

Leonardo Trombelli

List of Publications by Year in descending order

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115
papers

6,695
citations

53660

45
h-index

69108

77
g-index

118
all docs

118
docs citations

118
times ranked

4689
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of stage III periodontitis The EFP S3 level clinical practice guideline. Journal of Clinical Periodontology, 2020, 47, 4-60.	2.3	621
2	A systematic review of the effect of surgical debridement vs. non-surgical debridement for the treatment of chronic periodontitis. Journal of Clinical Periodontology, 2002, 29, 92-102.	2.3	334
3	Modeling and remodeling of human extraction sockets. Journal of Clinical Periodontology, 2008, 35, 630-639.	2.3	270
4	A systematic review of graft materials and biological agents for periodontal intraosseous defects. Journal of Clinical Periodontology, 2002, 29, 117-135.	2.3	198
5	Twenty years of enamel matrix derivative: the past, the present and the future. Journal of Clinical Periodontology, 2016, 43, 668-683.	2.3	186
6	Periodontal repair in dogs: effect of rhBMP-2 concentration on regeneration of alveolar bone and periodontal attachment. Journal of Clinical Periodontology, 1999, 26, 392-400.	2.3	183
7	Plaque-induced gingivitis: Case definition and diagnostic considerations. Journal of Periodontology, 2018, 89, S46-S73.	1.7	181
8	Clinical outcomes with bioactive agents alone or in combination with grafting or guided tissue regeneration. Journal of Clinical Periodontology, 2008, 35, 117-135.	2.3	178
9	Retrospective analysis of factors related to clinical outcome of guided tissue regeneration procedures in intrabony defects. Journal of Clinical Periodontology, 1997, 24, 366-371.	2.3	165
10	Plaque-induced gingivitis: Case definition and diagnostic considerations. Journal of Clinical Periodontology, 2018, 45, S44-S67.	2.3	165
11	Dental caries and periodontal diseases in the ageing population: call to action to protect and enhance oral health and well-being as an essential component of healthy ageing Consensus report of group 4 of the joint EFP/ORCA workshop on the boundaries between caries and periodontal diseases. Journal of Clinical Periodontology, 2017, 44, S135-S144.	2.3	160
12	Retrospective study of tooth loss in 92 treated periodontal patients. Journal of Clinical Periodontology, 2002, 29, 651-656.	2.3	149
13	Modulation of clinical expression of plaque-induced gingivitis. II. Identification of "high-responder" and "low-responder" subjects. Journal of Clinical Periodontology, 2004, 31, 239-252.	2.3	123
14	Comparative analysis of tetracycline-containing dental gels: Poloxamer- and monoglyceride-based formulations. International Journal of Pharmaceutics, 1996, 142, 9-23.	2.6	110
15	Single Flap Approach With Buccal Access in Periodontal Reconstructive Procedures. Journal of Periodontology, 2009, 80, 353-360.	1.7	108
16	Healing response of gingival recession defects following guided tissue regeneration procedures in smokers and non-smokers. Journal of Clinical Periodontology, 1997, 24, 529-533.	2.3	100
17	Cigarette Smoking Negatively Affects Healing Response Following Flap Debridement Surgery. Journal of Periodontology, 2001, 72, 43-49.	1.7	100
18	Gingival Recession Treatment: Guided Tissue Regeneration With Bioabsorbable Membrane Versus Connective Tissue Graft. Journal of Periodontology, 2000, 71, 299-307.	1.7	99

