

Adalberto L. Rosa

List of Publications by Year in descending order

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153
papers

3,818
citations

136740

32
h-index

174990

52
g-index

159
all docs

159
docs citations

159
times ranked

4925
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence of the presence of T helper type 17 cells in chronic lesions of human periodontal disease. <i>Oral Microbiology and Immunology</i> , 2009, 24, 1-6.	2.8	228
2	Enhancement of in vitro osteogenesis on titanium by chemically produced nanotopography. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 80A, 554-564.	2.1	184
3	In vitro osteogenesis on a highly bioactive glass-ceramic (Biosilicate®). <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 82A, 545-557.	2.1	124
4	Pore size regulates cell and tissue interactions with PLGA-CaP scaffolds used for bone engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012, 6, 155-162.	1.3	115
5	Effect of cpTi surface roughness on human bone marrow cell attachment, proliferation, and differentiation. <i>Brazilian Dental Journal</i> , 2003, 14, 16-21.	0.5	105
6	Osteoblastic differentiation of cultured rat bone marrow cells on hydroxyapatite with different surface topography. <i>Dental Materials</i> , 2003, 19, 768-772.	1.6	98
7	Factors involved in the T helper type 1 and type 2 cell commitment and osteoclast regulation in inflammatory apical diseases. <i>Oral Microbiology and Immunology</i> , 2009, 24, 25-31.	2.8	85
8	Rat bone marrow cell response to titanium and titanium alloy with different surface roughness. <i>Clinical Oral Implants Research</i> , 2003, 14, 43-48.	1.9	77
9	Characterization and in vitro evaluation of bacterial cellulose membranes functionalized with osteogenic growth peptide for bone tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2253-2266.	1.7	72
10	Response of rat bone marrow cells to commercially pure titanium submitted to different surface treatments. <i>Journal of Dentistry</i> , 2003, 31, 173-180.	1.7	67
11	Influence of flap design on periodontal healing of second molars after extraction of impacted mandibular third molars. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2002, 93, 404-407.	1.6	65
12	Osteoblast differentiation of human bone marrow cells under continuous and discontinuous treatment with dexamethasone. <i>Brazilian Dental Journal</i> , 2005, 16, 156-161.	0.5	65
13	Nanotopography Drives Stem Cell Fate Toward Osteoblast Differentiation Through $\alpha_1\beta_1$ Integrin Signaling Pathway. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 540-548.	1.2	65
14	Effects of type I collagen coating on titanium osseointegration: histomorphometric, cellular and molecular analyses. <i>Biomedical Materials (Bristol)</i> , 2012, 7, 035007.	1.7	63
15	Treatment of a commercial, machined surface titanium implant with H ₂ SO ₄ /H ₂ O ₂ enhances contact osteogenesis. <i>Clinical Oral Implants Research</i> , 2007, 18, 452-458.	1.9	62
16	In vitro biocompatibility of a novel membrane of the composite poly(vinylidene-trifluoroethylene)/barium titanate. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 79A, 282-288.	2.1	60
17	Nanotopography Directs Mesenchymal Stem Cells to Osteoblast Lineage Through Regulation of microRNA-SMAD-BMP-2 Circuit. <i>Journal of Cellular Physiology</i> , 2014, 229, 1690-1696.	2.0	58
18	Human alveolar bone cell proliferation, expression of osteoblastic phenotype, and matrix mineralization on porous titanium produced by powder metallurgy. <i>Clinical Oral Implants Research</i> , 2009, 20, 472-481.	1.9	55

