

# Richard J Miron

## List of Publications by Year in descending order

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145  
papers

7,463  
citations

47080

44  
h-index

50239

81  
g-index

151  
all docs

151  
docs citations

151  
times ranked

7168  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution and quantification of activated platelets in platelet-rich fibrin matrices. <i>Platelets</i> , 2022, 33, 110-115.	2.5	12
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.	3.9	13
3	Nanoparticles Promote Bacterial Antibiotic Tolerance via Inducing Hyperosmotic Stress Response. <i>Small</i> , 2022, 18, .	11.6	10
4	The effect of resting and compression time post-centrifugation on the characteristics of platelet rich fibrin (PRF) membranes. <i>Clinical Oral Investigations</i> , 2022, 26, 5281-5288.	2.8	9
5	Fibrinogen Concentrations in Liquid PRF Using Various Centrifugation Protocols. <i>Molecules</i> , 2022, 27, 2043.	4.4	12
6	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.	2.5	6
7	Blood Clots versus PRF: Activating TGF- $\beta$ <sup>2</sup> Signaling and Inhibiting Inflammation In Vitro. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5897.	4.5	10
8	Histological comparison of Platelet rich fibrin clots prepared by fixed-angle versus horizontal centrifugation. <i>Platelets</i> , 2021, 32, 413-419.	2.5	46
9	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.	2.5	73
10	Cell-Membrane Nanotechnology. <i>Advanced Healthcare Materials</i> , 2021, 10, .	8.9	41
11	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.	2.8	109
12	Liquid PRF Reduces the Inflammatory Response and Osteoclastogenesis in Murine Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, .	5.0	24
13	Platelet-Rich Fibrin Increases BMP2 Expression in Oral Fibroblasts via Activation of TGF- $\beta$ <sup>2</sup> Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7935.	4.5	17
14	Combination of enamel matrix derivative and hyaluronic acid inhibits lipopolysaccharide-induced inflammatory response on human epithelial and bone cells. <i>Clinical Oral Investigations</i> , 2021, 26, 1773-1783.	2.8	7
15	Platelet-Rich Fibrin Decreases the Inflammatory Response of Mesenchymal Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11333.	4.5	30
16	Cross-linked hyaluronic acid slows down collagen membrane resorption in diabetic rats through reducing the number of macrophages. <i>Clinical Oral Investigations</i> , 2021, 26, 2401-2411.	2.8	6
17	Structure, Barrier Function, and Bioactivity of Platelet-Rich Fibrin Following Thermal Processing. <i>Tissue Engineering - Part C: Methods</i> , 2021, 27, 605-615.	2.6	4
18	Extending the working properties of liquid platelet-rich fibrin using chemically modified PET tubes and the Bio-Cool device. <i>Clinical Oral Investigations</i> , 2021, 26, 2873-2878.	2.8	8

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19	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.	4.3	63
20	Relative Centrifugal Force (RCF; G-Force) Affects the Distribution of TGF- $\beta$ 2 in PRF Membranes Produced Using Horizontal Centrifugation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7629.	4.5	10
21	Antibacterial effects of platelet-rich fibrin produced by horizontal centrifugation. <i>International Journal of Oral Science</i> , 2020, 12, .	11.0	55
22	Liquid Platelet-Rich Fibrin and Heat-Coagulated Albumin Gel: Bioassays for TGF- $\beta$ 2 Activity. <i>Materials</i> , 2020, 13, 3466.	2.9	22
23	Evaluation of 24 protocols for the production of platelet-rich fibrin. <i>BMC Oral Health</i> , 2020, 20, .	2.8	48
24	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.	2.8	56
25	Autologous Versatile Vesicles Incorporated Biomimetic Extracellular Matrix Induces Biom mineralization. <i>Advanced Functional Materials</i> , 2020, 30, .	17.1	31
26	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	5
27	Platelet-Rich Fibrin Can Neutralize Hydrogen Peroxide-Induced Cell Death in Gingival Fibroblasts. <i>Antioxidants</i> , 2020, 9, 560.	5.8	18
28	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.	2.8	69
29	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.	3.6	16
30	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.	2.1	9
31	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.	3.8	19
32	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.	3.3	33
33	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.	4.3	124
34	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.	3.6	46
35	Hyaluronic acid slows down collagen membrane degradation in uncontrolled diabetic rats. <i>Journal of Periodontal Research</i> , 2019, 54, 644-652.	3.4	21
36	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.	4.6	10