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19	Single Flap Approach With and Without Guided Tissue Regeneration and a Hydroxyapatite Biomaterial in the Management of Intraosseous Periodontal Defects. <i>Journal of Periodontology</i> , 2010, 81, 1256-1263.	1.7	96
20	Healing Response of Human Buccal Gingival Recessions Treated With Expanded Polytetrafluoroethylene Membranes. A Retrospective Report. <i>Journal of Periodontology</i> , 1995, 66, 14-22.	1.7	88
21	Which reconstructive procedures are effective for treating the periodontal intraosseous defect?. <i>Periodontology</i> 2000, 2005, 37, 88-105.	6.3	85
22	Subpedicle Connective Tissue Graft Versus Guided Tissue Regeneration With Bioabsorbable Membrane in the Treatment of Human Gingival Recession Defects. <i>Journal of Periodontology</i> , 1998, 69, 1271-1277.	1.7	84
23	Modulation of clinical expression of plaque-induced gingivitis. I. Background review and rationale. <i>Journal of Clinical Periodontology</i> , 2004, 31, 229-238.	2.3	81
24	Effect of professional mechanical plaque removal performed on a long-term, routine basis in the secondary prevention of periodontitis: a systematic review. <i>Journal of Clinical Periodontology</i> , 2015, 42, S221-36.	2.3	77
25	A comparative study on the use of a HA/collagen/chondroitin sulphate biomaterial (BiostiteR) and a bovine-derived HA xenograft (Bio-OssR) in the treatment of deep intra-osseous defects. <i>Journal of Clinical Periodontology</i> , 2004, 31, 348-355.	2.3	75
26	Guided tissue regeneration in human gingival recessions. A 10-year follow-up study. <i>Journal of Clinical Periodontology</i> , 2005, 32, 16-20.	2.3	74
27	Validation of reported genetic risk factors for periodontitis in a large-scale replication study. <i>Journal of Clinical Periodontology</i> , 2013, 40, 563-572.	2.3	74
28	Healing patterns in calvarial bone defects following guided bone regeneration in rats. <i>Journal of Clinical Periodontology</i> , 2002, 29, 865-870.	2.3	71
29	Fibrin glue application in conjunction with tetracycline root conditioning and coronally positioned flap procedure in the treatment of human gingival recession defects. <i>Journal of Clinical Periodontology</i> , 1996, 23, 861-867.	2.3	68
30	Effect of professional mechanical plaque removal on secondary prevention of periodontitis and the complications of gingival and periodontal preventive measures. <i>Journal of Clinical Periodontology</i> , 2015, 42, S214-20.	2.3	67
31	Root Coverage Esthetic Score After Treatment of Gingival Recession: An Interrater Agreement Multicenter Study. <i>Journal of Periodontology</i> , 2010, 81, 1752-1758.	1.7	66
32	Effect of Autogenous Cortical Bone Particulate in Conjunction With Enamel Matrix Derivative in the Treatment of Periodontal Intraosseous Defects. <i>Journal of Periodontology</i> , 2007, 78, 231-238.	1.7	64
33	Effects of a Hydroxyapatite-based Biomaterial on Gene Expression in Osteoblast-like Cells. <i>Journal of Dental Research</i> , 2006, 85, 354-358.	2.5	63
34	Ridge dimensions of the edentulous posterior maxilla: a retrospective analysis of a cohort of 127 patients using computerized tomography data. <i>Clinical Oral Implants Research</i> , 2011, 22, 54-61.	1.9	60
35	Effects of Tetracycline HCl Conditioning and Fibrin-Fibronectin System Application in the Treatment of Buccal Gingival Recession With Guided Tissue Regeneration. <i>Journal of Periodontology</i> , 1995, 66, 313-320.	1.7	58
36	Soft tissues around long-term platform switching implant restorations: a histological human evaluation. Preliminary results. <i>Journal of Clinical Periodontology</i> , 2011, 38, 86-94.	2.3	57

