

Richard J Miron

List of Publications by Citations

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

151
papers

4,166
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33
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58
g-index

155
ext. papers

5,392
ext. citations

5.2
avg. IF

6.05
L-index

#	Paper	IF	Citations
151	Comparative release of growth factors from PRP, PRF, and advanced-PRF. <i>Clinical Oral Investigations</i> , 2016 , 20, 2353-2360	4.2	276
150	OsteoMacs: Key players around bone biomaterials. <i>Biomaterials</i> , 2016 , 82, 1-19	15.6	180
149	Use of platelet-rich fibrin in regenerative dentistry: a systematic review. <i>Clinical Oral Investigations</i> , 2017 , 21, 1913-1927	4.2	165
148	Platelet-Rich Fibrin and Soft Tissue Wound Healing: A Systematic Review. <i>Tissue Engineering - Part B: Reviews</i> , 2017 , 23, 83-99	7.9	163
147	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	4.6	154
146	Injectable platelet rich fibrin (i-PRF): opportunities in regenerative dentistry?. <i>Clinical Oral Investigations</i> , 2017 , 21, 2619-2627	4.2	137
145	Pretreated Macrophage-Membrane-Coated Gold Nanocages for Precise Drug Delivery for Treatment of Bacterial Infections. <i>Advanced Materials</i> , 2018 , 30, e1804023	24	130
144	Twenty years of enamel matrix derivative: the past, the present and the future. <i>Journal of Clinical Periodontology</i> , 2016 , 43, 668-83	7.7	119
143	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	3.6	88
142	The effect of enamel matrix proteins on the spreading, proliferation and differentiation of osteoblasts cultured on titanium surfaces. <i>Biomaterials</i> , 2010 , 31, 449-60	15.6	79
141	Strontium-incorporated mesoporous bioactive glass scaffolds stimulating in vitro proliferation and differentiation of bone marrow stromal cells and in vivo regeneration of osteoporotic bone defects. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 5711-5722	7.3	76
140	Near-infrared light-triggered drug delivery system based on black phosphorus for in vivo bone regeneration. <i>Biomaterials</i> , 2018 , 179, 164-174	15.6	72
139	A proposed mechanism for material-induced heterotopic ossification. <i>Materials Today</i> , 2019 , 22, 132-141	11.8	69
138	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, 481-9	3.9	66
137	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, 286-96	6.3	61
136	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	5.4	58
135	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, 936-47	4.6	58

134	Health, Maintenance, and Recovery of Soft Tissues around Implants. <i>Clinical Implant Dentistry and Related Research</i> , 2016 , 18, 618-34	3.9	57
133	Osteoinductive potential of a novel biphasic calcium phosphate bone graft in comparison with autographs, xenografts, and DFDBA. <i>Clinical Oral Implants Research</i> , 2016 , 27, 668-75	4.8	56
132	Giant cells around bone biomaterials: Osteoclasts or multi-nucleated giant cells?. <i>Acta Biomaterialia</i> , 2016 , 46, 15-28	10.8	56
131	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	4.5	53
130	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,	6.3	53
129	Enamel Matrix Proteins and Periodontal Wound Healing and Regeneration. <i>Clinical Advances in Periodontics</i> , 2011 , 1, 101-117	0.9	51
128	Multinucleated Giant Cells: Good Guys or Bad Guys?. <i>Tissue Engineering - Part B: Reviews</i> , 2018 , 24, 53-65	7.9	50
127	Osteoblast proliferation and differentiation on a barrier membrane in combination with BMP2 and TGFβ. <i>Clinical Oral Investigations</i> , 2013 , 17, 981-8	4.2	50
126	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	1.2	48
125	Autologous liquid platelet rich fibrin: A novel drug delivery system. <i>Acta Biomaterialia</i> , 2018 , 75, 35-51	10.8	47
124	Osteoinductive potential of 4 commonly employed bone grafts. <i>Clinical Oral Investigations</i> , 2016 , 20, 2259-2265	4.2	39
123	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, 578-87	4.6	36
122	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	3.6	36
121	Osteoinductive and Osteopromotive Variability among Different Demineralized Bone Allografts. <i>Clinical Implant Dentistry and Related Research</i> , 2015 , 17, 533-42	3.9	34
120	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	3.7	33
119	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	4.8	32
118	Is Photodynamic Therapy an Effective Treatment for Periodontal and Peri-Implant Infections?. <i>Dental Clinics of North America</i> , 2015 , 59, 831-58	3.3	31
117	Recombinant Human Bone Morphogenetic Protein 9 (rhBMP9) Induced Osteoblastic Behavior on a Collagen Membrane Compared With rhBMP2. <i>Journal of Periodontology</i> , 2016 , 87, e101-7	4.6	30