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19	Hedgehog signaling and osteoblast gene expression are regulated by purmorphamine in human mesenchymal stem cells. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 204-208.	1.2	54
20	Dentin matrix proteins and soluble factors: intrinsic regulatory signals for healing and resorption of dental and periodontal tissues?. <i>Oral Diseases</i> , 2004, 10, 63-74.	1.5	51
21	Effect of low-level laser therapy after rapid maxillary expansion on proliferation and differentiation of osteoblastic cells. <i>Lasers in Medical Science</i> , 2012, 27, 777-783.	1.0	50
22	Efficacy of a bioactive glass ceramic (Biosilicate) in the maintenance of alveolar ridges and in osseointegration of titanium implants. <i>Clinical Oral Implants Research</i> , 2010, 21, 148-155.	1.9	45
23	Effects of low-level laser therapy on human osteoblastic cells grown on titanium. <i>Brazilian Dental Journal</i> , 2010, 21, 491-498.	0.5	45
24	Poly(vinylidene-trifluoroethylene)/barium titanate composite for in vivo support of bone formation. <i>Journal of Biomaterials Applications</i> , 2014, 29, 104-112.	1.2	43
25	Titanium With Nanotopography Induces Osteoblast Differentiation by Regulating Endogenous Bone Morphogenetic Protein Expression and Signaling Pathway. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 1718-1726.	1.2	43
26	Purmorphamine enhances osteogenic activity of human osteoblasts derived from bone marrow mesenchymal cells. <i>Cell Biology International</i> , 2005, 29, 537-541.	1.4	41
27	In vitro osteogenesis on a microstructured titanium surface with additional submicron-scale topography. <i>Clinical Oral Implants Research</i> , 2007, 18, 333-344.	1.9	38
28	The influence of pore size on osteoblast phenotype expression in cultures grown on porous titanium. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2012, 41, 1097-1101.	0.7	38
29	Participation of TNF in Inhibitory Effects of Adipocytes on Osteoblast Differentiation. <i>Journal of Cellular Physiology</i> , 2016, 231, 204-214.	2.0	38
30	Microarray-based gene expression analysis of human osteoblasts in response to different biomaterials. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 88A, 401-408.	2.1	35
31	Osseointegration and osseointegration of hydroxyapatite of different microporosities. <i>Journal of Materials Science: Materials in Medicine</i> , 2002, 13, 1071-1075.	1.7	34
32	Electro-acupuncture efficacy on pain control after mandibular third molar surgery. <i>Brazilian Dental Journal</i> , 2007, 18, 158-162.	0.5	34
33	Macroporous scaffolds associated with cells to construct a hybrid biomaterial for bone tissue engineering. <i>Expert Review of Medical Devices</i> , 2008, 5, 719-728.	1.4	34
34	Effects of a novel calcium aluminate cement on the early events of the progression of osteogenic cell cultures. <i>Brazilian Dental Journal</i> , 2011, 22, 99-104.	0.5	33
35	Potential of Osteoblastic Cells Derived from Bone Marrow and Adipose Tissue Associated with a Polymer/Ceramic Composite to Repair Bone Tissue. <i>Calcified Tissue International</i> , 2017, 101, 312-320.	1.5	32
36	Membrane-bound alkaline phosphatase from ectopic mineralization and rat bone marrow cell culture. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 146, 679-687.	0.8	31