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37	Periodontal repair in dogs: histologic observations of guided tissue regeneration with a prostaglandin E1 analog/methacrylate composite. <i>Journal of Clinical Periodontology</i> , 1999, 26, 381-387.	2.3	53
38	Alveolar ridge dimensions in maxillary posterior sextants: a retrospective comparative study of dentate and edentulous sites using computerized tomography data. <i>Clinical Oral Implants Research</i> , 2011, 22, 1138-1144.	1.9	53
39	Human herpesvirus 7, Epstein-Barr virus and human cytomegalovirus in periodontal tissues of periodontally diseased and healthy subjects. <i>Journal of Clinical Periodontology</i> , 2008, 35, 831-837.	2.3	52
40	Periodontal regeneration in gingival recession defects. <i>Periodontology</i> 2000, 1999, 19, 138-150.	6.3	49
41	Bleeding on probing around dental implants: a retrospective study of associated factors. <i>Journal of Clinical Periodontology</i> , 2017, 44, 115-122.	2.3	49
42	Adverse Effects Associated With a Bioabsorbable Guided Tissue Regeneration Device in the Treatment of Human Gingival Recession Defects. A Clinicopathologic Case Report. <i>Journal of Periodontology</i> , 1999, 70, 542-547.	1.7	48
43	Single-Flap Approach for Surgical Debridement of Deep Intraosseous Defects: A Randomized Controlled Trial. <i>Journal of Periodontology</i> , 2012, 83, 27-35.	1.7	48
44	Supracrestal soft tissue preservation with enamel matrix proteins in treatment of deep intrabony defects. <i>Journal of Clinical Periodontology</i> , 2002, 29, 433-439.	2.3	47
45	Minimally invasive transcrestal sinus floor elevation with deproteinized bovine bone or β -tricalcium phosphate: a multicenter, double-blind, randomized, controlled clinical trial. <i>Journal of Clinical Periodontology</i> , 2014, 41, 311-319.	2.3	47
46	Morbidity following transcrestal and lateral sinus floor elevation: A randomized trial. <i>Journal of Clinical Periodontology</i> , 2018, 45, 1128-1139.	2.3	43
47	The bleeding site: a multi-level analysis of associated factors. <i>Journal of Clinical Periodontology</i> , 2013, 40, 735-742.	2.3	42
48	An In Vitro Screening Model to Evaluate Root Conditioning Protocols for Periodontal Regenerative Procedures. <i>Journal of Periodontology</i> , 2000, 71, 1139-1143.	1.7	41
49	Intra- and Inter-Examiner Reproducibility in Keratinized Tissue Width Assessment With 3 Methods for Mucogingival Junction Determination. <i>Journal of Periodontology</i> , 2001, 72, 134-139.	1.7	39
50	Single versus double flap approach in periodontal regenerative treatment. <i>Journal of Clinical Periodontology</i> , 2015, 42, 557-566.	2.3	39
51	Modulation of clinical expression of plaque-induced gingivitis. III. Response of "high responders" and "low responders" to therapy. <i>Journal of Clinical Periodontology</i> , 2004, 31, 253-259.	2.3	38
52	Autogenous bone graft in conjunction with enamel matrix derivative in the treatment of deep periodontal intra-osseous defects: a report of 13 consecutively treated patients. <i>Journal of Clinical Periodontology</i> , 2006, 33, 69-75.	2.3	37
53	Modulation of Clinical Expression of Plaque-Induced Gingivitis: Interleukin-1 Gene Cluster Polymorphisms. <i>Journal of Periodontology</i> , 2005, 76, 49-56.	1.7	36
54	Transcrestal Sinus Floor Elevation With a Minimally Invasive Technique. <i>Journal of Periodontology</i> , 2010, 81, 158-166.	1.7	36

