitis. Microbiological profile and cytokine pattern in the dog mandible. <i>Lasers in Medical Science</i> , 2011, 26, 359-367.	1.0	44
24	Comparison between two surgical techniques for root coverage with an acellular dermal matrix graft. <i>Journal of Clinical Periodontology</i> , 2008, 35, 263-269.	2.3	42
25	Comparison Between Micro€and Macrosurgical Techniques for the Treatment of Localized Gingival Recessions Using Coronally Positioned Flaps and Enamel Matrix Derivative. <i>Journal of Periodontology</i> , 2010, 81, 1572-1579.	1.7	42
26	Comparative Study of Methylene Blue and Erythrosine Dyes Employed in Photodynamic Therapy for Inactivation of Planktonic and Biofilm-Cultivated <i>Aggregatibacter actinomycetemcomitans</i> . <i>Photomedicine and Laser Surgery</i> , 2010, 28, S-85-S-90.	2.1	42
27	Adjunctive effect of antimicrobial photodynamic therapy to nonsurgical periodontal treatment in smokers: a randomized clinical trial. <i>Lasers in Medical Science</i> , 2015, 30, 617-625.	1.0	40
28	Magnesium-enriched hydroxyapatite at immediate implants: a histomorphometric study in dogs. <i>Clinical Oral Implants Research</i> , 2011, 22, 512-517.	1.9	39
29	Periodontal disease: a genetic perspective. <i>Brazilian Oral Research</i> , 2012, 26, 32-38.	0.6	39
30	Collagen membranes at immediate implants: a histomorphometric study in dogs. <i>Clinical Oral Implants Research</i> , 2010, 21, 891-897.	1.9	37
31	Additional effects of aPDT on nonsurgical periodontal treatment with doxycycline in type II diabetes: a randomized, controlled clinical trial. <i>Lasers in Medical Science</i> , 2014, 29, 881-886.	1.0	37
32	Antimicrobial photodynamic therapy as an alternative to systemic antibiotics: results from a double-blind, randomized, placebo-controlled, clinical study on type 2 diabetics. <i>Journal of Clinical Periodontology</i> , 2016, 43, 147-155.	2.3	37
33	Acellular Dermal Matrix as a Membrane for Guided Tissue Regeneration in the Treatment of Class II Furcation Lesions: A Histometric and Clinical Study in Dogs. <i>Journal of Periodontology</i> , 2007, 78, 1288-1299.	1.7	36
34	Immediate Implant in Extraction Socket with Acellular Dermal Matrix Graft and Bioactive Glass: A Case Report. <i>Implant Dentistry</i> , 2002, 11, 343-348.	1.7	35
35	Effect of biofunctionalized implant surface on osseointegration: a histomorphometric study in dogs. <i>Brazilian Dental Journal</i> , 2009, 20, 91-98.	0.5	35
36	Evaluation of the Efficacy of the Acellular Dermal Matrix Allograft with Partial Thickness Flap in the Elimination of Gingival Melanin Pigmentation. A Comparative Clinical Study with 12 Months of Follow-Up. <i>Journal of Esthetic and Restorative Dentistry</i> , 2006, 18, 135-143.	1.8	32

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37	Effects of Granule Size on the Osteoconductivity of Bovine and Synthetic Hydroxyapatite: A Histologic and Histometric Study in Dogs. <i>Journal of Oral Implantology</i> , 2007, 33, 267-276.	0.4	31
38	Effect of surgical periodontal treatment associated to antimicrobial photodynamic therapy on chronic periodontitis: A randomized controlled clinical trial. <i>Journal of Clinical Periodontology</i> , 2017, 44, 717-728.	2.3	31
39	New Surgical Approach for Root Coverage of Localized Gingival Recession with Acellular Dermal Matrix: A 12-Month Comparative Clinical Study. <i>Journal of Esthetic and Restorative Dentistry</i> , 2005, 17, 156-163.	1.8	30
40	Evaluation of in vitro human gingival fibroblast seeding on acellular dermal matrix. <i>Brazilian Dental Journal</i> , 2010, 21, 179-189.	0.5	30
41	Subepithelial Connective Tissue Graft for Root Coverage in Smokers and Non-Smokers: A Clinical and Histologic Controlled Study in Humans. <i>Journal of Periodontology</i> , 2008, 79, 1014-1021.	1.7	29
42	Acellular dermal matrix as a barrier in guided bone regeneration: a clinical, radiographic and histomorphometric study in dogs. <i>Clinical Oral Implants Research</i> , 2009, 20, 1105-1115.	1.9	29
43	Antimicrobial photodynamic therapy associated to nonsurgical periodontal treatment in smokers: Microbiological results. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 141, 170-175.	1.7	29