116	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, 839-46	7.3	28
115	Periodontal regeneration using strontium-loaded mesoporous bioactive glass scaffolds in osteoporotic rats. <i>PLoS ONE</i> , 2014 , 9, e104527	3.7	28
114	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, 471-8	4.2	28
113	A low-speed centrifugation concept leads to cell accumulation and vascularization of solid platelet-rich fibrin: an experimental study in vivo. <i>Platelets</i> , 2019 , 30, 329-340	3.6	28
112	Collagen barrier membranes adsorb growth factors liberated from autogenous bone chips. <i>Clinical Oral Implants Research</i> , 2017 , 28, 236-241	4.8	26
111	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	4.2	26
110	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	2.8	26
109	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	5.8	26
108	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	4.2	26
107	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	3.6	25
106	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	4.2	24
105	Anti-inflammation effects of injectable platelet-rich fibrin via macrophages and dendritic cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2020 , 108, 61-68	5.4	24
104	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	2.5	23
103	Influence of enamel matrix derivative on cells at different maturation stages of differentiation. <i>PLoS ONE</i> , 2013 , 8, e71008	3.7	23
102	Collagen Membranes Adsorb the Transforming Growth Factor- β Receptor I Kinase-Dependent Activity of Enamel Matrix Derivative. <i>Journal of Periodontology</i> , 2016 , 87, 583-90	4.6	23
101	Effect of Enamel Matrix Derivative Liquid on Osteoblast and Periodontal Ligament Cell Proliferation and Differentiation. <i>Journal of Periodontology</i> , 2016 , 87, 91-9	4.6	22
100	Bone grafting material in combination with Osteogain for bone repair: a rat histomorphometric study. <i>Clinical Oral Investigations</i> , 2016 , 20, 589-95	4.2	22
99	Addition of a Synthetically Fabricated Osteoinductive Biphasic Calcium Phosphate Bone Graft to BMP2 Improves New Bone Formation. <i>Clinical Implant Dentistry and Related Research</i> , 2016 , 18, 1238-1247	4.9	22

98	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	4.2	22
97	Bone scaffolds loaded with siRNA-Semaphorin4d for the treatment of osteoporosis related bone defects. <i>Scientific Reports</i> , 2016 , 6, 26925	4.9	21
96	Setd2 is associated with strontium-induced bone regeneration. <i>Acta Biomaterialia</i> , 2017 , 53, 495-505	10.8	19
95	Effects of platelet rich plasma (PRP) on human gingival fibroblast, osteoblast and periodontal ligament cell behaviour. <i>BMC Oral Health</i> , 2017 , 17, 91	3.7	19
94	Nanogel-based scaffolds fabricated for bone regeneration with mesoporous bioactive glass and strontium: In vitro and in vivo characterization. <i>Journal of Biomedical Materials Research - Part A</i> , 2017 , 105, 1175-1183	5.4	19
93	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	4.8	19
92	In vitro evaluation of demineralized freeze-dried bone allograft in combination with enamel matrix derivative. <i>Journal of Periodontology</i> , 2013 , 84, 1646-54	4.6	19
91	Osteogenic properties of PBLG-g-HA/PLLA nanocomposites. <i>PLoS ONE</i> , 2014 , 9, e105876	3.7	19
90	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	4.2	19
89	Setd7 and its contribution to Boron-induced bone regeneration in Boron-mesoporous bioactive glass scaffolds. <i>Acta Biomaterialia</i> , 2018 , 73, 522-530	10.8	18
88	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	5.4	18
87	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, 1546-55	4.6	18
86	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	4.2	18
85	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	5.7	17
84	In vitro effects of hyaluronic acid on human periodontal ligament cells. <i>BMC Oral Health</i> , 2017 , 17, 44	3.7	16
83	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	5.4	16
82	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	3.4	16
81	The role of macrophage polarization on fibroblast behavior-an in vitro investigation on titanium surfaces. <i>Clinical Oral Investigations</i> , 2018 , 22, 847-857	4.2	16

