

# Srgio Lus Scombatti de Souza

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5362864/sergio-luis-scombatti-de-souza-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

103  
papers

2,736  
citations

29  
h-index

48  
g-index

113  
ext. papers

3,043  
ext. citations

3.7  
avg, IF

4.58  
L-index

#	Paper	IF	Citations
103	Mesenchymal stem cells surpass the capacity of bone marrow aspirate concentrate for periodontal regeneration.. <i>Journal of Applied Oral Science</i> , <b>2022</b> , 30, e20210359	3.3	0
102	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> , <b>2021</b> , 109, 682-694	5.4	5
101	Histological and Nanomechanical Properties of a New Nanometric Hydroxiapatite Implant Surface. An In Vivo Study in Diabetic Rats. <i>Materials</i> , <b>2020</b> , 13,	3.5	2
100	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> , <b>2020</b> , 40, 917-923	2.1	
99	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> , <b>2020</b> , 24, 4077-4087	4.2	4
98	Obesity/Metabolic Syndrome and Diabetes Mellitus on Peri-implantitis. <i>Trends in Endocrinology and Metabolism</i> , <b>2020</b> , 31, 596-610	8.8	15
97	Root coverage of gingival recessions with non-carious cervical lesions: a controlled clinical trial. <i>Clinical Oral Investigations</i> , <b>2020</b> , 24, 4583-4589	4.2	3
96	Clinical attachment loss and molecular profile of inflamed sites before treatment. <i>Journal of Applied Oral Science</i> , <b>2019</b> , 27, e20180671	3.3	6
95	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> , <b>2019</b> , 90, 1279-1286	4.6	7
94	Sub-antimicrobial doses of doxycycline decreased bone loss related to ligature-induced periodontitis in hypertensive rats. <i>Archives of Oral Biology</i> , <b>2019</b> , 101, 77-84	2.8	2
93	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> , <b>2019</b> , 30, 962-976	4.8	9
92	Antimicrobial photodynamic therapy as adjunct to non-surgical periodontal treatment in smokers: a randomized clinical trial. <i>Clinical Oral Investigations</i> , <b>2019</b> , 23, 3173-3182	4.2	16
91	Multiple sessions of antimicrobial photodynamic therapy associated with surgical periodontal treatment in patients with chronic periodontitis. <i>Journal of Periodontology</i> , <b>2019</b> , 90, 339-349	4.6	12
90	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> , <b>2018</b> , 29, 424-433	4.8	8
89	Microbiologic effect of two topical anti-infective treatments on ligature-induced peri-implantitis: A pilot study in dogs. <i>Journal of Periodontology</i> , <b>2018</b> , 89, 995-1002	4.6	7
88	Effects of Bifidobacterium probiotic on the treatment of chronic periodontitis: A randomized clinical trial. <i>Journal of Clinical Periodontology</i> , <b>2018</b> , 45, 1198-1210	7.7	78
87	Effects of local administration of tiludronic acid on experimental periodontitis in diabetic rats. <i>Journal of Periodontology</i> , <b>2018</b> , 89, 105-116	4.6	5