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37	Cell Therapy: Effect of Locally Injected Mesenchymal Stromal Cells Derived from Bone Marrow or Adipose Tissue on Bone Regeneration of Rat Calvarial Defects. <i>Scientific Reports</i> , 2019, 9, 13476.	1.6	30
38	The Effect of Photosensitizer Drugs and Light Stimulation on Osteoblast Growth. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 699-705.	2.1	29
39	The Wnt/ β -catenin signaling pathway is regulated by titanium with nanotopography to induce osteoblast differentiation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110513.	2.5	29
40	Participation of integrin α 3 in osteoblast differentiation induced by titanium with nano or microtopography. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 1303-1313.	2.1	29
41	Intraosseous schwannoma of mandibular symphysis: case report. <i>Brazilian Dental Journal</i> , 2006, 17, 255-258.	0.5	28
42	Culture of osteogenic cells from human alveolar bone: A useful source of alkaline phosphatase. <i>Cell Biology International</i> , 2007, 31, 1405-1413.	1.4	28
43	In vitro osteogenesis induced by cells derived from sites submitted to sinus grafting with anorganic bovine bone. <i>Clinical Oral Implants Research</i> , 2007, 19, 071025001541002-???	1.9	28
44	High concentration of residual aluminum oxide on titanium surface inhibits extracellular matrix mineralization. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 87A, 588-597.	2.1	28
45	In vivo biocompatibility of three different chemical compositions of Ricinus communis polyurethane. <i>Journal of Biomedical Materials Research Part B</i> , 2003, 67A, 235-239.	3.0	26
46	In vitro biocompatibility of poly(vinylidene fluoride-trifluoroethylene)/barium titanate composite using cultures of human periodontal ligament fibroblasts and keratinocytes. <i>Acta Biomaterialia</i> , 2010, 6, 979-989.	4.1	26
47	Oxidative nanopatterning of titanium surfaces promotes production and extracellular accumulation of osteopontin. <i>Brazilian Dental Journal</i> , 2011, 22, 179-184.	0.5	26
48	Clinical effectiveness of lidocaine and benzocaine for topical anesthesia. <i>Anesthesia Progress</i> , 1999, 46, 97-9.	0.2	26
49	Effects of the Association between a Calcium Hydroxide Paste and 0.4% Chlorhexidine on the Development of the Osteogenic Phenotype In Vitro. <i>Journal of Endodontics</i> , 2008, 34, 1485-1489.	1.4	25
50	Effects of a Mixture of Growth Factors and Proteins on the Development of the Osteogenic Phenotype in Human Alveolar Bone Cell Cultures. <i>Journal of Histochemistry and Cytochemistry</i> , 2008, 56, 629-638.	1.3	25
51	Treatment With a Growth Factor-Protein Mixture Inhibits Formation of Mineralized Nodules in Osteogenic Cell Cultures Grown on Titanium. <i>Journal of Histochemistry and Cytochemistry</i> , 2009, 57, 265-276.	1.3	25
52	Development of the osteoblastic phenotype in human alveolar bone-derived cells grown on a collagen type I-coated titanium surface. <i>Clinical Oral Implants Research</i> , 2009, 20, 240-246.	1.9	25
53	The Influence of Osteoblast Differentiation Stage on Bone Formation in Autogenously Implanted Cell-Based Poly(Lactide-Co-Glycolide) and Calcium Phosphate Constructs. <i>Tissue Engineering - Part A</i> , 2012, 18, 999-1005.	1.6	24
54	Low-Level Laser Therapy Influences Mouse Odontoblast-Like Cell Response <i>in Vitro</i> . <i>Photomedicine and Laser Surgery</i> , 2012, 30, 206-213.	2.1	23

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55	Cytotoxicity Testing of Methyl and Ethyl 2-Cyanoacrylate Using Direct Contact Assay on Osteoblast Cell Cultures. <i>Journal of Oral and Maxillofacial Surgery</i> , 2013, 71, 35-41.	0.5	23
56	Effect of collagen sponge and fibrin glue on bone repair. <i>Journal of Applied Oral Science</i> , 2015, 23, 623-628.	0.7	23
57	Effect of the chemical composition of Ricinus communis polyurethane on rat bone marrow cell attachment, proliferation, and differentiation. <i>Journal of Biomedical Materials Research Part B</i> , 2003, 64A, 171-176.	3.0	22
58	Characterization and in vitro cytocompatibility of an acid-etched titanium surface. <i>Brazilian Dental Journal</i> , 2010, 21, 3-11.	0.5	22
59	Response of human alveolar bone-derived cells to a novel poly(vinylidene fluoride)/barium titanate membrane. <i>Journal of Biomedical Materials Research - Part B</i> , 2011, 22, 151-158.	1.7	22
60	Poly(Vinylidene Fluoride-Trifluoroethylene)/barium titanate membrane promotes de novo bone formation and may modulate gene expression in osteoporotic rat model. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 180.	1.7	20
61	The effect of collagen coating on titanium with nanotopography on <i>in vitro</i> osteogenesis. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2783-2788.	2.1	20
62	Mesenchymal stem cells overexpressing BMP-9 by CRISPR-Cas9 present high in vitro osteogenic potential and enhance in vivo bone formation. <i>Gene Therapy</i> , 2021, 28, 748-759.	2.3	20
63	Surface topography of hydroxyapatite affects ROS17/2.8 cells response. <i>Pesquisa Odontologica Brasileira = Brazilian Oral Research</i> , 2002, 16, 209-215.	0.3	19
64	Chronic ethanol intake inhibits <i>in vitro</i> osteogenesis induced by osteoblasts differentiated from stem cells. <i>Journal of Applied Toxicology</i> , 2008, 28, 205-211.	1.4	19
65	Osteogenic cell response to calcium aluminate-based cement. <i>International Endodontic Journal</i> , 2017, 50, 771-779.	2.3	19
66	Human osteoblastic cell response to a Ca and P enriched titanium surface obtained by anodization. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 88A, 841-848.	2.1	18
67	Experimental titanium alloys for dental applications. <i>Journal of Prosthetic Dentistry</i> , 2014, 112, 1448-1460.	1.1	18
68	Effect of bone morphogenetic protein 9 on osteoblast differentiation of cells grown on titanium with nanotopography. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8441-8449.	1.2	18
69	Titanium with nanotopography induces osteoblast differentiation through regulation of integrin β 1. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 16723-16732.	1.2	18
70	Effect of focal adhesion kinase inhibition on osteoblastic cells grown on titanium with different topographies. <i>Journal of Applied Oral Science</i> , 2020, 28, e20190156.	0.7	18
71	The effect of purmorphamine on osteoblast phenotype expression of human bone marrow mesenchymal cells cultured on titanium. <i>Biomaterials</i> , 2005, 26, 4245-4248.	5.7	17
72	The effect of plasma-nitrided titanium surfaces on osteoblastic cell adhesion, proliferation, and differentiation. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 991-998.	2.1	17

