William V Giannobile

List of Publications by Year
in descending order

246 papers	19,281 citations	7069 78 h-index	13727 129 g-index
255 all docs	255 docs citations	255 times ranked	14439 citing authors

#	Article	IF	Citations
1	Periodontitis: Consensus report of workgroup 2 of the 2017 World Workshop on the Classification of Periodontal and Periâ€Implant Diseases and Conditions. Journal of Periodontology, 2018, 89, S173-S182.	1.7	1,322
2	Periodontitis: Consensus report of workgroup 2 of the 2017 World Workshop on the Classification of Periodontal and Periâ€Implant Diseases and Conditions. Journal of Clinical Periodontology, 2018, 45, S162-S170.	2.3	673
3	Tetracyclines Inhibit Connective Tissue Breakdown by Multiple Non-Antimicrobial Mechanisms. Advances in Dental Research, 1998, 12, 12-26.	3.6	588
4	Platelet-Derived Growth Factor Stimulates Bone Fill and Rate of Attachment Level Gain: Results of a Large Multicenter Randomized Controlled Trial. Journal of Periodontology, 2005, 76, 2205-2215.	1.7	424
5	A Phase I/II Clinical Trial to Evaluate a Combination of Recombinant Human Plateletâ€Derived Growth Factorâ€BB and Recombinant Human Insulinâ€Like Growth Factorâ€I in Patients with Periodontal Disease. Journal of Periodontology, 1997, 68, 1186-1193.	1.7	360
6	Microfluidic immunoassays as rapid saliva-based clinical diagnostics. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5268-5273.	3.3	351
7	The Intermucosal Connection between the Mouth and Gut in Commensal Pathobiont-Driven Colitis. Cell, 2020, 182, 447-462.e14.	13.5	314
8	Craniofacial Tissue Engineering by Stem Cells. Journal of Dental Research, 2006, 85, 966-979.	2.5	308
9	Identification of Pathogen and Hostâ€Response Markers Correlated With Periodontal Disease. Journal of Periodontology, 2009, 80, 436-446.	1.7	302
10	Saliva as a diagnostic tool for periodontal disease: current state and future directions. Periodontology 2000, 2009, 50, 52-64.	6.3	282
11	The enhancement of osteogenesis by nano-fibrous scaffolds incorporating rhBMP-7 nanospheres. Biomaterials, 2007, 28, 2087-2096.	5.7	262
12	Periodontal tissue engineering by growth factors. Bone, 1996, 19, S23-S37.	1.4	240
13	Teriparatide and Osseous Regeneration in the Oral Cavity. New England Journal of Medicine, 2010, 363, 2396-2405.	13.9	224
14	3D-printed Bioresorbable Scaffold for Periodontal Repair. Journal of Dental Research, 2015, 94, 153S-157S.	2.5	221
15	Current concepts in periodontal bioengineering. Orthodontics and Craniofacial Research, 2005, 8, 292-302.	1.2	217
16	Comparative effects of plateletderived growth factor-BB and insulin-like growth factor-I, individually and in combination, on periodontal regeneration in Macaca fascicularis. Journal of Periodontal Research, 1996, 31, 301-312.	1.4	210
17	Nano-fibrous scaffold for controlled delivery of recombinant human PDGF-BB. Journal of Controlled Release, 2006, 112, 103-110.	4.8	208
18	Recombinant Human Osteogenic Proteinâ€1 (OPâ€1) Stimulates Periodontal Wound Healing in Class III Furcation Defects. Journal of Periodontology, 1998, 69, 129-137.	1.7	207

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19	Tissue engineering bone-ligament complexes using fiber-guiding scaffolds. Biomaterials, 2012, 33, 137-145.	5.7	207
20	Diagnostic Biomarkers for Oral and Periodontal Diseases. Dental Clinics of North America, 2005, 49, 551-571.	0.8	206
21	Treatment of Periodontitis by Local Administration of Minocycline Microspheres: A Controlled Trial. Journal of Periodontology, 2001, 72, 1535-1544.	1.7	197