44	Treatment of Class III Furcation Defects With Expanded Polytetrafluoroethylene Membrane Associated or Not With Anorganic Bone Matrix/Synthetic Cell-Binding Peptide: A Histologic and Histomorphometric Study in Dogs. <i>Journal of Periodontology</i> , 2006, 77, 490-497.	1.7	27
45	Comparative Study of Enamel Matrix Derivative with or without GTR in the Treatment of Class II Furcation Lesions in Dogs. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2004, 24, 476-487.	0.4	26
46	Acellular dermal matrix graft with or without enamel matrix derivative for root coverage in smokers: a randomized clinical study. <i>Journal of Clinical Periodontology</i> , 2012, 39, 393-399.	2.3	26
47	Multiple sessions of antimicrobial photodynamic therapy associated with surgical periodontal treatment in patients with chronic periodontitis. <i>Journal of Periodontology</i> , 2019, 90, 339-349.	1.7	26
48	Antimicrobial photodynamic therapy as adjunct to non-surgical periodontal treatment in smokers: a randomized clinical trial. <i>Clinical Oral Investigations</i> , 2019, 23, 3173-3182.	1.4	25
49	Comparative clinical study of a subepithelial connective tissue graft and acellular dermal matrix graft for the treatment of gingival recessions: six- to 12-month changes. <i>Journal of the International Academy of Periodontology</i> , 2008, 10, 87-94.	0.7	24
50	Radiographic Evaluation of Dental Implants with Different Surface Treatments: An Experimental Study in Dogs. <i>Implant Dentistry</i> , 2003, 12, 252-258.	1.7	23
51	Histomorphometric analysis of rat alveolar wound healing with hydroxyapatite alone or associated to BMPs. <i>Brazilian Dental Journal</i> , 2002, 13, 147-154.	0.5	22
52	Anorganic Bovine Matrix/P-15 "Flow" in the Treatment of Periodontal Defects: Case Series With 12 Months of Follow-Up. <i>Journal of Periodontology</i> , 2006, 77, 1280-1287.	1.7	22
53	A Randomized comparative clinical study of two surgical procedures to improve root coverage with the acellular dermal matrix graft. <i>Journal of Clinical Periodontology</i> , 2012, 39, 871-878.	2.3	22
54	Control of gingival inflammation in a teenager population using ultrasonic prophylaxis. <i>Brazilian Dental Journal</i> , 2004, 15, 41-45.	0.5	21

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55	Short-Term effect of COX-2 selective inhibitor as an adjunct for the treatment of periodontal disease: a clinical double-blind study in humans. <i>Brazilian Dental Journal</i> , 2008, 19, 323-328.	0.5	21
56	Bioactive Glass Efficacy in the Periodontal Healing of Intrabony Defects in Monkeys. <i>Brazilian Dental Journal</i> , 2005, 16, 67-74.	0.5	20
57	Amelogenesis Imperfecta and Unusual Gingival Hyperplasia. <i>Journal of Periodontology</i> , 2005, 76, 1563-1566.	1.7	18
58	Buccal Bone Plate Remodeling After Immediate Implant Placement With and Without Synthetic Bone Grafting and Flapless Surgery: Radiographic Study in Dogs. <i>Journal of Oral Implantology</i> , 2012, 38, 687-698.	0.4	18
59	Adjunctive effect of antimicrobial photodynamic therapy in induced periodontal disease. Animal study with histomorphometrical, immunohistochemical, and cytokine evaluation. <i>Lasers in Medical Science</i> , 2016, 31, 1275-1283.	1.0	18
60	Root coverage using coronally advanced flap with porcine-derived acellular dermal matrix or subepithelial connective tissue graft: a randomized controlled clinical trial. <i>Clinical Oral Investigations</i> , 2020, 24, 4077-4087.	1.4	17
61	Influence of nano-hydroxyapatite coating implants on gene expression of osteogenic markers and micro-CT parameters. An in vivo study in diabetic rats. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 682-694.	2.1	17
62	Effect of Early Membrane Removal on Regeneration of Class II Furcation Defects in Dogs. <i>Journal of Periodontology</i> , 2006, 77, 46-53.	1.7	16
63	Histologic Evaluation of the Buccal and Lingual Bone Plates in Anterior Dog Teeth: Possible Influence on Implant Dentistry. <i>Journal of Periodontology</i> , 2011, 82, 872-877.	1.7	15
64	Arterial Hypertension Perpetuates Alveolar Bone Loss. <i>Clinical and Experimental Hypertension</i> , 2013, 35, 1-5.	0.5	15
