

Richard J Miron

List of Publications by Year in descending order

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149
papers

6,799
citations

76326

40
h-index

76900

74
g-index

155
all docs

155
docs citations

155
times ranked

5890
citing authors

#	ARTICLE	IF	CITATIONS
1	Combination of enamel matrix derivative and hyaluronic acid inhibits lipopolysaccharide-induced inflammatory response on human epithelial and bone cells. <i>Clinical Oral Investigations</i> , 2022, 26, 1773-1783.	3.0	5
2	Preparation, characterization and biological properties of a novel bone block composed of platelet rich fibrin and a deproteinized bovine bone mineral. <i>Fundamental Research</i> , 2022, 2, 321-328.	3.3	12
3	Cross-linked hyaluronic acid slows down collagen membrane resorption in diabetic rats through reducing the number of macrophages. <i>Clinical Oral Investigations</i> , 2022, 26, 2401-2411.	3.0	5
4	Extending the working properties of liquid platelet-rich fibrin using chemically modified PET tubes and the Bio-Cool device. <i>Clinical Oral Investigations</i> , 2022, 26, 2873-2878.	3.0	6
5	Nanoparticles Promote Bacterial Antibiotic Tolerance via Inducing Hyperosmotic Stress Response. <i>Small</i> , 2022, 18, e2105525.	10.0	8
6	The effect of resting and compression time post-centrifugation on the characteristics of platelet rich fibrin (PRF) membranes. <i>Clinical Oral Investigations</i> , 2022, , 1.	3.0	5
7	Fibrinogen Concentrations in Liquid PRF Using Various Centrifugation Protocols. <i>Molecules</i> , 2022, 27, 2043.	3.8	12
8	Comparison of the effects of platelet concentrates produced by high and low-speed centrifugation protocols on the healing of critical-size defects in rat calvaria: a microtomographic and histomorphometric study. <i>Platelets</i> , 2022, 33, 1175-1184.	2.3	4
9	Blood Clots versus PRF: Activating TGF- β 2 Signaling and Inhibiting Inflammation In Vitro. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5897.	4.1	6
10	Histological comparison of Platelet rich fibrin clots prepared by fixed-angle versus horizontal centrifugation. <i>Platelets</i> , 2021, 32, 413-419.	2.3	41
11	Biological characterization of an injectable platelet-rich fibrin mixture consisting of autologous albumin gel and liquid platelet-rich fibrin (Alb-PRF). <i>Platelets</i> , 2021, 32, 74-81.	2.3	56
12	Cell-Membrane-Display Nanotechnology. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001014.	7.6	25
13	Use of platelet-rich fibrin for the treatment of periodontal intrabony defects: a systematic review and meta-analysis. <i>Clinical Oral Investigations</i> , 2021, 25, 2461-2478.	3.0	80
14	Liquid PRF Reduces the Inflammatory Response and Osteoclastogenesis in Murine Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, 636427.	4.8	13
15	Platelet-Rich Fibrin Increases BMP2 Expression in Oral Fibroblasts via Activation of TGF- β 2 Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7935.	4.1	10
16	Effectiveness of Photodynamic Therapy in the Treatment of Periodontal and Peri-Implant Diseases. <i>Monographs in Oral Science</i> , 2021, 29, 133-143.	1.8	26
17	Platelet-Rich Fibrin Decreases the Inflammatory Response of Mesenchymal Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11333.	4.1	16
18	Structure, Barrier Function, and Bioactivity of Platelet-Rich Fibrin Following Thermal Processing. <i>Tissue Engineering - Part C: Methods</i> , 2021, 27, 605-615.	2.1	4