80	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	4.7	16
79	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, 443-51	4.2	16
78	Biologization of Collagen-Based Biomaterials Using Liquid-Platelet-Rich Fibrin: New Insights into Clinically Applicable Tissue Engineering. <i>Materials</i> , 2019 , 12,	3.5	16
77	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	3.9	15
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	1.9	15
75	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	7.7	15
74	The Role of Mst1 in Lymphocyte Homeostasis and Function. <i>Frontiers in Immunology</i> , 2018 , 9, 149	8.4	14
73	Enamel matrix protein adsorption to root surfaces in the presence or absence of human blood. <i>Journal of Periodontology</i> , 2012 , 83, 885-92	4.6	14
72	Antibacterial effects of platelet-rich fibrin produced by horizontal centrifugation. <i>International Journal of Oral Science</i> , 2020 , 12, 32	27.9	14
71	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	3.7	13
70	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	4.2	13
69	Superior bone-inducing potential of rhBMP9 compared to rhBMP2. <i>Journal of Biomedical Materials Research - Part A</i> , 2018 , 106, 1561-1574	5.4	13
68	Variability in Particle Degradation of Four Commonly Employed Dental Bone Grafts. <i>Clinical Implant Dentistry and Related Research</i> , 2015 , 17, 996-1003	3.9	13
67	Enamel matrix derivative improves gingival fibroblast cell behavior cultured on titanium surfaces. <i>Clinical Oral Investigations</i> , 2016 , 20, 685-95	4.2	12
66	Autologous Versatile Vesicles-Incorporated Biomimetic Extracellular Matrix Induces Biom mineralization. <i>Advanced Functional Materials</i> , 2020 , 30, 2000015	15.6	12
65	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	9.5	12
64	In vitro characterization of an osteoinductive biphasic calcium phosphate in combination with recombinant BMP2. <i>BMC Oral Health</i> , 2016 , 17, 35	3.7	12
63	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	7.7	12

62	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> , 2017 , 21, 1013-1019	4.2	11
61	Osteogain improves osteoblast adhesion, proliferation and differentiation on a bovine-derived natural bone mineral. <i>Clinical Oral Implants Research</i> , 2017 , 28, 327-333	4.8	11
60	Inorganic Self-Assembled Bioactive Artificial Proto-Osteocells Inducing Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 10718-10728	9.5	11
59	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, 247-54	1.8	11
58	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,	5.1	11
57	Platelet-derived growth factor BB gene-released scaffolds: biosynthesis and characterization. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016 , 10, E372-E381	4.4	10
56	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	3.6	10
55	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	4.2	10
54	Effect of enamel matrix derivative on periodontal wound healing and regeneration in an osteoporotic model. <i>Journal of Periodontology</i> , 2014 , 85, 1603-11	4.6	10
53	Enamel matrix derivative in combination with bone grafts: A review of the literature. <i>Quintessence International</i> , 2014 , 45, 475-87	2	10
52	HnRNPL inhibits the osteogenic differentiation of PDLCs stimulated by SrCl through repressing Setd2. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 2667-2677	5.6	10
51	Histological comparison of Platelet rich fibrin clots prepared by fixed-angle versus horizontal centrifugation. <i>Platelets</i> , 2021 , 32, 413-419	3.6	10
50	Osteogenic gene array of osteoblasts cultured on a novel osteoinductive biphasic calcium phosphate bone grafting material. <i>Clinical Oral Investigations</i> , 2017 , 21, 801-808	4.2	9
49	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	4.8	9
48	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	4.2	8
47	Bone conditioned media (BCM) improves osteoblast adhesion and differentiation on collagen barrier membranes. <i>BMC Oral Health</i> , 2016 , 17, 7	3.7	8
46	Hyaluronic acid slows down collagen membrane degradation in uncontrolled diabetic rats. <i>Journal of Periodontal Research</i> , 2019 , 54, 644-652	4.3	8
45	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	4.2	8