22	Comparison of Canine and Nonâ€Human Primate Animal Models for Periodontal Regenerative Therapy: Results Following a Single Administration of PDGF/IGFâ€I. Journal of Periodontology, 1994, 65, 1158-1168.	1.7	196
23	Regenerative Medicine for Periodontal and Peri-implant Diseases. Journal of Dental Research, 2016, 95, 255-266.	2.5	194
24	Periostin Is Essential for the Integrity and Function of the Periodontal Ligament During Occlusal Loading in Mice. Journal of Periodontology, 2008, 79, 1480-1490.	1.7	193
25	Biomimetic hybrid scaffolds for engineering human tooth-ligament interfaces. Biomaterials, 2010, 31, 5945-5952.	5.7	185
26	Molecular and cell biology of cementum. Periodontology 2000, 2000, 24, 73-98.	6.3	181
27	Three-Dimensional Micro-Computed Tomographic Imaging of Alveolar Bone in Experimental Bone Loss or Repair. Journal of Periodontology, 2007, 78, 273-281.	1.7	181
28	Saliva/Pathogen Biomarker Signatures and Periodontal Disease Progression. Journal of Dental Research, 2011, 90, 752-758.	2.5	168
29	Tissue engineering for bone regeneration and osseointegration in the oral cavity. Dental Materials, 2015, 31, 317-338.	1.6	167
30	Gene Therapy of Bone Morphogenetic Protein for Periodontal Tissue Engineering. Journal of Periodontology, 2003, 74, 202-213.	1.7	165
31	Growth factor delivery for oral and periodontal tissue engineering. Expert Opinion on Drug Delivery, 2006, 3, 647-662.	2.4	165
32	Crevicular fluid biomarkers and periodontal disease progression. Journal of Clinical Periodontology, 2014, 41, 113-120.	2.3	165
33	Growth and Amelogenin-Like Factors in Periodontal Wound Healing. A Systematic Review. , 2003, 8, 193-204.		163
34	Stem Cell Therapy for Craniofacial Bone Regeneration: A Randomized, Controlled Feasibility Trial. Cell Transplantation, 2013, 22, 767-777.	1.2	163
35	Oral Fluid-Based Biomarkers of Alveolar Bone Loss in Periodontitis. Annals of the New York Academy of Sciences, 2007, 1098, 230-251.	1.8	162
36	Engineering of Tooth-Supporting Structures by Delivery of PDGF Gene Therapy Vectors. Molecular Therapy, 2004, 9, 519-526.	3.7	160

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37	RANKL Inhibition Through Osteoprotegerin Blocks Bone Loss in Experimental Periodontitis. Journal of Periodontology, 2007, 78, 1300-1308.	1.7	159
38	Platelet-derived growth factor applications in periodontal and peri-implant bone regeneration. Expert Opinion on Biological Therapy, 2011, 11, 375-385.	1.4	149
39	Novel host response therapeutic approaches to treat periodontal diseases. Periodontology 2000, 2007, 43, 294-315.	6.3	145
40	BMP gene delivery for alveolar bone engineering at dental implant defects. Molecular Therapy, 2005, 11, 294-299.	3.7	142
41	Is Metal Particle Release Associated with Peri-implant Bone Destruction? An Emerging Concept. Journal of Dental Research, 2018, 97, 259-265.	2.5	142
42	Hostâ€Response Therapeutics for Periodontal Diseases. Journal of Periodontology, 2008, 79, 1592-1600.	1.7	131
43	Autogenous soft tissue grafting for periodontal and periâ€implant plastic surgical reconstruction. Journal of Periodontology, 2020, 91, 9-16.	1.7	131
44	Advanced reconstructive technologies for periodontal tissue repair. Periodontology 2000, 2012, 59, 185-202.	6.3	130
45	Comparative analysis of collagen membranes for the treatment of implant dehiscence defects. Clinical Oral Implants Research, 2003, 14, 80-90.	1.9	128