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73	Aging impairs osteoblast differentiation of mesenchymal stem cells grown on titanium by favoring adipogenesis. <i>Journal of Applied Oral Science</i> , 2016, 24, 376-382.	0.7	17
74	Effect of cell source and osteoblast differentiation on gene expression profiles of mesenchymal stem cells derived from bone marrow or adipose tissue. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 11842-11852.	1.2	17
75	Progression of Osteogenic Cell Cultures Grown on Microtopographic Titanium Coated With Calcium Phosphate and Functionalized With a Type I Collagen-Derived Peptide. <i>Journal of Periodontology</i> , 2013, 84, 1199-1210.	1.7	16
76	Effect of Surface Nanotopography on Bone Response to Titanium Implant. <i>Journal of Oral Implantology</i> , 2016, 42, 240-247.	0.4	16
77	Central B ₂ receptor involvement in the antinociceptive effect of bradykinin in rats. <i>British Journal of Pharmacology</i> , 1996, 118, 1488-1492.	2.7	15
78	Development of the osteoblast phenotype of serial cell subcultures from human bone marrow. <i>Brazilian Dental Journal</i> , 2005, 16, 225-230.	0.5	15
79	<i>In vitro</i> cytotoxicity of dental alloys and cpTi obtained by casting. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008, 85B, 504-508.	1.6	15
80	In Vitro Proliferation and Osteoblastic Phenotype Expression of Cells Derived From Human Vertebral Lamina and Iliac Crest. <i>Spine</i> , 2009, 34, 1549-1553.	1.0	15
81	Association of mesenchymal stem cells and osteoblasts for bone repair. <i>Regenerative Medicine</i> , 2015, 10, 127-133.	0.8	15
82	Osteoporosis and osteoblasts cocultured with adipocytes inhibit osteoblast differentiation by downregulating histone acetylation. <i>Journal of Cellular Physiology</i> , 2021, 236, 3906-3917.	2.0	15
83	TAK-778 enhances osteoblast differentiation of human bone marrow cells. <i>Journal of Cellular Biochemistry</i> , 2003, 89, 1148-1153.	1.2	14
84	Effect of temperature variation on the cytotoxicity of cast dental alloys and commercially pure titanium. <i>Journal of Applied Oral Science</i> , 2009, 17, 421-426.	0.7	14
85	Mesenchymal Stem Cells Repress Osteoblast Differentiation Under Osteogenic-Inducing Conditions. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2896-2902.	1.2	14
86	Participation of MicroRNA-34a and RANKL on bone repair induced by poly(vinylidene-trifluoroethylene)/barium titanate membrane. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 1369-1379.	1.9	14
87	TAK-778 enhances osteoblast differentiation of human bone marrow cells cultured on titanium. <i>Biomaterials</i> , 2003, 24, 2927-2932.	5.7	13
88	Bone cell responses to the composite of <i>Ricinus communis</i> polyurethane and alkaline phosphatase. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 84A, 435-441.	2.1	13
89	Bone tissue response to plasma-nitrided titanium implant surfaces. <i>Journal of Applied Oral Science</i> , 2015, 23, 9-13.	0.7	13
90	Selection of reference genes for quantitative real-time polymerase chain reaction studies in rat osteoblasts. <i>Journal of Cellular Physiology</i> , 2019, 234, 749-756.	2.0	13