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19	Comparison of platelet-rich fibrin (PRF) produced using 3 commercially available centrifuges at both high (~700g) and low (~200g) relative centrifugation forces. <i>Clinical Oral Investigations</i> , 2020, 24, 1171-1182.	3.0	52
20	Anti-inflammatory effects of injectable platelet-rich fibrin via macrophages and dendritic cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 61-68.	4.0	54
21	Effects of argon plasma treatment on the osteoconductivity of bone grafting materials. <i>Clinical Oral Investigations</i> , 2020, 24, 2611-2623.	3.0	11
22	A novel method for harvesting concentrated platelet-rich fibrin (C-PRF) with a 10-fold increase in platelet and leukocyte yields. <i>Clinical Oral Investigations</i> , 2020, 24, 2819-2828.	3.0	45
23	Relative Centrifugal Force (RCF; G-Force) Affects the Distribution of TGF- β 2 in PRF Membranes Produced Using Horizontal Centrifugation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7629.	4.1	7
24	Antibacterial effects of platelet-rich fibrin produced by horizontal centrifugation. <i>International Journal of Oral Science</i> , 2020, 12, 32.	8.6	44
25	Liquid Platelet-Rich Fibrin and Heat-Coagulated Albumin Gel: Bioassays for TGF- β 2 Activity. <i>Materials</i> , 2020, 13, 3466.	2.9	16
26	Distribution and quantification of activated platelets in platelet-rich fibrin matrices. <i>Platelets</i> , 2020, 1-6.	2.3	8
27	Evaluation of 24 protocols for the production of platelet-rich fibrin. <i>BMC Oral Health</i> , 2020, 20, 310.	2.3	31
28	Improved growth factor delivery and cellular activity using concentrated platelet-rich fibrin (C-PRF) when compared with traditional injectable (i-PRF) protocols. <i>Clinical Oral Investigations</i> , 2020, 24, 4373-4383.	3.0	43
29	Autologous Versatile Vesicles Incorporated Biomimetic Extracellular Matrix Induces Biom mineralization. <i>Advanced Functional Materials</i> , 2020, 30, 2000015.	14.9	23
30	In Vitro Comparison of Macrophage Polarization and Osteoblast Differentiation Potentials between Granules and Block Forms of Deproteinized Bovine Bone Mineral. <i>Materials</i> , 2020, 13, 2682.	2.9	4
31	Platelet-Rich Fibrin Can Neutralize Hydrogen Peroxide-Induced Cell Death in Gingival Fibroblasts. <i>Antioxidants</i> , 2020, 9, 560.	5.1	16
32	Use of platelet-rich fibrin for the treatment of gingival recessions: a systematic review and meta-analysis. <i>Clinical Oral Investigations</i> , 2020, 24, 2543-2557.	3.0	49
33	Reply from authors: RE: Optimized platelet-rich fibrin with the low-speed concept: Growth factor release, biocompatibility, and cellular response. <i>Journal of Periodontology</i> , 2019, 90, 122-125.	3.4	13
34	Telomere length and genetic variations affecting telomere length as biomarkers for facial regeneration with platelet-rich fibrin based on the low-speed centrifugation concept. <i>Journal of Cosmetic Dermatology</i> , 2019, 18, 408-413.	1.6	9
35	Modulating macrophage polarization on titanium implant surface by poly(dopamine)-assisted immobilization of IL4. <i>Clinical Implant Dentistry and Related Research</i> , 2019, 21, 977-986.	3.7	19
36	Effect of Liquid Platelet-rich Fibrin and Platelet-rich Plasma on the Regenerative Potential of Dental Pulp Cells Cultured under Inflammatory Conditions: A Comparative Analysis. <i>Journal of Endodontics</i> , 2019, 45, 1000-1008.	3.1	30