46	Periâ€implant soft tissue phenotype modification and its impact on periâ€implant health: A systematic review and network metaâ€analysis. Journal of Periodontology, 2021, 92, 21-44.	1.7	128
47	Postextraction Alveolar Ridge Preservation: Biological Basis and Treatments. International Journal of Dentistry, 2012, 2012, 1-13.	0.5	126
48	Patient Stratification for Preventive Care in Dentistry. Journal of Dental Research, 2013, 92, 694-701.	2.5	122
49	Novel antibacterial nanofibrous PLLA scaffolds. Journal of Controlled Release, 2010, 146, 363-369.	4.8	121
50	Plateletâ€Derived Growth Factor Promotes Periodontal Regeneration in Localized Osseous Defects: 36â€Month Extension Results From a Randomized, Controlled, Doubleâ€Masked Clinical Trial. Journal of Periodontology, 2013, 84, 456-464.	1.7	121
51	The Impact of Vitamin D Status on Periodontal Surgery Outcomes. Journal of Dental Research, 2011, 90, 1007-1012.	2.5	118
52	Cellâ€•and Geneâ€Based Therapeutic Strategies for Periodontal Regenerative Medicine. Journal of Periodontology, 2011, 82, 1223-1237.	1.7	116
53	Pre-clinical Models for Oral and Periodontal Reconstructive Therapies. Journal of Dental Research, 2009, 88, 1065-1076.	2.5	114
54	Actinobacillus actinomycetemcomitansLipopolysaccharide-Mediated Experimental Bone Loss Model for Aggressive Periodontitis. Journal of Periodontology, 2007, 78, 550-558.	1.7	110

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55	The Effect of Platelet-Rich Plasma on the Coronally Advanced Flap Root Coverage Procedure: A Pilot Human Trial. Journal of Periodontology, 2005, 76, 1768-1777.	1.7	109
56	Induction of Bone Loss by Pathobiont-Mediated Nod1 Signaling in the Oral Cavity. Cell Host and Microbe, 2013, 13, 595-601.	5.1	108
57	Platelet-Derived Growth Factor (PDGF) Gene Delivery for Application in Periodontal Tissue Engineering. Journal of Periodontology, 2001, 72, 815-823.	1.7	103
58	Cementoblast Delivery for Periodontal Tissue Engineering. Journal of Periodontology, 2004, 75, 154-161.	1.7	101
59	Bone Marrow Stromal Stem Cells in Tissue Engineering and Regenerative Medicine. Hormone and Metabolic Research, 2016, 48, 700-713.	0.7	101
60	Porphyromonas gingivalis oral infection exacerbates the development and severity of collagen-induced arthritis. Arthritis Research and Therapy, 2013, 15, R186.	1.6	100
61	Clinical Response of Azithromycin as an Adjunct to Non-Surgical Periodontal Therapy in Smokers. Journal of Periodontology, 2005, 76, 426-436.	1.7	98
62	Epigenetic Modifications of Histones in Periodontal Disease. Journal of Dental Research, 2016, 95, 215-222.	2.5	97
63	Image-Based, Fiber Guiding Scaffolds: A Platform for Regenerating Tissue Interfaces. Tissue Engineering - Part C: Methods, 2014, 20, 533-542.	1.1	96
64	Tissue Engineered Constructs for Periodontal Regeneration: Current Status and Future Perspectives. Advanced Healthcare Materials, 2018, 7, e1800457.	3.9	96
65	Crevicular fluid osteocalcin and pyridinoline cross-linked carboxyterminal telopeptide of type I collagen (ICTP) as markers of rapid bone turnover in periodontitis. A pilot study in beagle dogs. Journal of Clinical Periodontology, 1995, 22, 903-910.	2.3	95
66	Integration of 3D Printed and Micropatterned Polycaprolactone Scaffolds for Guidance of Oriented Collagenous Tissue Formation In Vivo. Advanced Healthcare Materials, 2016, 5, 676-687.	3.9	95
67	Extracellular matrixâ€based scaffolding technologies for periodontal and periâ€implant soft tissue regeneration. Journal of Periodontology, 2020, 91, 17-25.	1.7	94