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91	Bone repair in mandibular body osteotomy after using 2.0 miniplate system – histological and histometric analysis in dogs. <i>International Journal of Experimental Pathology</i> , 2008, 89, 91-97.	0.6	12
92	Frizzled 6 disruption suppresses osteoblast differentiation induced by nanotopography through the canonical Wnt signaling pathway. <i>Journal of Cellular Physiology</i> , 2020, 235, 8293-8303.	2.0	12
93	Effect of Microcapsules Containing TAK-778 on Bone Formation Around Osseointegrated Implants: Histomorphometric Analysis in Dogs. <i>Implant Dentistry</i> , 2006, 15, 97-103.	1.7	11
94	Seeding Osteoblastic Cells into a Macroporous Biodegradable CaP/PLGA Scaffold by a Centrifugal Force. <i>Journal of Biomaterials Applications</i> , 2009, 23, 481-495.	1.2	11
95	Effects of enamel matrix derivative and transforming growth factor- β 1 on human osteoblastic cells. <i>Head & Face Medicine</i> , 2011, 7, 13.	0.8	11
96	Bioactive-glass ceramic with two crystalline phases (BioS-2P) for bone tissue engineering. <i>Biomedical Materials (Bristol)</i> , 2017, 12, 045018.	1.7	11
97	Effect of cell therapy with allogeneic osteoblasts on bone repair of rat calvaria defects. <i>Cytherapy</i> , 2018, 20, 1267-1277.	0.3	11
98	Mesenchymal Stromal Cells Derived from Bone Marrow and Adipose Tissue: Isolation, Culture, Characterization and Differentiation. <i>Bio-protocol</i> , 2020, 10, e3534.	0.2	11
99	Participation of extracellular signal-regulated kinases 1/2 in osteoblast and adipocyte differentiation of mesenchymal stem cells grown on titanium surfaces. <i>European Journal of Oral Sciences</i> , 2017, 125, 355-360.	0.7	10
100	Titanium with nanotopography attenuates the osteoclast-induced disruption of osteoblast differentiation by regulating histone methylation. <i>Materials Science and Engineering C</i> , 2022, 134, 112548.	3.8	10
101	Bone response to a Ca- and P-enriched titanium surface obtained by anodization. <i>Brazilian Dental Journal</i> , 2008, 19, 15-20.	0.5	9
102	Effects of surface treatments on Y-TZP phase stability, microstructure and osteoblast cell response. <i>Ceramics International</i> , 2015, 41, 14212-14222.	2.3	9
103	Processing of ZrO ₂ scaffolds coated by glass-ceramic derived from 45S5 bioglass. <i>Ceramics International</i> , 2016, 42, 4507-4516.	2.3	9
104	Bioactive glass-based surfaces induce differential gene expression profiling of osteoblasts. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 419-423.	2.1	9
105	Effect of 64S bioglass addition on sintering kinetic, flexural strength and osteoblast cell response of yttria-partially stabilized zirconia ceramics. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 517-530.	1.1	9
106	Green tea extract rich in epigallocatechin gallate impairs alveolar bone loss in ovariectomized rats with experimental periodontal disease. <i>International Journal of Experimental Pathology</i> , 2020, 101, 277-288.	0.6	9
107	Miniplates coated by plasma electrolytic oxidation improve bone healing of simulated femoral fractures on low bone mineral density rats. <i>Materials Science and Engineering C</i> , 2021, 120, 111775.	3.8	9
108	TAK-778 enhances osteoblast differentiation of human bone marrow cells via an estrogen-receptor-dependent pathway. <i>Journal of Cellular Biochemistry</i> , 2004, 91, 749-755.	1.2	8