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37	A novel method for evaluating and quantifying cell types in platelet rich fibrin and an introduction to horizontal centrifugation. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 2257-2271.	4.0	109
38	Effect of the degree of conversion of resin-based composites on cytotoxicity, cell attachment, and gene expression. <i>Dental Materials</i> , 2019, 35, 1173-1193.	3.5	35
39	Hyaluronic acid slows down collagen membrane degradation in uncontrolled diabetic rats. <i>Journal of Periodontal Research</i> , 2019, 54, 644-652.	2.7	19
40	Effect of enamel matrix derivative liquid in combination with a natural bone mineral on new bone formation in a rabbit GBR model. <i>Clinical Oral Implants Research</i> , 2019, 30, 542-549.	4.5	8
41	Fluid platelet-rich fibrin stimulates greater dermal skin fibroblast cell migration, proliferation, and collagen synthesis when compared to platelet-rich plasma. <i>Journal of Cosmetic Dermatology</i> , 2019, 18, 2004-2010.	1.6	46
42	Extracellular vesicles derived from the mid-to-late stage of osteoblast differentiation markedly enhance osteogenesis in vitro and in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 252-258.	2.1	43
43	A proposed mechanism for material-induced heterotopic ossification. <i>Materials Today</i> , 2019, 22, 132-141.	14.2	118
44	The interactions of dendritic cells with osteoblasts on titanium surfaces: an in vitro investigation. <i>Clinical Oral Investigations</i> , 2019, 23, 4133-4143.	3.0	10
45	Standardization of relative centrifugal forces in studies related to platelet-rich fibrin. <i>Journal of Periodontology</i> , 2019, 90, 817-820.	3.4	94
46	Adsorption and release kinetics of growth factors on barrier membranes for guided tissue/bone regeneration: A systematic review. <i>Archives of Oral Biology</i> , 2019, 100, 57-68.	1.8	43
47	HnRNPL inhibits the osteogenic differentiation of PDLCs stimulated by SrCl ₂ through repressing Setd2. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 2667-2677.	3.6	18
48	Biologization of Collagen-Based Biomaterials Using Liquid-Platelet-Rich Fibrin: New Insights into Clinically Applicable Tissue Engineering. <i>Materials</i> , 2019, 12, 3993.	2.9	35
49	The effect of age, gender, and time between blood draw and start of centrifugation on the size outcomes of platelet-rich fibrin (PRF) membranes. <i>Clinical Oral Investigations</i> , 2019, 23, 2179-2185.	3.0	46
50	Injectable-platelet rich fibrin using the low speed centrifugation concept improves cartilage regeneration when compared to platelet-rich plasma. <i>Platelets</i> , 2019, 30, 213-221.	2.3	60
51	A low-speed centrifugation concept leads to cell accumulation and vascularization of solid platelet-rich fibrin: an experimental study <i>in vivo</i> . <i>Platelets</i> , 2019, 30, 329-340.	2.3	51
52	Allogenic tooth transplantation using 3D printing: A case report and review of the literature. <i>World Journal of Clinical Cases</i> , 2019, 7, 2587-2596.	0.8	7
53	Superior bone-inducing potential of rhBMP9 compared to rhBMP2. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1561-1574.	4.0	19
54	Setd7 and its contribution to Boron-induced bone regeneration in Boron-mesoporous bioactive glass scaffolds. <i>Acta Biomaterialia</i> , 2018, 73, 522-530.	8.3	28

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55	Inorganic Self-Assembled Bioactive Artificial Proto-Osteocells Inducing Bone Regeneration. ACS Applied Materials & Interfaces, 2018, 10, 10718-10728.	8.0	14
56	Effects of an injectable platelet-rich fibrin on osteoblast behavior and bone tissue formation in comparison to platelet-rich plasma. Platelets, 2018, 29, 48-55.	2.3	157
57	The role of macrophage polarization on fibroblast behavior-an in vitro investigation on titanium surfaces. Clinical Oral Investigations, 2018, 22, 847-857.	3.0	21
58	Multinucleated Giant Cells: Good Guys or Bad Guys?. Tissue Engineering - Part B: Reviews, 2018, 24, 53-65.	4.8	100
59	Pretreated Macrophage Membrane-Coated Gold Nanocages for Precise Drug Delivery for Treatment of Bacterial Infections. Advanced Materials, 2018, 30, e1804023.	21.0	240
60	Recombinant human BMP9 (RhBMP9) in comparison with rhBMP2 for ridge augmentation following tooth extraction: An experimental study in the Beagle dog. Clinical Oral Implants Research, 2018, 29, 1050-1059.	4.5	15
61	EZH1 Is Associated with TCP-Induced Bone Regeneration through Macrophage Polarization. Stem Cells International, 2018, 2018, 1-10.	2.5	10
62	Autologous liquid platelet rich fibrin: A novel drug delivery system. Acta Biomaterialia, 2018, 75, 35-51.	8.3	85
63	Near-infrared light-triggered drug delivery system based on black phosphorus for in vivo bone regeneration. Biomaterials, 2018, 179, 164-174.	11.4	115
64	The Role of Mst1 in Lymphocyte Homeostasis and Function. Frontiers in Immunology, 2018, 9, 149.	4.8	16
65	Fifteen Years of Platelet Rich Fibrin in Dentistry and Oromaxillofacial Surgery: How High is the Level of Scientific Evidence?. Journal of Oral Implantology, 2018, 44, 471-492.	1.0	88
66	Collagen barrier membranes adsorb growth factors liberated from autogenous bone chips. Clinical Oral Implants Research, 2017, 28, 236-241.	4.5	41
67	Effect of hyaluronic acid on morphological changes to dentin surfaces and subsequent effect on periodontal ligament cell survival, attachment, and spreading. Clinical Oral Investigations, 2017, 21, 1013-1019.	3.0	19
68	Osteogenic gene array of osteoblasts cultured on a novel osteoinductive biphasic calcium phosphate bone grafting material. Clinical Oral Investigations, 2017, 21, 801-808.	3.0	12
69	Osteogenic potential of rhBMP9 combined with a bovine-derived natural bone mineral scaffold compared to rhBMP2. Clinical Oral Implants Research, 2017, 28, 381-387.	4.5	40
70	Osteogain improves osteoblast adhesion, proliferation and differentiation on a bovine-derived natural bone mineral. Clinical Oral Implants Research, 2017, 28, 327-333.	4.5	17
71	Injectable platelet rich fibrin (i-PRF): opportunities in regenerative dentistry?. Clinical Oral Investigations, 2017, 21, 2619-2627.	3.0	267
72	Comparison of the effects of recombinant human bone morphogenetic protein-2 and -9 on bone formation in rat calvarial critical-size defects. Clinical Oral Investigations, 2017, 21, 2671-2679.	3.0	31