68	Evaluation of functional dynamics during osseointegration and regeneration associated with oral implants. Clinical Oral Implants Research, 2010, 21, 1-12.	1.9	92
69	3D-Printed Scaffolds and Biomaterials: Review of Alveolar Bone Augmentation and Periodontal Regeneration Applications. International Journal of Dentistry, 2016, 2016, 1-15.	0.5	90
70	Effect of rhPDGF-BB on bone turnover during periodontal repair. Journal of Clinical Periodontology, 2006, 33, 135-140.	2.3	89
71	Evidenceâ€based knowledge on the aesthetics and maintenance of periâ€implant soft tissues: Osteology Foundation Consensus Report Part 1â€"Effects of soft tissue augmentation procedures on the maintenance of periâ€implant soft tissue health. Clinical Oral Implants Research, 2018, 29, 7-10.	1.9	88
72	Sclerostin antibody stimulates bone regeneration after experimental periodontitis. Journal of Bone and Mineral Research, 2013, 28, 2347-2356.	3.1	87

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73	Local delivery of osteoprotegerin inhibits mechanically mediated bone modeling in orthodontic tooth movement. Bone, 2007, 41, 446-455.	1.4	86
74	Adenovirus Encoding Human Platelet-Derived Growth Factor-B Delivered to Alveolar Bone Defects Exhibits Safety and Biodistribution Profiles Favorable for Clinical Use. Human Gene Therapy, 2009, 20, 486-496.	1.4	86
75	Epigenetics and Its Role in Periodontal Diseases: A Stateâ€ofâ€theâ€Art Review. Journal of Periodontology, 2015, 86, 556-568.	1.7	86
76	Gene Therapeutics for Periodontal Regenerative Medicine. Dental Clinics of North America, 2006, 50, 245-263.	0.8	84
77	Growth Factor Delivery to Re-Engineer Periodontal Tissues. Current Pharmaceutical Biotechnology, 2002, 3, 129-139.	0.9	84
78	Growth Factors Regulate Expression of Mineral Associated Genes in Cementoblasts. Journal of Periodontology, 2000, 71, 1591-1600.	1.7	83
79	Gingival phenotype modification therapies on natural teeth: A network metaâ€analysis. Journal of Periodontology, 2020, 91, 1386-1399.	1.7	83
80	Matrix molecules and growth factors as indicators of periodontal disease activity. Periodontology 2000, 2003, 31, 125-134.	6.3	82
81	Effect of rhPDGF-BB Delivery on Mediators of Periodontal Wound Repair. Tissue Engineering, 2006, 12, 1441-1450.	4.9	80
82	Bone repair cells for craniofacial regeneration. Advanced Drug Delivery Reviews, 2012, 64, 1310-1319.	6.6	80
83	3D osteoarthritic changes in TMJ condylar morphology correlates with specific systemic and local biomarkers of disease. Osteoarthritis and Cartilage, 2014, 22, 1657-1667.	0.6	80
84	Gene Expression Dynamics During Bone Healing and Osseointegration. Journal of Periodontology, 2011, 82, 1007-1017.	1.7	79
85	Nanofibrous Scaffolds Incorporating PDGF-BB Microspheres Induce Chemokine Expression and Tissue Neogenesis In Vivo. PLoS ONE, 2008, 3, e1729.	1.1	77
86	Bone Engineering of Maxillary Sinus Bone Deficiencies Using Enriched CD90+ Stem Cell Therapy: A Randomized Clinical Trial. Journal of Bone and Mineral Research, 2015, 30, 1206-1216.	3.1	76
87	Translational and Clinical Applications of Salivary Diagnostics. Advances in Dental Research, 2011, 23, 375-380.	3.6	75
88	Protein biomarkers and microbial profiles in periâ€implantitis. Clinical Oral Implants Research, 2016, 27, 1129-1136.	1.9	75
89	Biology of soft tissue wound healing and regeneration â€“ Consensus Report of Group 1 of the 10th European Workshop on Periodontology. Journal of Clinical Periodontology, 2014, 41, S1-5.	2.3	73