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37	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.	2.1	46
38	Extracellular vesicles derived from the mid-to-late stage of osteoblast differentiation markedly enhance osteogenesis in <i>in vitro</i> and <i>in vivo</i> . <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 252-258.	2.1	44
39	A proposed mechanism for material-induced heterotopic ossification. <i>Materials Today</i> , 2019, 22, 132-141.	12.7	126
40	The interactions of dendritic cells with osteoblasts on titanium surfaces: an <i>in vitro</i> investigation. <i>Clinical Oral Investigations</i> , 2019, 23, 4133-4143.	2.8	10
41	Standardization of relative centrifugal forces in studies related to platelet-rich fibrin. <i>Journal of Periodontology</i> , 2019, 90, 817-820.	3.6	111
42	HnRNPL inhibits the osteogenic differentiation of PDLCs stimulated by SrCl <sub>2</sub> through repressing Setd2. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 2667-2677.	4.1	19
43	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	34
44	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.	2.5	66
45	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.	2.5	51
46	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> , 2019, 24, 1171-1182.	2.8	61
47	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> , 2019, 24, 2819-2828.	2.8	56
48	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.	1.1	7
49	Superior bone-inducing potential of rhBMP9 compared to rhBMP2. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1561-1574.	4.3	22
50	Setd7 and its contribution to Boron-induced bone regeneration in Boron-mesoporous bioactive glass scaffolds. <i>Acta Biomaterialia</i> , 2018, 73, 522-530.	9.3	35
51	Inorganic Self-Assembled Bioactive Artificial Proto-Osteocells Inducing Bone Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 10718-10728.	8.1	15
52	Effects of an injectable platelet-rich fibrin on osteoblast behavior and bone tissue formation in comparison to platelet-rich plasma. <i>Platelets</i> , 2018, 29, 48-55.	2.5	180
53	Multinucleated Giant Cells: Good Guys or Bad Guys?. <i>Tissue Engineering - Part B: Reviews</i> , 2018, 24, 53-65.	5.8	103
54	Pretreated Macrophage-Membrane-Coated Gold Nanocages for Precise Drug Delivery for Treatment of Bacterial Infections. <i>Advanced Materials</i> , 2018, 30, .	24.7	274

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55	Recombinant human BMP9 (RhBMP9) in comparison with rhBMP2 for ridge augmentation following tooth extraction: An experimental study in the Beagle dog. <i>Clinical Oral Implants Research</i> , 2018, 29, 1050-1059.	4.6	14
56	EZH1 Is Associated with TCP-Induced Bone Regeneration through Macrophage Polarization. <i>Stem Cells International</i> , 2018, 2018, 1-10.	2.7	10
57	Autologous liquid platelet rich fibrin: A novel drug delivery system. <i>Acta Biomaterialia</i> , 2018, 75, 35-51.	9.3	108
58	Near-infrared light-triggered drug delivery system based on black phosphorus for in vivo bone regeneration. <i>Biomaterials</i> , 2018, 179, 164-174.	12.3	123
59	The Role of Mst1 in Lymphocyte Homeostasis and Function. <i>Frontiers in Immunology</i> , 2018, 9, .	5.0	17
60	Fifteen Years of Platelet Rich Fibrin in Dentistry and Oromaxillofacial Surgery: How High is the Level of Scientific Evidence?. <i>Journal of Oral Implantology</i> , 2018, 44, 471-492.	0.9	91
61	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> , 2018, 23, 2179-2185.	2.8	54
62	Collagen barrier membranes adsorb growth factors liberated from autogenous bone chips. <i>Clinical Oral Implants Research</i> , 2017, 28, 236-241.	4.6	42
63	Osteogenic potential of rhBMP9 combined with a bovine-derived natural bone mineral scaffold compared to rhBMP2. <i>Clinical Oral Implants Research</i> , 2017, 28, 381-387.	4.6	42
64	Osteogain improves osteoblast adhesion, proliferation and differentiation on a bovine-derived natural bone mineral. <i>Clinical Oral Implants Research</i> , 2017, 28, 327-333.	4.6	19
65	Injectable platelet rich fibrin (i-PRF): opportunities in regenerative dentistry?. <i>Clinical Oral Investigations</i> , 2017, 21, 2619-2627.	2.8	316
66	Comparison of the effects of recombinant human bone morphogenetic protein-2 and -9 on bone formation in rat calvarial critical-size defects. <i>Clinical Oral Investigations</i> , 2017, 21, 2671-2679.	2.8	33
67	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, .	2.8	14
68	Setd2 is associated with strontium-induced bone regeneration. <i>Acta Biomaterialia</i> , 2017, 53, 495-505.	9.3	28
69	In vitro effects of hyaluronic acid on human periodontal ligament cells. <i>BMC Oral Health</i> , 2017, 17, .	2.8	35
70	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.	3.8	22
71	Bone conditioned media (BCM) improves osteoblast adhesion and differentiation on collagen barrier membranes. <i>BMC Oral Health</i> , 2017, 17, .	2.8	12
72	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	7