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73	Response of human dental pulp cells to a silver-containing PLGA/TCP-nanofabric as a potential antibacterial regenerative pulp-capping material. <i>BMC Oral Health</i> , 2017, 17, 57.	2.3	16
74	Setd2 is associated with strontium-induced bone regeneration. <i>Acta Biomaterialia</i> , 2017, 53, 495-505.	8.3	27
75	In vitro effects of hyaluronic acid on human periodontal ligament cells. <i>BMC Oral Health</i> , 2017, 17, 44.	2.3	32
76	Guided bone regeneration with recombinant human bone morphogenetic protein 9 loaded on either deproteinized bovine bone mineral or a collagen barrier membrane. <i>Clinical Implant Dentistry and Related Research</i> , 2017, 19, 600-607.	3.7	21
77	Osteogain® loaded onto an absorbable collagen sponge induces attachment and osteoblast differentiation of ST2 cells in vitro. <i>Clinical Oral Investigations</i> , 2017, 21, 2265-2272.	3.0	9
78	Bone conditioned media (BCM) improves osteoblast adhesion and differentiation on collagen barrier membranes. <i>BMC Oral Health</i> , 2017, 17, 7.	2.3	12
79	In vitro evaluation of an injectable biphasic calcium phosphate (BCP) carrier system combined with recombinant human bone morphogenetic protein (rhBMP)-9. <i>Bio-Medical Materials and Engineering</i> , 2017, 28, 293-304.	0.6	6
80	Effect of recombinant human bone morphogenetic protein 9 (rhBMP9) loaded onto bone grafts versus barrier membranes on new bone formation in a rabbit calvarial defect model. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2655-2661.	4.0	22
81	Use of platelet-rich fibrin in regenerative dentistry: a systematic review. <i>Clinical Oral Investigations</i> , 2017, 21, 1913-1927.	3.0	288
82	Effects of platelet rich plasma (PRP) on human gingival fibroblast, osteoblast and periodontal ligament cell behaviour. <i>BMC Oral Health</i> , 2017, 17, 91.	2.3	24
83	Absorbable collagen sponges loaded with recombinant bone morphogenetic protein 9 induces greater osteoblast differentiation when compared to bone morphogenetic protein 2. <i>Clinical and Experimental Dental Research</i> , 2017, 3, 32-40.	1.9	19
84	Nanogel-based scaffolds fabricated for bone regeneration with mesoporous bioactive glass and strontium: <i>in vitro</i> and <i>in vivo</i> characterization. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 1175-1183.	4.0	33
85	Effects of EMD liquid (Osteogain) on periodontal healing in class III furcation defects in monkeys. <i>Journal of Clinical Periodontology</i> , 2017, 44, 298-307.	4.9	18
86	Reduction of the relative centrifugal force influences cell number and growth factor release within injectable PRF-based matrices. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 188.	3.6	91
87	Healing of two-wall intra-bony defects treated with a novel EMD liquid: A pre-clinical study in monkeys. <i>Journal of Clinical Periodontology</i> , 2017, 44, 1264-1273.	4.9	7
88	Temperature/pH-Sensitive Nanoantibiotics and Their Sequential Assembly for Optimal Collaborations between Antibacterial and Immunoregulation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 31589-31599.	8.0	20
89	In vitro effects of 0 to 120 Grays of irradiation on bone viability and release of growth factors. <i>BMC Oral Health</i> , 2017, 17, 4.	2.3	3
90	Effects of air polishing and an amino acid buffered hypochlorite solution to dentin surfaces and periodontal ligament cell survival, attachment, and spreading. <i>Clinical Oral Investigations</i> , 2017, 21, 1589-1598.	3.0	9