90	Modifiedâ€Release Subantimicrobial Dose Doxycycline Enhances Scaling and Root Planing in Subjects With Periodontal Disease. Journal of Periodontology, 2008, 79, 440-452.	1.7	72

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91	Characterization of macrophage polarization in periodontal disease. Journal of Clinical Periodontology, 2019, 46, 830-839.	2.3	70
92	Cementum engineering with three-dimensional polymer scaffolds. Journal of Biomedical Materials Research Part B, 2003, 67A, 54-60.	3.0	69
93	Integrated Microfluidic Platform for Oral Diagnostics. Annals of the New York Academy of Sciences, 2007, 1098, 362-374.	1.8	69
94	Salivary diagnostics for periodontal diseases. Journal of the American Dental Association, 2012, 143, 6S-11S.	0.7	69
95	Are Dental Implants a Panacea or Should We Better Strive to Save Teeth?. Journal of Dental Research, 2016, 95, 5-6.	2.5	69
96	Effect of Non-Surgical Periodontal Therapy on C-Telopeptide Pyridinoline Cross-Links (ICTP) and Interleukin-1 Levels. Journal of Periodontology, 2001, 72, 1045-1051.	1.7	68
97	Reconstructive Procedures for Treating Peri-implantitis. Journal of Dental Research, 2013, 92, 131S-138S.	2.5	67
98	A Randomized Clinical Trial Evaluating rh-FGF-2/Î²-TCP in Periodontal Defects. Journal of Dental Research, 2016, 95, 523-530.	2.5	67
99	The Impact of Primary Hyperparathyroidism on the Oral Cavity. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 3439-3445.	1.8	65
100	Bacterial and Salivary Biomarkers Predict the Gingival Inflammatory Profile. Journal of Periodontology, 2012, 83, 79-89.	1.7	62
101	Effect of Locally Delivered Minocycline Microspheres on Markers of Bone Resorption. Journal of Periodontology, 2002, 73, 835-842.	1.7	60
102	Platelet-Derived Growth Factor Gene Delivery Stimulatesex VivoGingival Repair. Tissue Engineering, 2003, 9, 745-756.	4.9	59
103	Living Cellular Construct for Increasing the Width of Keratinized Gingiva: Results From a Randomized, Withinâ€Patient, Controlled Trial. Journal of Periodontology, 2011, 82, 1414-1423.	1.7	59
104	Effect of Sustained Gene Delivery of Platelet-Derived Growth Factor or Its Antagonist (PDGF-1308) on Tissue-Engineered Cementum. Journal of Periodontology, 2004, 75, 429-440.	1.7	58
105	Proâ€inflammatory biomarkers during experimental gingivitis in patients with type 1 diabetes mellitus: a proofâ€ofâ€concept study. Journal of Clinical Periodontology, 2010, 37, 9-16.	2.3	58
106	Angiogenic and Osteogenic Potential of Bone Repair Cells for Craniofacial Regeneration. Tissue Engineering - Part A, 2010, 16, 2809-2820.	1.6	57
107	Wound models for periodontal and bone regeneration: the role of biologic research. Periodontology 2000, 2015, 68, 7-20.	6.3	57
108	Gene Transfer and Expression of Platelet-derived Growth Factors Modulate Periodontal Cellular Activity. Journal of Dental Research, 2001, 80, 892-897.	2.5	56

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109	Angiogenic Biomarkers and Healing of Living Cellular Constructs. Journal of Dental Research, 2011, 90, 456-462.	2.5	55
110	Spatiotemporally Controlled Microchannels of Periodontal Mimic Scaffolds. Journal of Dental Research, 2014, 93, 1304-1312.	2.5	54
111	Nonâ€ionizing realâ€time ultrasonography in implant and oral surgery: A feasibility study. Clinical Oral Implants Research, 2017, 28, 341-347.	1.9	54