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73	Effect of recombinant human bone morphogenic 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.	4.3	21
74	Use of platelet-rich fibrin in regenerative dentistry: a systematic review. <i>Clinical Oral Investigations</i> , 2017, 21, 1913-1927.	2.8	329
75	Effects of platelet rich plasma (PRP) on human gingival fibroblast, osteoblast and periodontal ligament cell behaviour. <i>BMC Oral Health</i> , 2017, 17, .	2.8	23
76	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.	2.2	20
77	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.	4.3	38
78	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.	6.5	18
79	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, .	3.7	98
80	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.	6.5	8
81	Temperature/pH-Sensitive Nanoantibiotics and Their Sequential Assembly for Optimal Collaborations between Antibacterial and Immunoregulation. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 31589-31599.	8.1	23
82	Biological Components of Platelet Rich Fibrin: Growth Factor Release and Cellular Activity. , 2017, , 15-31.		12
83	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, .	2.8	3
84	An <i>in vitro</i> study of fibrin sealant as a carrier system for recombinant human bone morphogenetic protein (rhBMP) for bone tissue engineering. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 27-32.	2.0	11
85	In vitro characterization of an osteoinductive biphasic calcium phosphate in combination with recombinant BMP2. <i>BMC Oral Health</i> , 2017, 17, .	2.8	12
86	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.	3.3	37
87	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.	3.6	304
88	Platelet-Rich Fibrin and Soft Tissue Wound Healing: A Systematic Review. <i>Tissue Engineering - Part B: Reviews</i> , 2017, 23, 83-99.	5.8	315
89	Growth factor delivery of BMP9 using a novel natural bovine bone graft with integrated atelo-collagen type I: Biosynthesis, characterization, and cell behavior. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 408-418.	4.3	23
90	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.	4.5	81

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91	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.	1.5	6
92	The role of macrophage polarization on fibroblast behavior-an in vitro investigation on titanium surfaces. <i>Clinical Oral Investigations</i> , 2017, 22, 847-857.	2.8	29
93	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.	2.6	23
94	TwentyÂyears of enamel matrix derivative: the past, the present and the future. <i>Journal of Clinical Periodontology</i> , 2016, 43, 668-683.	6.5	200
95	Influence of biphasic calcium phosphate surfaces coated with Enamel Matrix Derivative on vertical bone growth in an extraâ€oral rabbit model. <i>Clinical Oral Implants Research</i> , 2016, 27, 1297-1304.	4.6	7
96	Collagen Membranes Adsorb the Transforming Growth Factorâ€² Receptor I Kinaseâ€Dependent Activity of Enamel Matrix Derivative. <i>Journal of Periodontology</i> , 2016, 87, 583-590.	3.6	28
97	Giant cells around bone biomaterials: Osteoclasts or multi-nucleated giant cells?. <i>Acta Biomaterialia</i> , 2016, 46, 15-28.	9.3	97
98	Bone scaffolds loaded with siRNA-Semaphorin4d for the treatment of osteoporosis related bone defects. <i>Scientific Reports</i> , 2016, 6, .	3.7	31
99	Platelet-derived growth factor BB gene-released scaffolds: biosynthesis and characterization. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, E372-E381.	2.8	15
100	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.	3.8	32
101	Gene array of PDL cells exposed to Osteogain in combination with a bone grafting material. <i>Clinical Oral Investigations</i> , 2016, 20, 2037-2043.	2.8	6
102	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.	2.8	8
103	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.	4.6	66
104	Comparative release of growth factors from PRP, PRF, and advanced-PRF. <i>Clinical Oral Investigations</i> , 2016, 20, 2353-2360.	2.8	493
105	Recombinant Human Bone Morphogenetic Protein 9 (rhBMP9) Induced Osteoblastic Behavior on a Collagen Membrane Compared With rhBMP2. <i>Journal of Periodontology</i> , 2016, 87, .	3.6	35
106	Osteoinductive potential of 4 commonly employed bone grafts. <i>Clinical Oral Investigations</i> , 2016, 20, 2259-2265.	2.8	77
107	OsteoMacs: Key players around bone biomaterials. <i>Biomaterials</i> , 2016, 82, 1-19.	12.3	259
108	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.	1.5	14