86	Effect of surgical periodontal treatment associated to antimicrobial photodynamic therapy on chronic periodontitis: A randomized controlled clinical trial. <i>Journal of Clinical Periodontology</i> , <b>2017</b> , 44, 717-728	7.7	18
85	Bioactive Glass Particles in Two-Dimensional and Three-Dimensional Osteogenic Cell Cultures. <i>Brazilian Dental Journal</i> , <b>2017</b> , 28, 307-316	1.9	3
84	Benefits of Bifidobacterium animalis subsp. lactis Probiotic in Experimental Periodontitis. <i>Journal of Periodontology</i> , <b>2017</b> , 88, 197-208	4.6	45
83	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> , <b>2017</b> , 18, 76-84	2.6	11
82	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> , <b>2016</b> , 36, e16-25	2.1	10
81	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> , <b>2016</b> , 36, 525-31	2.1	8
80	Adjunctive effect of antimicrobial photodynamic therapy in induced periodontal disease. Animal study with histomorphometrical, immunohistochemical, and cytokine evaluation. <i>Lasers in Medical Science</i> , <b>2016</b> , 31, 1275-83	3.1	14
79	Preliminary Results of Non-Surgical Periodontal Treatment in Patients With Breast Cancer Undergoing Chemotherapy. <i>Journal of Periodontology</i> , <b>2016</b> , 87, 1268-1277	4.6	3
78	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> , <b>2016</b> , 43, 147-55	7.7	29
77	Antimicrobial photodynamic therapy as an adjunct to non-surgical treatment of aggressive periodontitis: a split-mouth randomized controlled trial. <i>Journal of Periodontology</i> , <b>2015</b> , 86, 376-86	4.6	86
76	The influence of the periodontal biotype on peri-implant tissues around immediate implants with and without xenografts. Clinical and micro-computerized tomographic study in small Beagle dogs. <i>Clinical Oral Implants Research</i> , <b>2015</b> , 26, 35-43	4.8	5
75	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> , <b>2015</b> , 17 Suppl 1, e221-35	3.9	5
74	Adjunctive effect of antimicrobial photodynamic therapy to nonsurgical periodontal treatment in smokers: a randomized clinical trial. <i>Lasers in Medical Science</i> , <b>2015</b> , 30, 617-25	3.1	29
73	A Randomized Comparative Study of Two Techniques to Optimize the Root Coverage Using a Porcine Collagen Matrix. <i>Brazilian Dental Journal</i> , <b>2015</b> , 26, 445-50	1.9	6
72	Auxiliary chemical therapies in the treatment of aggressive periodontitis: current aspects. <i>Rgo</i> , <b>2015</b> , 63, 195-202	0.7	
71	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> , <b>2014</b> , 29, 881-6	3.1	29
70	Antimicrobial photodynamic therapy associated to nonsurgical periodontal treatment in smokers: microbiological results. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2014</b> , 141, 170-5	6.7	21
69	A modified surgical technique for root coverage with an allograft: a 12-month randomized clinical trial. <i>Journal of Periodontology</i> , <b>2014</b> , 85, 1529-36	4.6	9

68	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> , <b>2013</b> , 126, 119-25	6.7	11
67	Effects of antimicrobial photodynamic therapy on transforming growth factor- $\beta$ levels in the gingival crevicular fluid. <i>Photomedicine and Laser Surgery</i> , <b>2013</b> , 31, 65-71		8
66	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> , <b>2013</b> , 24, 407-13	4.8	5
65	Arterial hypertension perpetuates alveolar bone loss. <i>Clinical and Experimental Hypertension</i> , <b>2013</b> , 35, 1-5	2.2	11
64	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> , <b>2013</b> , 24, 402-9	1.9	1
63	Morphological, functional and biochemical characterization of canine gingival fibroblasts. <i>Brazilian Dental Journal</i> , <b>2013</b> , 24, 128-35	1.9	4
62	Palatal harvesting technique modification for better control of the connective tissue graft dimensions. <i>Brazilian Dental Journal</i> , <b>2013</b> , 24, 565-8	1.9	3
61	Treatment of intrabony defects with anorganic bone matrix/p-15 or guided tissue regeneration in patients with aggressive periodontitis. <i>Brazilian Dental Journal</i> , <b>2013</b> , 24, 204-12	1.9	10
60	Differences in collagen distribution of healthy and regenerated periodontium. Histomorphometric study in dogs. <i>Histology and Histopathology</i> , <b>2013</b> , 28, 1315-24	1.4	2
59	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> , <b>2012</b> , 39, 871-8	7.7	17
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> , <b>2012</b> , 38, 687-98	1.2	15
57	Periodontal disease: a genetic perspective. <i>Brazilian Oral Research</i> , <b>2012</b> , 26 Suppl 1, 32-8	2.6	26
56	Treatment of gingival recessions in heavy smokers using two surgical techniques: a controlled clinical trial. <i>Brazilian Dental Journal</i> , <b>2012</b> , 23, 59-67	1.9	5
55	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> , <b>2012</b> , 39, 393-9	7.7	16
54	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> , <b>2012</b> , 14, 69-75	0.9	2
53	Magnesium-enriched hydroxyapatite at immediate implants: a histomorphometric study in dogs. <i>Clinical Oral Implants Research</i> , <b>2011</b> , 22, 512-7	4.8	38
52	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> , <b>2011</b> , 26, 359-67	3.1	39
51	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> , <b>2011</b> , 82, 72-9	4.6	43