112	Effect of Systemic Matrix Metalloproteinase Inhibition on Periodontal Wound Repair: A Proof of Concept Trial. Journal of Periodontology, 2004, 75, 441-452.	1.7	52
113	Effect of Adjunctive Systemic Azithromycin With Periodontal Surgery in the Treatment of Chronic Periodontitis in Smokers: A Pilot Study. Journal of Periodontology, 2007, 78, 1887-1896.	1.7	51
114	Stromalâ€Derived Factorâ€1Î± (CXCL12) Levels Increase in Periodontal Disease. Journal of Periodontology, 2008, 79, 845-853.	1.7	50
115	The stimulation of adipose-derived stem cell differentiation and mineralization by ordered rod-like fluorapatite coatings. Biomaterials, 2012, 33, 5036-5046.	5.7	50
116	The Multi-Center Randomized Controlled Trial (RCT) Published by the Journal of the American Medical Association (JAMA) on the Effect of Periodontal Therapy on Glycated Hemoglobin (HbA1c) Has Fundamental Problems. Journal of Evidence-based Dental Practice, 2014, 14, 127-132.	0.7	50
117	Macrophages: The Bridge between Inflammation Resolution and Tissue Repair?. Journal of Dental Research, 2018, 97, 1079-1081.	2.5	48
118	Characterization of macrophages infiltrating periâ€implantitis lesions. Clinical Oral Implants Research, 2020, 31, 274-281.	1.9	47
119	Systemic MMP inhibition for periodontal wound repair: results of a multiâ€centre randomizedâ€controlled clinical trial. Journal of Clinical Periodontology, 2009, 36, 149-156.	2.3	46
120	Outcomes of regenerative treatment with rh<scp>PDGF</scp>â€<scp>BB</scp> and rh<scp>FGF</scp>â€2 for periodontal intraâ€bony defects: a systematic review and metaâ€analysis. Journal of Clinical Periodontology, 2015, 42, 272-280.	2.3	46
121	Titanium Activates the DNA Damage Response Pathway in Oral Epithelial Cells: A Pilot Study. International Journal of Oral and Maxillofacial Implants, 2017, 32, 1413-1420.	0.6	46
122	Relationship between C-telopeptide pyridinoline cross-links (ICTP) and putative periodontal pathogens in periodontitis. Journal of Clinical Periodontology, 1998, 25, 865-871.	2.3	45
123	C-Telopeptide Pyridinoline Cross-Links: Sensitive Indicators of Periodontal Tissue Destruction. Annals of the New York Academy of Sciences, 1999, 878, 404-412.	1.8	43
124	Comparative Histologic Analysis of Coronally Advanced Flap With and Without Collagen Membrane for Root Coverage. Journal of Periodontology, 2002, 73, 779-788.	1.7	42
125	Periostin is Down-regulated during Periodontal Inflammation. Journal of Dental Research, 2012, 91, 1078-1084.	2.5	42
126	Surgical periodontal therapy with and without initial scaling and root planing in the management of chronic periodontitis: a randomized clinical trial. Journal of Clinical Periodontology, 2014, 41, 693-700.	2.3	42

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127	Non-coordinate Control of Bone Formation Displayed by Growth Factor Combinations with IGF-I. Journal of Dental Research, 1997, 76, 1569-1578.	2.5	41
128	TLR4, NOD1 and NOD2 mediate immune recognition of putative newly identified periodontal pathogens. Molecular Oral Microbiology, 2016, 31, 243-258.	1.3	40
129	Quo vadis: what is the future of periodontics? How will we get there?. Periodontology 2000, 2017, 75, 353-371.	6.3	40
130	Micropatterned Scaffolds with Immobilized Growth Factor Genes Regenerate Bone and Periodontal Ligamentâ€Like Tissues. Advanced Healthcare Materials, 2018, 7, e1800750.	3.9	40
131	Recombinant Human Plateletâ€"Derived Growth Factor: A Systematic Review of Clinical Findings in Oral Regenerative Procedures. JDR Clinical and Translational Research, 2021, 6, 161-173.	1.1	38