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55	Wound healing of extraction sockets. <i>Endodontic Topics</i> , 2011, 25, 16-43.	0.5	36
56	Minimally invasive transcrestal sinus floor elevation with graft biomaterials. A randomized clinical trial. <i>Clinical Oral Implants Research</i> , 2012, 23, 424-432.	1.9	36
57	Long-term stability of the mucogingival complex following guided tissue regeneration in gingival recession defects. <i>Journal of Clinical Periodontology</i> , 1998, 25, 1041-1046.	2.3	34
58	Early postoperative healing following buccal single flap approach to access intraosseous periodontal defects. <i>Clinical Oral Investigations</i> , 2013, 17, 1573-1583.	1.4	34
59	Plasma rich in growth factors in human extraction sockets: a radiographic and histomorphometric study on early bone deposition. <i>Clinical Oral Implants Research</i> , 2013, 24, 1360-1368.	1.9	34
60	Whole metagenomic shotgun sequencing of the subgingival microbiome of diabetics and non-diabetics with different periodontal conditions. <i>Archives of Oral Biology</i> , 2019, 104, 13-23.	0.8	34
61	Systemic contact dermatitis from an orthodontic appliance. <i>Contact Dermatitis</i> , 1992, 27, 259-259.	0.8	32
62	Linkage disequilibrium analysis of case-control data: an application to generalized aggressive periodontitis. <i>Genes and Immunity</i> , 2005, 6, 44-52.	2.2	32
63	Resorbable barrier and envelope flap surgery in the treatment of human gingival recession defects. Case reports. <i>Journal of Clinical Periodontology</i> , 1998, 25, 24-29.	2.3	31
64	Impaired healing response of periodontal furcation defects following flap debridement surgery in smokers. <i>Journal of Clinical Periodontology</i> , 2003, 30, 81-87.	2.3	31
65	Interleukin-1 β levels in gingival crevicular fluid and serum under naturally occurring and experimentally induced gingivitis. <i>Journal of Clinical Periodontology</i> , 2010, 37, 697-704.	2.3	30
66	Efficacy of alternative or additional methods to professional mechanical plaque removal during supportive periodontal therapy: A systematic review and meta-analysis. <i>Journal of Clinical Periodontology</i> , 2020, 47, 144-154.	2.3	29
67	Modulation of clinical expression of plaque-induced gingivitis: effects of personality traits, social support and stress. <i>Journal of Clinical Periodontology</i> , 2005, 32, 1143-1150.	2.3	28
68	Role of IL-6, TNF- α and LT- α variants in the modulation of the clinical expression of plaque-induced gingivitis. <i>Journal of Clinical Periodontology</i> , 2007, 34, 1031-1038.	2.3	27
69	Incremental, Transcrestal Sinus Floor Elevation With a Minimally Invasive Technique in the Rehabilitation of Severe Maxillary Atrophy. <i>Clinical and Histological Findings From a Proof-of-Concept Case Series. Journal of Oral and Maxillofacial Surgery</i> , 2015, 73, 861-888.	0.5	27
70	Efficacy of a 0.15% benzydamine hydrochloride and 0.05% cetylpyridinium chloride mouth rinse on 4-day de novo plaque formation. <i>Journal of Clinical Periodontology</i> , 2005, 32, 595-603.	2.3	26
71	A simplified composite outcome measure to assess the effect of periodontal regenerative treatment in intraosseous defects. <i>Journal of Periodontology</i> , 2020, 91, 723-731.	1.7	26
72	Adjunctive effect of chlorhexidine in ultrasonic instrumentation of aggressive periodontitis patients: a pilot study. <i>Journal of Clinical Periodontology</i> , 2008, 35, 333-341.	2.3	25