50	In vitro evaluation of acellular dermal matrix as a three-dimensional scaffold for gingival fibroblasts seeding. <i>Journal of Periodontology</i> , <b>2011</b> , 82, 293-301	4.6	9
49	Histologic evaluation of the buccal and lingual bone plates in anterior dog teeth: possible influence on implant dentistry. <i>Journal of Periodontology</i> , <b>2011</b> , 82, 872-7	4.6	14
48	Influence of implant positioning in extraction sockets on osseointegration: histomorphometric analyses in dogs. <i>Clinical Oral Implants Research</i> , <b>2010</b> , 21, 43-9	4.8	88
47	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> , <b>2010</b> , 21, 885-90	4.8	40
46	Collagen membranes at immediate implants: a histomorphometric study in dogs. <i>Clinical Oral Implants Research</i> , <b>2010</b> , 21, 891-7	4.8	35
45	Evaluation of in vitro human gingival fibroblast seeding on acellular dermal matrix. <i>Brazilian Dental Journal</i> , <b>2010</b> , 21, 179-89	1.9	25
44	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> , <b>2010</b> , 81, 1572-9	4.6	32
43	The bone formation capabilities of the anorganic bone matrix-synthetic cell-binding peptide 15 grafts in an animal periodontal model: a histologic and histomorphometric study in dogs. <i>Journal of Periodontology</i> , <b>2010</b> , 81, 594-603	4.6	8
42	Salivary interleukin-6, matrix metalloproteinase-8, and osteoprotegerin in patients with periodontitis and diabetes. <i>Journal of Periodontology</i> , <b>2010</b> , 81, 384-91	4.6	111
41	Photodynamic therapy in planktonic and biofilm cultures of <i>Aggregatibacter actinomycetemcomitans</i> . <i>Photomedicine and Laser Surgery</i> , <b>2010</b> , 28 Suppl 1, S53-60		54
40	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> , <b>2010</b> , 28 Suppl 1, S85-90		34
39	Impact of photodynamic therapy on inflammatory cells during human chronic periodontitis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2010</b> , 101, 348-54	6.7	41
38	Influence of implant surfaces on osseointegration. <i>Brazilian Dental Journal</i> , <b>2010</b> , 21, 471-81	1.9	175
37	Acellular dermal matrix as a barrier in guided bone regeneration: a clinical, radiographic and histomorphometric study in dogs. <i>Clinical Oral Implants Research</i> , <b>2009</b> , 20, 1105-15	4.8	22
36	Antimicrobial photodynamic therapy in the non-surgical treatment of aggressive periodontitis: cytokine profile in gingival crevicular fluid, preliminary results. <i>Journal of Periodontology</i> , <b>2009</b> , 80, 98-105	4.6	101
35	Potential of bioactive glass particles of different size ranges to affect bone formation in interproximal periodontal defects in dogs. <i>Journal of Periodontology</i> , <b>2009</b> , 80, 808-15	4.6	8
34	Circulating matrix metalloproteinase-8 (MMP-8) and MMP-9 are increased in chronic periodontal disease and decrease after non-surgical periodontal therapy. <i>Clinica Chimica Acta</i> , <b>2009</b> , 409, 117-22	6.2	65
33	Effect of biofunctionalized implant surface on osseointegration: a histomorphometric study in dogs. <i>Brazilian Dental Journal</i> , <b>2009</b> , 20, 91-8	1.9	30