132	Ultrasonographic tissue perfusion analysis at implant and palatal donor sites following soft tissue augmentation: A clinical pilot study. Journal of Clinical Periodontology, 2021, 48, 602-614.	2.3	37
133	Non-invasive evaluation of facial crestal bone with ultrasonography. PLoS ONE, 2017, 12, e0171237.	1.1	37
134	A New Definition for Oral Health: Implications for Clinical Practice, Policy, and Research. Journal of Dental Research, 2017, 96, 125-127.	2.5	36
135	Maresin 1 Promotes Wound Healing and Socket Bone Regeneration for Alveolar Ridge Preservation. Journal of Dental Research, 2020, 99, 930-937.	2.5	36
136	SDF-1 Enhances Wound Healing of Critical-Sized Calvarial Defects beyond Self-Repair Capacity. PLoS ONE, 2014, 9, e97035.	1.1	35
137	3D Printed, Microgroove Pattern-Driven Generation of Oriented Ligamentous Architectures. International Journal of Molecular Sciences, 2017, 18, 1927.	1.8	35
138	Clinical, microbiological, and salivary biomarker profiles of dental implant patients with type 2 diabetes. Clinical Oral Implants Research, 2014, 25, 803-812.	1.9	34
139	Cell-Based Therapies for Alveolar Bone and Periodontal Regeneration: Concise Review. Stem Cells Translational Medicine, 2019, 8, 1286-1295.	1.6	34
140	Novel Biomaterials and Technologies for the Dental, Oral, and Craniofacial Structures. Journal of Dental Research, 2014, 93, 1185-1186.	2.5	33
141	Effect of sustained PDGF nonviral gene delivery on repair of tooth-supporting bone defects. Gene Therapy, 2017, 24, 31-39.	2.3	33
142	Personalized scaffolding technologies for alveolar bone regenerative medicine. Orthodontics and Craniofacial Research, 2019, 22, 69-75.	1.2	32
143	Biologicsâ€based regenerative technologies for periodontal soft tissue engineering. Journal of Periodontology, 2020, 91, 147-154.	1.7	32
144	Regenerative Medicine Technologies to Treat Dental, Oral, and Craniofacial Defects. Frontiers in Bioengineering and Biotechnology, 2021, 9, 704048.	2.0	32

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145	Soft tissue phenotype modification predicts gingival margin longâ€term (10â€year) stability: Longitudinal analysis of six randomized clinical trials. Journal of Clinical Periodontology, 2022, 49, 672-683.	2.3	32
146	Treatment of Periodontal Disease in a Patient With Ehlers-Danlos Syndrome. A Case Report and Literature Review. Journal of Periodontology, 2002, 73, 564-570.	1.7	30
147	Noggin Gene Delivery Inhibits Cementoblast-Induced Mineralization. Connective Tissue Research, 2004, 45, 50-59.	1.1	29
148	Methods to Validate Tooth-Supporting Regenerative Therapies. Methods in Molecular Biology, 2012, 887, 135-148.	0.4	29
149	Commentary: Treatment of Periodontitis: Destroyed Periodontal Tissues Can Be Regenerated Under Certain Conditions. Journal of Periodontology, 2014, 85, 1151-1154.	1.7	29
150	Recombinant human bone morphogenetic protein 2 outcomes for maxillary sinus floor augmentation: a systematic review and metaâ€analysis. Clinical Oral Implants Research, 2016, 27, 1349-1359.	1.9	29
151	Personalized medicine enters dentistry. Journal of the American Dental Association, 2013, 144, 874-876.	0.7	28
152	When epigenetics meets bioengineeringâ€"A material characteristics and surface topography perspective. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 2065-2071.	1.6	28