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109	Effect of Enamel Matrix Derivative Liquid on Osteoblast and Periodontal Ligament Cell Proliferation and Differentiation. <i>Journal of Periodontology</i> , 2016, 87, 91-99.	3.6	27
110	Health, Maintenance, and Recovery of Soft Tissues around Implants. <i>Clinical Implant Dentistry and Related Research</i> , 2016, 18, 618-634.	3.8	104
111	Effect of hyaluronic acid on morphological changes to dentin surfaces and subsequent effect on periodontal ligament cell survival, attachment, and spreading. <i>Clinical Oral Investigations</i> , 2016, 21, 1013-1019.	2.8	22
112	Osteogenic gene array of osteoblasts cultured on a novel osteoinductive biphasic calcium phosphate bone grafting material. <i>Clinical Oral Investigations</i> , 2016, 21, 801-808.	2.8	11
113	Osteogain <sup>®</sup> loaded onto an absorbable collagen sponge induces attachment and osteoblast differentiation of ST2 cells in vitro. <i>Clinical Oral Investigations</i> , 2016, 21, 2265-2272.	2.8	9
114	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> , 2016, 21, 1589-1598.	2.8	10
115	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> , 2016, 21, 1883-1893.	2.8	10
116	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> , 2016, 21, 1659-1665.	2.8	14
117	Characterization of a shorter recombinant polypeptide chain of bone morphogenetic protein 2 on osteoblast behaviour. <i>BMC Oral Health</i> , 2015, 15, .	2.8	7
118	Osteoinductive and Osteopromotive Variability among Different Demineralized Bone Allografts. <i>Clinical Implant Dentistry and Related Research</i> , 2015, 17, 533-542.	3.8	44
119	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.	6.5	12
120	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, , 839.	5.4	36
121	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.	3.6	42
122	Variability in Particle Degradation of Four Commonly Employed Dental Bone Grafts. <i>Clinical Implant Dentistry and Related Research</i> , 2015, 17, 996-1003.	3.8	14
123	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.	5.1	74
124	Is Photodynamic Therapy an Effective Treatment for Periodontal and Peri-Implant Infections?. <i>Dental Clinics of North America</i> , 2015, 59, 831-858.	1.4	41
125	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.	4.6	28
126	Enamel matrix derivative improves gingival fibroblast cell behavior cultured on titanium surfaces. <i>Clinical Oral Investigations</i> , 2015, 20, 685-695.	2.8	18

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127	Bone grafting material in combination with Osteogain for bone repair: a rat histomorphometric study. <i>Clinical Oral Investigations</i> , 2015, 20, 589-595.	2.8	26
128	Periodontal Regeneration Using Strontium-Loaded Mesoporous Bioactive Glass Scaffolds in Osteoporotic Rats. <i>PLoS ONE</i> , 2014, 9, e104527.	2.5	37
129	Osteogenic Properties of PBLG-g-HA/PLLA Nanocomposites. <i>PLoS ONE</i> , 2014, 9, e105876.	2.5	22
130	Effect of Enamel Matrix Derivative on Periodontal Wound Healing and Regeneration in an Osteoporotic Model. <i>Journal of Periodontology</i> , 2014, 85, 1603-1611.	3.6	12
131	In vitro characterization of PBLG-g-HA/ PLLA nanocomposite scaffolds. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2014, 29, 841-847.	0.9	5
132	Effect of bone graft density on in vitro cell behavior with enamel matrix derivative. <i>Clinical Oral Investigations</i> , 2014, 19, 1643-1651.	2.8	10
133	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.	3.8	86
134	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.	5.6	92
135	In Vitro Evaluation of Demineralized Freeze-Dried Bone Allograft in Combination With Enamel Matrix Derivative. <i>Journal of Periodontology</i> , 2013, 84, 1646-1654.	3.6	25
136	Five-Year Results Evaluating the Effects of Platelet-Rich Plasma on the Healing of Intrabony Defects Treated With Enamel Matrix Derivative and Natural Bone Mineral. <i>Journal of Periodontology</i> , 2013, 84, 1546-1555.	3.6	30
137	Influence of Enamel Matrix Derivative on Cells at Different Maturation Stages of Differentiation. <i>PLoS ONE</i> , 2013, 8, e71008.	2.5	26
138	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> , 2013, 18, 471-478.	2.8	35
139	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> , 2013, 18, 443-451.	2.8	17
140	Enamel Matrix Protein Adsorption to Root Surfaces in the Presence or Absence of Human Blood. <i>Journal of Periodontology</i> , 2012, 83, 885-892.	3.6	17
141	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.	3.6	65
142	Osteoblast proliferation and differentiation on a barrier membrane in combination with BMP2 and TGF $\beta$ 1. <i>Clinical Oral Investigations</i> , 2012, 17, 981-988.	2.8	53
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