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91	Recombinant human bone morphogenetic protein (rhBMP)9 induces osteoblast differentiation when combined with demineralized freeze-dried bone allografts (DFDBAs) or biphasic calcium phosphate (BCP). <i>Clinical Oral Investigations</i> , 2017, 21, 1883-1893.	3.0	10
92	An in vitro study of fibrin sealant as a carrier system for recombinant human bone morphogenetic protein (rhBMP)9 for bone tissue engineering. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 27-32.	1.7	10
93	In vitro characterization of an osteoinductive biphasic calcium phosphate in combination with recombinant BMP2. <i>BMC Oral Health</i> , 2017, 17, 35.	2.3	15
94	Tcf12, A Member of Basic Helix-Loop-Helix Transcription Factors, Mediates Bone Marrow Mesenchymal Stem Cell Osteogenic Differentiation In Vitro and In Vivo. <i>Stem Cells</i> , 2017, 35, 386-397.	3.2	38
95	Optimized Platelet-Rich Fibrin With the Low-Speed Concept: Growth Factor Release, Biocompatibility, and Cellular Response. <i>Journal of Periodontology</i> , 2017, 88, 112-121.	3.4	284
96	Platelet-Rich Fibrin and Soft Tissue Wound Healing: A Systematic Review. <i>Tissue Engineering - Part B: Reviews</i> , 2017, 23, 83-99.	4.8	272
97	Growth factor delivery of BMP9 using a novel natural bovine bone graft with integrated atelocollagen type I: Biosynthesis, characterization, and cell behavior. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 408-418.	4.0	22
98	Osteogenic potential of recombinant human bone morphogenetic protein-9/absorbable collagen sponge (rhBMP-9/ACS) in rat critical size calvarial defects. <i>Clinical Oral Investigations</i> , 2017, 21, 1659-1665.	3.0	13
99	Behavior of Gingival Fibroblasts on Titanium Implant Surfaces in Combination with either Injectable-PRF or PRP. <i>International Journal of Molecular Sciences</i> , 2017, 18, 331.	4.1	84
100	Comparison of Two Porcine Collagen Membranes Combined with rhBMP-2 and rhBMP-9 on Osteoblast Behavior In Vitro. <i>International Journal of Oral and Maxillofacial Implants</i> , 2017, 32, e221-e230.	1.4	6
101	Risk Indicators and Prevention of Implant Soft-Tissue Complications: Interproximal Papillae Loss and Midfacial Implant Mucosal Recessions. <i>Compendium of Continuing Education in Dentistry (jamesburg, NJ)</i> ETQq1 1 @.7843143rgBT /O		
102	Hyaluronic Acid Gel-Based Scaffolds as Potential Carrier for Growth Factors: An In Vitro Bioassay on Its Osteogenic Potential. <i>Journal of Clinical Medicine</i> , 2016, 5, 112.	2.4	18
103	Twenty years of enamel matrix derivative: the past, the present and the future. <i>Journal of Clinical Periodontology</i> , 2016, 43, 668-683.	4.9	186
104	Influence of biphasic calcium phosphate surfaces coated with Enamel Matrix Derivative on vertical bone growth in an extraoral rabbit model. <i>Clinical Oral Implants Research</i> , 2016, 27, 1297-1304.	4.5	10
105	Collagen Membranes Adsorb the Transforming Growth Factor β 2 Receptor I Kinase-Dependent Activity of Enamel Matrix Derivative. <i>Journal of Periodontology</i> , 2016, 87, 583-590.	3.4	27
106	Giant cells around bone biomaterials: Osteoclasts or multi-nucleated giant cells?. <i>Acta Biomaterialia</i> , 2016, 46, 15-28.	8.3	95
107	Bone scaffolds loaded with siRNA-Semaphorin4d for the treatment of osteoporosis related bone defects. <i>Scientific Reports</i> , 2016, 6, 26925.	3.3	31
108	Platelet-derived growth factor BB gene-released scaffolds: biosynthesis and characterization. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, E372-E381.	2.7	11