153	Patterns of periodontal disease progression based on linear mixed models of clinical attachment loss. Journal of Clinical Periodontology, 2018, 45, 15-25.	2.3	27
154	Machine learning-assisted immune profiling stratifies peri-implantitis patients with unique microbial colonization and clinical outcomes. Theranostics, 2021, 11, 6703-6716.	4.6	27
155	Glycosaminoglycans and Periodontal Disease: Analysis of GCF by Safranin O. Journal of Periodontology, 1993, 64, 186-190.	1.7	26
156	Biosensor and Lab-on-a-chip Biomarker-identifying Technologies for Oral and Periodontal Diseases. Frontiers in Pharmacology, 2020, 11, 588480.	1.6	26
157	HMGB1 Localization during Experimental Periodontitis. Mediators of Inflammation, 2014, 2014, 1-10.	1.4	25
158	Serum Antibodies to Porphyromonas gingivalis Chaperone HtpG Predict Health in Periodontitis Susceptible Patients. PLoS ONE, 2008, 3, e1984.	1.1	25
159	LMP1 regulates periodontal ligament progenitor cell proliferation and differentiation. Bone, 2010, 47, 55-64.	1.4	24
160	Generation of Site-Appropriate Tissue by a Living Cellular Sheet in the Treatment of Mucogingival Defects. Journal of Periodontology, 2014, 85, e57-e64.	1.7	24
161	Evaluation of <scp>DNA</scp> methylation of inflammatory genes following treatment of chronic periodontitis: A pilot caseâ€"control study. Journal of Clinical Periodontology, 2017, 44, 905-914.	2.3	24
162	Adenoviral gene transfer of PDGF downregulatesgasgene product PDGFÎ±R and prolongs ERK and Akt/PKB activation. American Journal of Physiology - Cell Physiology, 2002, 282, C538-C544.	2.1	23

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163	Sclerostin antibody stimulates periodontal regeneration in large alveolar bone defects. Scientific Reports, 2020, 10, 16217.	1.6	23
164	Divergence of the systemic immune response following oral infection with distinct strains of <scp>P</scp>orphyromonas gingivalis. Molecular Oral Microbiology, 2012, 27, 483-495.	1.3	22
165	Modelling changes in clinical attachment loss to classify periodontal disease progression. Journal of Clinical Periodontology, 2016, 43, 426-434.	2.3	22
166	Repeated delivery of chlorhexidine chips for the treatment of periâ€implantitis: A multicenter, randomized, comparative clinical trial. Journal of Periodontology, 2021, 92, 11-20.	1.7	21
167	Salivary biomarkers for periodontal disease diagnostics. Expert Opinion on Medical Diagnostics, 2011, 5, 25-35.	1.6	20
168	Periodontal Health in Women With Earlyâ€Stage Postmenopausal Breast Cancer Newly on Aromatase Inhibitors: A Pilot Study. Journal of Periodontology, 2015, 86, 906-916.	1.7	20
169	Sclerostin-Neutralizing Antibody Enhances Bone Regeneration Around Oral Implants. Tissue Engineering - Part A, 2018, 24, 1672-1679.	1.6	20
170	Biologics and Cell Therapy Tissue Engineering Approaches for the Management of the Edentulous Maxilla: A Systematic Review. International Journal of Oral and Maxillofacial Implants, 2017, 31, s121-s164.	0.6	19
171	Getting to the Root of dental implant tissue engineering. Journal of Clinical Periodontology, 2010, 37, 747-749.	2.3	18
172	Investigational Clinical Research in Implant Dentistry. Journal of Dental Research, 2013, 92, 107S-108S.	2.5	18
173	Cell Population Kinetics of Collagen Scaffolds in Ex Vivo Oral Wound Repair. PLoS ONE, 2014, 9, e112680.	1.1	18
174	Local wound healing biomarkers for realâ€time assessment of periodontal regeneration: pilot study. Journal of Periodontal Research, 2017, 52, 388-396.	1.4	18
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