65	Effects of leukocyte- and platelet-rich fibrin associated or not with bovine bone graft on the healing of bone defects in rats with osteoporosis induced by ovariectomy. <i>Clinical Oral Implants Research</i> , 2019, 30, 962-976.	1.9	15
66	Impact of Different Implant Surfaces Topographies on Peri-Implant Tissues: An Update of Current Available Data on Dental Implants Retrieved from Human Jaws. <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 76-84.	0.9	14
67	Potential of Bioactive Glass Particles of Different Size Ranges to Affect Bone Formation in Interproximal Periodontal Defects in Dogs. <i>Journal of Periodontology</i> , 2009, 80, 808-815.	1.7	13
68	In Vitro Evaluation of Acellular Dermal Matrix as a Three-Dimensional Scaffold for Gingival Fibroblasts Seeding. <i>Journal of Periodontology</i> , 2011, 82, 293-301.	1.7	13
69	Adjunct effect of the antimicrobial photodynamic therapy to an association of non-surgical and surgical periodontal treatment in modulation of gene expression: A human study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 126, 119-125.	1.7	13
70	Root Coverage in Smokers with Acellular Dermal Matrix Graft and Enamel Matrix Derivative: A 12-Month Randomized Clinical Trial. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2016, 36, 525-531.	0.4	13
71	Treatment of Intrabony Defects with Anorganic Bone Matrix/P-15 or Guided Tissue Regeneration in Patients with Aggressive Periodontitis. <i>Brazilian Dental Journal</i> , 2013, 24, 204-212.	0.5	12
72	Evaluation of a bone substitute covered with a collagen membrane for ridge preservation after tooth extraction. Clinical and tomographic randomized controlled study in humans. <i>Clinical Oral Implants Research</i> , 2018, 29, 424-433.	1.9	12

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73	Effect of smoking on the DNA methylation pattern of the SOCS1 promoter in epithelial cells from the saliva of patients with chronic periodontitis. <i>Journal of Periodontology</i> , 2019, 90, 1279-1286.	1.7	12
74	Root Trunk Concavities as a Risk Factor for Regenerative Procedures of Class II Furcation Lesions in Humans. <i>Journal of Periodontology</i> , 2004, 75, 1493-1499.	1.7	11
75	The Bone Formation Capabilities of the Anorganic Bone Matrixâ€“Synthetic Cell-Binding Peptide 15 Crafts in an Animal Periodontal Model: A Histologic and Histomorphometric Study in Dogs. <i>Journal of Periodontology</i> , 2010, 81, 594-603.	1.7	11
76	A Modified Surgical Technique for Root Coverage With an Allograft: A 12-Month Randomized Clinical Trial. <i>Journal of Periodontology</i> , 2014, 85, 1529-1536.	1.7	11
77	Microbiologic effect of two topical antiâ€“infective treatments on ligatureâ€“induced periâ€“implantitis: A pilot study in dogs. <i>Journal of Periodontology</i> , 2018, 89, 995-1002.	1.7	11
78	Treatment of gingival recessions in heavy smokers using two surgical techniques: a controlled clinical trial. <i>Brazilian Dental Journal</i> , 2012, 23, 59-67.	0.5	10
79	Effects of Antimicrobial Photodynamic Therapy on Transforming Growth Factor- β 1 Levels in the Gingival Crevicular Fluid. <i>Photomedicine and Laser Surgery</i> , 2013, 31, 65-71.	2.1	10
80	The influence of the periodontal biotype on periâ€“implant tissues around immediate implants with and without xenografts. Clinical and microâ€“computerized tomographic study in small Beagle dogs. <i>Clinical Oral Implants Research</i> , 2015, 26, 35-43.	1.9	10
81	Socket Preservation Therapy with Acellular Dermal Matrix and Mineralized Bone Allograft After Tooth Extraction in Humans: A Clinical and Histomorphometric Study. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2016, 36, e16-e25.	0.4	10
82	Influence of Periodontal Biotype on Buccal Bone Remodeling after Tooth Extraction Using the Flapless Approach with a Xenograft: A Histomorphometric and Fluorescence Study in Small Dogs. <i>Clinical Implant Dentistry and Related Research</i> , 2015, 17, e221-35.	1.6	8
83	Clinical attachment loss and molecular profile of inflamed sites before treatment. <i>Journal of Applied Oral Science</i> , 2019, 27, e20180671.	0.7	8