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73	Prognostic value of a simplified method for periodontal risk assessment during supportive periodontal therapy. <i>Journal of Clinical Periodontology</i> , 2017, 44, 51-57.	2.3	25
74	Postoperative Pain and Discomfort With and Without Periodontal Dressing in Conjunction With 0.2% Chlorhexidine Mouthwash After Apically Positioned Flap Procedure. <i>Journal of Periodontology</i> , 1993, 64, 1238-1242.	1.7	24
75	Effect of a Connective Tissue Graft in Combination With a Single Flap Approach in the Regenerative Treatment of Intraosseous Defects. <i>Journal of Periodontology</i> , 2017, 88, 348-356.	1.7	24
76	Age-related treatment response following non-surgical periodontal therapy. <i>Journal of Clinical Periodontology</i> , 2010, 37, 346-352.	2.3	23
77	Experimental gingivitis: reproducibility of plaque accumulation and gingival inflammation parameters in selected populations during a repeat trial. <i>Journal of Clinical Periodontology</i> , 2008, 35, 955-960.	2.3	22
78	Single-Flap Approach in Combination with Enamel Matrix Derivative in the Treatment of Periodontal Intraosseous Defects. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2014, 34, 497-506.	0.4	22
79	Change in the Gingival Margin Profile After the Single Flap Approach in Periodontal Intraosseous Defects. <i>Journal of Periodontology</i> , 2015, 86, 1038-1046.	1.7	22
80	Effect of dynamic three-dimensional culture on osteogenic potential of human periodontal ligament-derived mesenchymal stem cells entrapped in alginate microbeads. <i>Journal of Periodontal Research</i> , 2015, 50, 544-553.	1.4	22
81	Modulation of clinical expression of plaque-induced gingivitis: response in aggressive periodontitis subjects. <i>Journal of Clinical Periodontology</i> , 2006, 33, 79-85.	2.3	21
82	IL-1 Gene Cluster is Not Linked to Aggressive Periodontitis. <i>Journal of Dental Research</i> , 2010, 89, 457-461.	2.5	20
83	Gene-gene interaction among cytokine polymorphisms influence susceptibility to aggressive periodontitis. <i>Genes and Immunity</i> , 2011, 12, 473-480.	2.2	20
84	Radiographic outcomes of transcrestal sinus floor elevation performed with a minimally invasive technique in smoker and non-smoker patients. <i>Clinical Oral Implants Research</i> , 2014, 25, 493-499.	1.9	20
85	Evaluation of additional amine fluoride/stannous fluoride-containing mouthrinse during supportive therapy in patients with generalized aggressive periodontitis. A randomized, crossover, double-blind, controlled trial. <i>Journal of Clinical Periodontology</i> , 2004, 31, 742-748.	2.3	19
86	Time as a factor in the identification of subjects with different susceptibility to plaque-induced gingivitis. <i>Journal of Clinical Periodontology</i> , 2006, 33, 324-328.	2.3	19
87	The impact of graft remodeling on peri-implant bone support at implants placed concomitantly with transcrestal sinus floor elevation: A multicenter, retrospective case series. <i>Clinical Oral Implants Research</i> , 2020, 31, 105-120.	1.9	19
88	HHV-6, HHV-7, HHV-8 in gingival biopsies from chronic adult periodontitis patients. <i>Journal of Clinical Periodontology</i> , 2003, 30, 184-191.	2.3	18
89	Modulation of Clinical Expression of Plaque-induced Gingivitis: Effect of Incisor Crown Form. <i>Journal of Dental Research</i> , 2004, 83, 728-731.	2.5	18
90	Clinical Effect of Tetracycline Demineralization and Fibrin-Fibronectin Sealing System Application on Healing Response Following Flap Debridement Surgery. <i>Journal of Periodontology</i> , 1996, 67, 688-693.	1.7	17