32	Effects of periodontal therapy on glycemic control and inflammatory markers. <i>Journal of Periodontology</i> , <b>2008</b> , 79, 774-83	4.6	121
31	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> , <b>2008</b> , 79, 1014-21	4.6	19
30	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> , <b>2008</b> , 19, 323-8	1.9	20
29	Inflammation markers in healthy and periodontitis patients: a preliminary data screening. <i>Brazilian Dental Journal</i> , <b>2008</b> , 19, 3-8	1.9	28
28	Comparison between two surgical techniques for root coverage with an acellular dermal matrix graft. <i>Journal of Clinical Periodontology</i> , <b>2008</b> , 35, 263-9	7.7	32
27	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> , <b>2008</b> , 10, 87-94	0.9	24
26	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> , <b>2007</b> , 78, 1288-99	4.6	27
25	Comparison of two surgical procedures for use of the acellular dermal matrix graft in the treatment of gingival recessions: a randomized controlled clinical study. <i>Journal of Periodontology</i> , <b>2007</b> , 78, 1209-17	4.6	56
24	Effects of enamel matrix derivative and transforming growth factor-beta1 on human periodontal ligament fibroblasts. <i>Journal of Clinical Periodontology</i> , <b>2007</b> , 34, 514-22	7.7	52
23	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> , <b>2007</b> , 33, 267-76	1.2	25
22	Histologic analysis of the acellular dermal matrix graft incorporation process: a pilot study in dogs. <i>International Journal of Periodontics and Restorative Dentistry</i> , <b>2007</b> , 27, 341-7	2.1	7
21	Effect of early membrane removal on regeneration of Class II furcation defects in dogs. <i>Journal of Periodontology</i> , <b>2006</b> , 77, 46-53	4.6	16
20	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> , <b>2006</b> , 77, 1280-7	4.6	20
19	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> , <b>2006</b> , 77, 490-7	4.6	24
18	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> , <b>2006</b> , 18, 135-43; discussion 143	3.5	28
17	Amelogenesis imperfecta and unusual gingival hyperplasia. <i>Journal of Periodontology</i> , <b>2005</b> , 76, 1563-6	4.6	17
16	Acellular dermal matrix and hydroxyapatite in prevention of ridge deformities after tooth extraction. <i>Implant Dentistry</i> , <b>2005</b> , 14, 176-84	2.4	57
15	Bioactive glass efficacy in the periodontal healing of intrabony defects in monkeys. <i>Brazilian Dental Journal</i> , <b>2005</b> , 16, 67-74	1.9	17



14	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> , <b>2005</b> , 17, 156-64; discussion 164	3.5	25
13	Control of gingival inflammation in a teenager population using ultrasonic prophylaxis. <i>Brazilian Dental Journal</i> , <b>2004</b> , 15, 41-5	1.9	11
12	Root trunk concavities as a risk factor for regenerative procedures of class II furcation lesions in humans. <i>Journal of Periodontology</i> , <b>2004</b> , 75, 1493-9	4.6	11
11	A 6-month comparative clinical study of a conventional and a new surgical approach for root coverage with acellular dermal matrix. <i>Journal of Periodontology</i> , <b>2004</b> , 75, 1350-6	4.6	59
10	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> , <b>2004</b> , 24, 476-87 <sup>2.1</sup>		24
9	Cross-sectional evaluation of clinical parameters to select high prevalence populations for periodontal disease: the site comparative severity methodology. <i>Brazilian Dental Journal</i> , <b>2004</b> , 15, 46-53 <sup>1.9</sup>		4
8	The influence of gingival health status on periodontal probing measurements. A clinical study in humans. <i>Journal of the International Academy of Periodontology</i> , <b>2004</b> , 6, 56-62	0.9	
7	Radiographic evaluation of dental implants with different surface treatments: an experimental study in dogs. <i>Implant Dentistry</i> , <b>2003</b> , 12, 252-8	2.4	20
6	Effect of non-surgical periodontal therapy on glycemic control in patients with type 2 diabetes mellitus. <i>Journal of Periodontology</i> , <b>2003</b> , 74, 1361-7	4.6	170
5	Effect of a controlled-release chlorhexidine chip on clinical and microbiological parameters of periodontal syndrome. <i>Journal of Clinical Periodontology</i> , <b>2002</b> , 29, 875-81	7.7	49
4	Clinical and microbiological analysis of periodontally diseased sites after renal transplant. <i>Special Care in Dentistry</i> , <b>2002</b> , 22, 115-20	1.7	7
3	Histomorphometric analysis of rat alveolar wound healing with hydroxyapatite alone or associated to BMPs. <i>Brazilian Dental Journal</i> , <b>2002</b> , 13, 147-54	1.9	18
2	Immediate implant in extraction socket with acellular dermal matrix graft and bioactive glass: a case report. <i>Implant Dentistry</i> , <b>2002</b> , 11, 343-8	2.4	28
1	Histomorphometric analysis of the bone-implant contact obtained with 4 different implant surface treatments placed side by side in the dog mandible. <i>International Journal of Oral and Maxillofacial Implants</i> , <b>2002</b> , 17, 377-83	2.8	60