84	Histological and Nanomechanical Properties of a New Nanometric Hydroxiapatite Implant Surface. An In Vivo Study in Diabetic Rats. <i>Materials</i> , 2020, 13, 5693.	1.3	8
85	Root coverage of gingival recessions with non-carious cervical lesions: a controlled clinical trial. <i>Clinical Oral Investigations</i> , 2020, 24, 4583-4589.	1.4	8
86	Cross-sectional evaluation of clinical parameters to select high prevalence populations for periodontal disease: the site comparative severity methodology. <i>Brazilian Dental Journal</i> , 2004, 15, 46-53.	0.5	8
87	Clinical and microbiological analysis of periodontally diseased sites after renal transplant. <i>Special Care in Dentistry</i> , 2002, 22, 115-120.	0.4	7
88	A Randomized Comparative Study of Two Techniques to Optimize the Root Coverage Using a Porcine Collagen Matrix. <i>Brazilian Dental Journal</i> , 2015, 26, 445-450.	0.5	7
89	Histologic analysis of the acellular dermal matrix graft incorporation process: a pilot study in dogs. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2007, 27, 341-7.	0.4	7
90	Palatal Harvesting Technique Modification for Better Control of the Connective Tissue Graft Dimensions. <i>Brazilian Dental Journal</i> , 2013, 24, 565-568.	0.5	6

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91	Preliminary Results of Non-Surgical Periodontal Treatment in Patients With Breast Cancer Undergoing Chemotherapy. <i>Journal of Periodontology</i> , 2016, 87, 1268-1277.	1.7	6
92	Effects of local administration of tiludronic acid on experimental periodontitis in diabetic rats. <i>Journal of Periodontology</i> , 2018, 89, 105-116.	1.7	6
93	Buccal bone remodeling after tooth extraction using the flapless approach with and without synthetic bone grafting. A histomorphometric study in dogs. <i>Clinical Oral Implants Research</i> , 2013, 24, 407-413.	1.9	5
94	Sub-antimicrobial doses of doxycycline decreased bone loss related to ligature-induced periodontitis in hypertensive rats. <i>Archives of Oral Biology</i> , 2019, 101, 77-84.	0.8	5
95	Morphological, Functional and Biochemical Characterization of Canine Gingival Fibroblasts. <i>Brazilian Dental Journal</i> , 2013, 24, 128-135.	0.5	4
96	Bioactive Glass Particles in Two-Dimensional and Three-Dimensional Osteogenic Cell Cultures. <i>Brazilian Dental Journal</i> , 2017, 28, 307-316.	0.5	4
97	Mesenchymal stem cells surpass the capacity of bone marrow aspirate concentrate for periodontal regeneration. <i>Journal of Applied Oral Science</i> , 2022, 30, e20210359.	0.7	3
98	Effect of Early Membrane Removal on the Treatment of Mandibular Class II Furcation Defects - A Controlled Clinical Trial with Re-entry after 12 Months. <i>Brazilian Dental Journal</i> , 2013, 24, 402-409.	0.5	2
99	Enamel matrix derivative and transforming growth factor-beta1 in Class III furcation defects. A histomorphometric study in dogs. <i>Journal of the International Academy of Periodontology</i> , 2012, 14, 69-75.	0.7	2
100	Differences in collagen distribution of healthy and regenerated periodontium. Histomorphometric study in dogs. <i>Histology and Histopathology</i> , 2013, 28, 1315-24.	0.5	2
101	The Effect of Antimicrobial Photodynamic Therapy in the Osseointegration of Immediately Placed Implants in Sites with Ligature-Induced Periodontitis in Dogs. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2020, 40, 917-923.	0.4	1
102	Auxiliary chemical therapies in the treatment of aggressive periodontitis: current aspects. <i>Rgo</i> , 2015, 63, 195-202.	0.2	0
103	Implante imediato p�s-exodontia em regi�o de molar utilizando um novo implante com a t�cnica de preparo intrarradicular e preserva�o alveolar. <i>Journal of Multidisciplinary Dentistry</i> , 2021, 10, 160-7.	0.2	0
104	Terapia de preserva�o de alv�olo com matriz d�rmica acelular e aloenxerto �sseo mineralizado ap�s extra�o dental em humanos: um estudo cl�nico e histomorfof�trico. <i>The International Journal of Periodontics and Restorative Dentistry</i> , 2016, 01, 278.	0.0	0
105	The influence of gingival health status on periodontal probing measurements. A clinical study in humans. <i>Journal of the International Academy of Periodontology</i> , 2004, 6, 56-62.	0.7	0