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109	Bone tissue, cellular, and molecular responses to titanium implants treated by anodic spark deposition. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 3092-3098.	2.1	8
110	Osteopontin expression in co-cultures of human squamous cell carcinoma-derived cells and osteoblastic cells and its effects on the neoplastic cell phenotype and osteoclastic activation. <i>Tumor Biology</i> , 2016, 37, 12371-12385.	0.8	8
111	Menopause transition promotes distinct modulation of mRNAs and miRNAs expression in calvaria and bone marrow osteoblastic cells. <i>Cell Biology International</i> , 2018, 42, 12-24.	1.4	8
112	Effect of cell therapy with osteoblasts differentiated from bone marrow or adipose tissue stromal cells on bone repair. <i>Regenerative Medicine</i> , 2019, 14, 1107-1119.	0.8	8
113	Effect of stem cells combined with a polymer/ceramic membrane on osteoporotic bone repair. <i>Brazilian Oral Research</i> , 2019, 33, e079.	0.6	8
114	Nitric acid passivation does not affect in vitro biocompatibility of titanium. <i>International Journal of Oral and Maxillofacial Implants</i> , 2003, 18, 820-5.	0.6	8
115	In vitro osteogenesis on fluorcanasite glass-ceramic with three different chemical compositions. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 833-8.	1.7	7
116	Effect of growth hormone on in vitro osteogenesis and gene expression of human osteoblastic cells is donorâ€ageâ€dependent. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 369-376.	1.2	7
117	Human Alveolar Bone-Derived Cell-Culture Behaviour on Biodegradable Poly(L-lactic Acid). <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009, 20, 167-179.	1.9	7
118	Effect of ZrO ₂ content on ageing resistance and osteogenic cell differentiation of ZrO ₂ â€Al ₂ O ₃ composite. <i>Ceramics International</i> , 2016, 42, 11363-11372.	2.3	7
119	Inhibitory effects of dabigatran etexilate, a direct thrombin inhibitor, on osteoclasts and osteoblasts. <i>Thrombosis Research</i> , 2020, 186, 45-53.	0.8	7
120	Role of embryonic origin on osteogenic potential and bone repair capacity of rat calvarial osteoblasts. <i>Journal of Bone and Mineral Metabolism</i> , 2020, 38, 481-490.	1.3	7
121	Cytokine and chemokine response of bone cells after dentin challenge in vitro. <i>Oral Diseases</i> , 2004, 10, 258-264.	1.5	6
122	Autogenous bone combined with anorganic bovine bone for maxillary sinus augmentation: analysis of the osteogenic potential of cells derived from the donor and the grafted sites. <i>Clinical Oral Implants Research</i> , 2014, 25, 603-609.	1.9	6
123	Comparison of different fluorapatite dip coated layers on porous zirconia tapes. <i>Ceramics International</i> , 2014, 40, 12509-12517.	2.3	6
124	Human periodontal ligament stem cells with distinct osteogenic potential induce bone formation in rat calvaria defects. <i>Regenerative Medicine</i> , 2022, 17, 341-353.	0.8	6
125	Bone response to three different chemical compositions of fluorcanasite glass-ceramic. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 83A, 480-483.	2.1	5
126	Texturized P(VDF-TrFE)/BT membrane enhances bone neof ormation in calvaria defects regardless of the association with photobiomodulation therapy in ovariectomized rats. <i>Clinical Oral Investigations</i> , 2022, 26, 1053-1065.	1.4	5