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109	Addition of a Synthetically Fabricated Osteoinductive Biphasic Calcium Phosphate Bone Graft to <scp>BMP2</scp> Improves New Bone Formation. <i>Clinical Implant Dentistry and Related Research</i> , 2016, 18, 1238-1247.	3.7	30
110	Gene array of PDL cells exposed to Osteogain in combination with a bone grafting material. <i>Clinical Oral Investigations</i> , 2016, 20, 2037-2043.	3.0	6
111	Pre-coating deproteinized bovine bone mineral (DBBM) with bone-conditioned medium (BCM) improves osteoblast migration, adhesion, and differentiation in vitro. <i>Clinical Oral Investigations</i> , 2016, 20, 2507-2513.	3.0	8
112	Osteoinductive potential of a novel biphasic calcium phosphate bone graft in comparison with autographs, xenografts, and <scp>DFDBA</scp>. <i>Clinical Oral Implants Research</i> , 2016, 27, 668-675.	4.5	70
113	Comparative release of growth factors from PRP, PRF, and advanced-PRF. <i>Clinical Oral Investigations</i> , 2016, 20, 2353-2360.	3.0	448
114	Recombinant Human Bone Morphogenetic Protein 9 (rhBMP9) Induced Osteoblastic Behavior on a Collagen Membrane Compared With rhBMP2. <i>Journal of Periodontology</i> , 2016, 87, e101-e107.	3.4	35
115	Osteoinductive potential of 4 commonly employed bone grafts. <i>Clinical Oral Investigations</i> , 2016, 20, 2259-2265.	3.0	71
116	OsteoMacs: Key players around bone biomaterials. <i>Biomaterials</i> , 2016, 82, 1-19.	11.4	249
117	Effects of Antiseptic Solutions Commonly Used in Dentistry on Bone Viability, Bone Morphology, and Release of Growth Factors. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 247-254.	1.2	15
118	Effect of Enamel Matrix Derivative Liquid on Osteoblast and Periodontal Ligament Cell Proliferation and Differentiation. <i>Journal of Periodontology</i> , 2016, 87, 91-99.	3.4	26
119	Enamel matrix derivative improves gingival fibroblast cell behavior cultured on titanium surfaces. <i>Clinical Oral Investigations</i> , 2016, 20, 685-695.	3.0	16
120	Bone grafting material in combination with Osteogain for bone repair: a rat histomorphometric study. <i>Clinical Oral Investigations</i> , 2016, 20, 589-595.	3.0	26
121	Health, Maintenance, and Recovery of Soft Tissues around Implants. <i>Clinical Implant Dentistry and Related Research</i> , 2016, 18, 618-634.	3.7	90
122	Characterization of a shorter recombinant polypeptide chain of bone morphogenetic protein 2 on osteoblast behaviour. <i>BMC Oral Health</i> , 2015, 15, 171.	2.3	8
123	Osteoinductive and Osteopromotive Variability among Different Demineralized Bone Allografts. <i>Clinical Implant Dentistry and Related Research</i> , 2015, 17, 533-542.	3.7	47
124	Antiseptic solutions modulate the paracrine-like activity of bone chips: differential impact of chlorhexidine and sodium hypochlorite. <i>Journal of Clinical Periodontology</i> , 2015, 42, 883-891.	4.9	14
125	In vivo experimental study on bone regeneration in critical bone defects using PIB nanogels/boron-containing mesoporous bioactive glass composite scaffold. <i>International Journal of Nanomedicine</i> , 2015, 10, 839.	6.7	35
126	Effect of bone graft density on in vitro cell behavior with enamel matrix derivative. <i>Clinical Oral Investigations</i> , 2015, 19, 1643-1651.	3.0	10