44	Effect of bone graft density on in vitro cell behavior with enamel matrix derivative. <i>Clinical Oral Investigations</i> , 2015 , 19, 1643-51	4.2	8
43	Effectiveness of Photodynamic Therapy in the Treatment of Periodontal and Peri-Implant Diseases. <i>Monographs in Oral Science</i> , 2021 , 29, 133-143	3	8
42	Liquid Platelet-Rich Fibrin and Heat-Coagulated Albumin Gel: Bioassays for TGF- β Activity. <i>Materials</i> , 2020 , 13,	3.5	8
41	Reply from authors: RE: Optimized platelet-rich fibrin with the low-speed concept: Growth factor release, biocompatibility, and cellular response: Necessity for standardization of relative centrifugal force values in studies on platelet-rich fibrin. <i>Journal of Periodontology</i> , 2019 , 90, 122-125	4.6	8
40	Evaluation of 24 protocols for the production of platelet-rich fibrin. <i>BMC Oral Health</i> , 2020 , 20, 310	3.7	7
39	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	3.9	7
38	Characterization of a shorter recombinant polypeptide chain of bone morphogenetic protein 2 on osteoblast behaviour. <i>BMC Oral Health</i> , 2015 , 15, 171	3.7	7
37	Effects of argon plasma treatment on the osteoconductivity of bone grafting materials. <i>Clinical Oral Investigations</i> , 2020 , 24, 2611-2623	4.2	7
36	EZH1 Is Associated with TCP-Induced Bone Regeneration through Macrophage Polarization. <i>Stem Cells International</i> , 2018 , 2018, 6310560	5	7
35	Platelet-Rich Fibrin Can Neutralize Hydrogen Peroxide-Induced Cell Death in Gingival Fibroblasts. <i>Antioxidants</i> , 2020 , 9,	7.1	6
34	Gene array of PDL cells exposed to Osteogain in combination with a bone grafting material. <i>Clinical Oral Investigations</i> , 2016 , 20, 2037-2043	4.2	6
33	Liquid PRF Reduces the Inflammatory Response and Osteoclastogenesis in Murine Macrophages. <i>Frontiers in Immunology</i> , 2021 , 12, 636427	8.4	6
32	Influence of biphasic calcium phosphate surfaces coated with Enamel Matrix Derivative on vertical bone growth in an extra-oral rabbit model. <i>Clinical Oral Implants Research</i> , 2016 , 27, 1297-1304	4.8	6
31	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	5
30	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 ^{2.8}	2.8	5
29	Cell-Membrane-Display Nanotechnology. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2001014	10.1	5
28	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	1	4
27	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	7.7	4

26	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	4.8	4
25	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	4.2	4
24	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	1.6	4
23	Platelet-Rich Fibrin Decreases the Inflammatory Response of Mesenchymal Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
22	Distribution and quantification of activated platelets in platelet-rich fibrin matrices. <i>Platelets</i> , 2020 , 1-6	3.6	3
21	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	4.2	3
20	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	2.5	3
19	Biological Components of Platelet Rich Fibrin: Growth Factor Release and Cellular Activity 2017 , 15-31		3
18	In vitro effects of 0 to 120 Grays of irradiation on bone viability and release of growth factors. <i>BMC Oral Health</i> , 2016 , 17, 4	3.7	3
17	Platelet-Rich Fibrin Increases BMP2 Expression in Oral Fibroblasts via Activation of TGF- β Signaling. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
16	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, N J: 1995)</i> , 2017 , 38, 436-443; quiz 444	0.3	3
15	The interactions of dendritic cells with osteoblasts on titanium surfaces: an in vitro investigation. <i>Clinical Oral Investigations</i> , 2019 , 23, 4133-4143	4.2	2
14	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 , 1	4.2	2
13	Relative Centrifugal Force (RCF; -Force) Affects the Distribution of TGF- β in PRF Membranes Produced Using Horizontal Centrifugation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
12	Fibrinogen Concentrations in Liquid PRF Using Various Centrifugation Protocols.. <i>Molecules</i> , 2022 , 27,	4.8	2
11	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,	3.5	1
10	Structure, Barrier Function, and Bioactivity of Platelet-Rich Fibrin Following Thermal Processing. <i>Tissue Engineering - Part C: Methods</i> , 2021 , 27, 605-615	2.9	1
9	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 , 1	4.2	1

8	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> , 2021 ,		1
7	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 , 1-10	3.6	1
6	Blood Clots versus PRF: Activating TGF- β Signaling and Inhibiting Inflammation In Vitro. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5897	6.3	1
5	Introducing the Low-Speed Centrifugation Concept 2017 , 33-46		0
4	Cross-linked hyaluronic acid slows down collagen membrane resorption in diabetic rats through reducing the number of macrophages. <i>Clinical Oral Investigations</i> , 2021 , 1	4.2	0
3	Nanoparticles Promote Bacterial Antibiotic Tolerance via Inducing Hyperosmotic Stress Response.. <i>Small</i> , 2022 , e2105525	11	0
2	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	4.2	0
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