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127	Participation of estrogen receptors in the enhancement of osteoblast differentiation by TAK-778. <i>Molecular and Cellular Biochemistry</i> , 2006, 285, 101-109.	1.4	4
128	Histological and Histomorphometric Analysis of the Bone-Screw Interface in the Mandibular Body After Using a 2.0-mm Miniplate System: An Experimental Study in Dogs. <i>Journal of Oral and Maxillofacial Surgery</i> , 2007, 65, 2169-2175.	0.5	4
129	The Effect of TAK-778 on Gene Expression of Osteoblastic Cells Is Mediated Through Estrogen Receptor. <i>Experimental Biology and Medicine</i> , 2009, 234, 190-199.	1.1	4
130	Comparative study of bone repair in mandibular body osteotomy between metallic and absorbable 2.0mm internal fixation systems. Histological and histometric analysis in dogs: a pilot study. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2012, 41, 1361-1368.	0.7	4
131	Clinical, Histological and Cellular Evaluation of Vertico-Lateral Maxillary Reconstruction Associating Alveolar Osteogenic Distraction and Fresh-Frozen Bone Allograft. <i>Journal of Oral Implantology</i> , 2015, 41, 326-331.	0.4	4
132	Effect of autogenous and fresh-frozen bone grafts on osteoblast differentiation. <i>Journal of Dentistry</i> , 2015, 43, 110-116.	1.7	4
133	Processing, structural, and biological evaluations of zirconia scaffolds coated by fluorapatite. <i>International Journal of Applied Ceramic Technology</i> , 2018, 15, 1415-1426.	1.1	4
134	Jabuticaba peel extract modulates adipocyte and osteoblast differentiation of MSCs from healthy and osteoporotic rats. <i>Journal of Bone and Mineral Metabolism</i> , 2021, 39, 163-173.	1.3	4
135	Changes in actin and tubulin expression in osteogenic cells cultured on bioactive glass-based surfaces. <i>Microscopy Research and Technique</i> , 2015, 78, 1046-1053.	1.2	3
136	The extracellular matrix protein Agrin is expressed by osteoblasts and contributes to their differentiation. <i>Cell and Tissue Research</i> , 2021, 386, 335-347.	1.5	3
137	Mandibular symphysis and ramus as sources of osteoblastic cells for bone tissue engineering. <i>Oral Diseases</i> , 2014, 20, e31-5.	1.5	2
138	In Vitro Effect of Low-Level Laser Therapy on Undifferentiated Mouse Pulp Cells. , 2021, 23, 02-06.		2
139	Mapping Bone Marrow Cell Response from Senile Female Rats on Ca-P-Doped Titanium Coating. <i>Materials</i> , 2022, 15, 1094.	1.3	2
140	Bioactive glass-ceramic for bone tissue engineering: an in vitro and in vivo study focusing on osteoclasts. <i>Brazilian Oral Research</i> , 2022, 36, e022.	0.6	2
141	Caffeine Influences Functional Activity and Gene Expression of Bone Marrow Osteoblastic Cells from Osteoporotic Rats. <i>Journal of Caffeine and Adenosine Research</i> , 2019, 9, 53-59.	0.8	1
142	Purmorphamine stimulates osteoblastic differentiation of mesenchymal stem cells. <i>FASEB Journal</i> , 2009, 23, 939.8.	0.2	1
143	Transcriptome Analysis During Normal Human Mesenchymal Stem Cell Differentiation. , 2014, , 109-119.		1
144	Development of the osteogenic phenotype in vitro on titanium surface nanotopographies functionalized with GDF-5. <i>Bone</i> , 2012, 50, S68.	1.4	0

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145	The influence of ageing on gene expression profile and mineralized matrix formation of human osteoblasts. <i>Bone</i> , 2012, 50, S78.	1.4	0
146	Osteoblast-Derived Osteopontin Increases the Proliferative Rate of Oral Squamous Cell Carcinoma Cells in Vitro. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015, 119, e184-e185.	0.2	0
147	Secreted Osteopontin from Human Osteoblastic Cells Regulates the Invasive Capacity of an Oral Squamous Cell Carcinoma Cell Line. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015, 119, e185.	0.2	0
148	Grand Challenges in Oral Surgery. <i>Frontiers in Oral Health</i> , 2020, 1, 5.	1.2	0
149	Photobiomodulation therapy does not depend on the differentiation of dental pulp cells to enhance functional activity associated with angiogenesis and mineralization. <i>Lasers in Medical Science</i> , 2021, 36, 1979-1988.	1.0	0
150	A platelet-rich plasma-like growth factor protein mixture inhibits development of the osteogenic phenotype in osteoblastic cell cultures grown on titanium. <i>FASEB Journal</i> , 2009, 23, 647.6.	0.2	0
151	Effect of hedgehog signaling activation on osteoblast differentiation of human mesenchymal stem cells. <i>FASEB Journal</i> , 2010, 24, lb480.	0.2	0
152	Participation of microRNA-34a/RANKL in the osteogenic potential of the Poly(vinylidene-trifluoroethylene)/barium titanate membrane. <i>Bone Abstracts</i> , 0, , .	0.0	0
153	Transcriptome During Normal Cell Differentiation. , 2022, , 209-222.		0