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127	Comparison of the Capacity of Enamel Matrix Derivative Gel and Enamel Matrix Derivative in Liquid Formulation to Adsorb to Bone Grafting Materials. <i>Journal of Periodontology</i> , 2015, 86, 578-587.	3.4	43
128	Variability in Particle Degradation of Four Commonly Employed Dental Bone Grafts. <i>Clinical Implant Dentistry and Related Research</i> , 2015, 17, 996-1003.	3.7	15
129	Anabolic Bone Formation Via a Site-Specific Bone-Targeting Delivery System by Interfering With Semaphorin 4d Expression. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 286-296.	2.8	72
130	Is Photodynamic Therapy an Effective Treatment for Periodontal and Peri-Implant Infections?. <i>Dental Clinics of North America</i> , 2015, 59, 831-858.	1.8	40
131	Impact of bone graft harvesting techniques on bone formation and graft resorption: a histomorphometric study in the mandibles of minipigs. <i>Clinical Oral Implants Research</i> , 2015, 26, 383-391.	4.5	29
132	Periodontal Regeneration Using Strontium-Loaded Mesoporous Bioactive Glass Scaffolds in Osteoporotic Rats. <i>PLoS ONE</i> , 2014, 9, e104527.	2.5	34
133	Osteogenic Properties of PBLG-g-HA/PLLA Nanocomposites. <i>PLoS ONE</i> , 2014, 9, e105876.	2.5	22
134	Effect of Enamel Matrix Derivative on Periodontal Wound Healing and Regeneration in an Osteoporotic Model. <i>Journal of Periodontology</i> , 2014, 85, 1603-1611.	3.4	13
135	Effects of enamel matrix proteins in combination with a bovine-derived natural bone mineral for the repair of bone defects. <i>Clinical Oral Investigations</i> , 2014, 18, 471-478.	3.0	33
136	In vitro characterization of a synthetic calcium phosphate bone graft on periodontal ligament cell and osteoblast behavior and its combination with an enamel matrix derivative. <i>Clinical Oral Investigations</i> , 2014, 18, 443-451.	3.0	17
137	In vitro characterization of PBLG-g-HA/ PLLA nanocomposite scaffolds. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2014, 29, 841-847.	1.0	6
138	Enamel matrix derivative in combination with bone grafts: A review of the literature. <i>Quintessence International</i> , 2014, 45, 475-87.	0.4	12
139	Impact of Bone Harvesting Techniques on Cell Viability and the Release of Growth Factors of Autografts. <i>Clinical Implant Dentistry and Related Research</i> , 2013, 15, 481-489.	3.7	87
140	Osteoblast proliferation and differentiation on a barrier membrane in combination with BMP2 and TGF β 1. <i>Clinical Oral Investigations</i> , 2013, 17, 981-988.	3.0	54
141	Strontium-incorporated mesoporous bioactive glass scaffolds stimulating <i>in vitro</i> proliferation and differentiation of bone marrow stromal cells and <i>in vivo</i> regeneration of osteoporotic bone defects. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5711-5722.	5.8	88
142	In Vitro Evaluation of Demineralized Freeze-Dried Bone Allograft in Combination With Enamel Matrix Derivative. <i>Journal of Periodontology</i> , 2013, 84, 1646-1654.	3.4	23
143	Five Year Results Evaluating the Effects of Platelet-Rich Plasma on the Healing of Intrabony Defects Treated With an Enamel Matrix Derivative and a Natural Bone Mineral. <i>Journal of Periodontology</i> , 2013, 84, 1-12.	3.4	26
144	Influence of Enamel Matrix Derivative on Cells at Different Maturation Stages of Differentiation. <i>PLoS ONE</i> , 2013, 8, e71008.	2.5	24

#	ARTICLE	IF	CITATIONS
145	Enamel Matrix Protein Adsorption to Root Surfaces in the Presence or Absence of Human Blood. <i>Journal of Periodontology</i> , 2012, 83, 885-892.	3.4	17
146	Adsorption of Enamel Matrix Proteins to a Bovine-Derived Bone Grafting Material and Its Regulation of Cell Adhesion, Proliferation, and Differentiation. <i>Journal of Periodontology</i> , 2012, 83, 936-947.	3.4	63
147	Enamel Matrix Proteins and Periodontal Wound Healing and Regeneration. <i>Clinical Advances in Periodontics</i> , 2011, 1, 101-117.	0.7	58
148	Premature Osteoblast Clustering by Enamel Matrix Proteins Induces Osteoblast Differentiation through Up-Regulation of Connexin 43 and N-Cadherin. <i>PLoS ONE</i> , 2011, 6, e23375.	2.5	39
149	The effect of enamel matrix proteins on the spreading, proliferation and differentiation of osteoblasts cultured on titanium surfaces. <i>Biomaterials</i> , 2010, 31, 449-460.	11.4	87