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91	Adjunctive effect of a polylactide/polyglycolide copolymer in the treatment of deep periodontal intra-osseous defects: a randomized clinical trial. <i>Journal of Clinical Periodontology</i> , 2005, 32, 456-461.	2.3	16
92	Patient-reported outcomes of implant placement performed concomitantly with transcrestal sinus floor elevation or entirely in native bone. <i>Clinical Oral Implants Research</i> , 2017, 28, 156-162.	1.9	16
93	What periodontal recall interval is supported by evidence?. <i>Periodontology 2000</i> , 2020, 84, 124-133.	6.3	16
94	Clinical and microbiological effects of mechanical instrumentation and local antimicrobials during periodontal supportive therapy in aggressive periodontitis patients: smoker versus non-smoker patients. <i>Journal of Clinical Periodontology</i> , 2010, 37, 998-1004.	2.3	15
95	Simplified procedures to treat periodontal intraosseous defects in esthetic areas. <i>Periodontology 2000</i> , 2018, 77, 93-110.	6.3	15
96	Effect of pretreatment with ketorolac tromethamine on post-operative pain following periodontal surgery. <i>Journal of Clinical Periodontology</i> , 1996, 23, 128-132.	2.3	14
97	Effects of a fibrin-fibronectin sealing system on proliferation and type I collagen synthesis of human PDL fibroblasts in vitro. <i>Journal of Clinical Periodontology</i> , 1998, 25, 11-14.	2.3	14
98	Learning Curve of a Minimally Invasive Technique for Transcrestal Sinus Floor Elevation. <i>Implant Dentistry</i> , 2015, 24, 517-526.	1.7	14
99	Radiographic outcomes of transcrestal and lateral sinus floor elevation: One-year results of a bi-center, parallel-arm randomized trial. <i>Clinical Oral Implants Research</i> , 2019, 30, 910-919.	1.9	14
100	Orbital and Periorbital Emphysema Following Maxillary Sinus Floor Elevation: A Case Report and Literature Review. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 2192.e1-2192.e7.	0.5	12
101	Periodontal diseases: current and future indications for local antimicrobial therapy. <i>Oral Diseases</i> , 2003, 9, 11-15.	1.5	10
102	Alveolar ridge dimensions in mandibular posterior regions: a retrospective comparative study of dentate and edentulous sites using computerized tomography data. <i>Surgical and Radiologic Anatomy</i> , 2018, 40, 1419-1428.	0.6	10
103	Clinical efficacy of a chlorhexidine-based mouthrinse containing hyaluronic acid and an antidiscoloration system in patients undergoing flap surgery: A triple-blind, parallel-arm, randomized controlled trial. <i>International Journal of Dental Hygiene</i> , 2018, 16, 541-552.	0.8	10
104	Microbiological profile and calprotectin expression in naturally occurring and experimentally induced gingivitis. <i>Clinical Oral Investigations</i> , 2012, 16, 1475-1484.	1.4	8
105	Regenerative Periodontal Treatment with the Single Flap Approach in Smokers and Nonsmokers. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2018, 38, e59-e67.	0.4	8
106	Tooth loss in complying and non-complying periodontitis patients with different periodontal risk levels during supportive periodontal care. <i>Clinical Oral Investigations</i> , 2021, 25, 5897-5906.	1.4	8
107	Flap designs for periodontal healing. <i>Endodontic Topics</i> , 2011, 25, 4-15.	0.5	6
108	Osteoconductivity of Complex Biomaterials Assayed by Fluorescent-Engineered Osteoblast-like Cells. <i>Cell Biochemistry and Biophysics</i> , 2015, 71, 1509-1515.	0.9	6

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109	Single flap approach with or without enamel matrix derivative in the treatment of severe supraosseous defects: a retrospective study. <i>Clinical Oral Investigations</i> , 2021, 25, 6385-6392.	1.4	6
110	Implant-supported rehabilitation following transcrestal and lateral sinus floor elevation: analysis of costs and quality of life from a bi-center, parallel-arm randomized trial. <i>Minerva Dental and Oral Science</i> , 2021, , .	0.5	4
111	Implementation of Patient-Based Risk Assessment in Practice. , 2020, , 203-223.		3
112	Plasma rich in growth factors had limited effect on early bone formation in extraction sockets. <i>Clinical Oral Implants Research</i> , 2014, 25, 1189-1191.	1.9	2
113	Peri-implant tissue conditions following transcrestal and lateral sinus floor elevation: 3-year results of a bi-center, randomized trial. <i>Clinical Oral Investigations</i> , 2022, 26, 3975-3986.	1.4	2
114	Effect of Topical Application of a Fibrin-Fibronectin Sealing System on Healing Response Following Periodontal Surgical Procedures. <i>Clinical Drug Investigation</i> , 1997, 14, 268-275.	1.1	0
115	Leonardo Trombelli, DDS, PHD, Professor and Chair of Periodontology & Implantology, School of Dentistry, University of Ferrara, Ferrara, Italy. <i>Endodontic Topics</i> , 2011, 25, 105-105.	0.5	0