

Jose Mauro Granjeiro

List of Publications by Citations

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322
papers

7,492
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h-index

68
g-index

343
ext. papers

8,589
ext. citations

3.1
avg. IF

5.94
L-index

#	Paper	IF	Citations
3 ²²	Platelet-rich plasma preparation for regenerative medicine: optimization and quantification of cytokines and growth factors. <i>Stem Cell Research and Therapy</i> , 2013 , 4, 67	8.3	340
3 ²¹	The role of matrix metalloproteinases in the oral environment. <i>Acta Odontologica Scandinavica</i> , 2007 , 65, 1-13	2.2	245
3 ²⁰	Basic research methods and current trends of dental implant surfaces. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009 , 88, 579-96	3.5	232
3 ¹⁹	Bone morphogenetic proteins: facts, challenges, and future perspectives. <i>Journal of Dental Research</i> , 2014 , 93, 335-45	8.1	224
3 ¹⁸	Protein synthesis and secretion in human mesenchymal cells derived from bone marrow, adipose tissue and Wharton's jelly. <i>Stem Cell Research and Therapy</i> , 2014 , 5, 53	8.3	208
3 ¹⁷	Defining subphenotypes for oral clefts based on dental development. <i>Journal of Dental Research</i> , 2007 , 86, 986-91	8.1	129
3 ¹⁶	Optimal cytocompatibility of a bioceramic nanoparticulate cement in primary human mesenchymal cells. <i>Journal of Endodontics</i> , 2009 , 35, 1387-90	4.7	123
3 ¹⁵	Bone tissue remodeling and development: focus on matrix metalloproteinase functions. <i>Archives of Biochemistry and Biophysics</i> , 2014 , 561, 74-87	4.1	116
3 ¹⁴	Bone Morphogenetic Proteins: structure, biological function and therapeutic applications. <i>Archives of Biochemistry and Biophysics</i> , 2014 , 561, 64-73	4.1	111
3 ¹³	Cytocompatibility of chitosan and collagen-chitosan scaffolds for tissue engineering. <i>Polimeros</i> , 2011 , 21, 1-6	1.6	103
3 ¹²	Bone morphogenetic proteins: from structure to clinical use. <i>Brazilian Journal of Medical and Biological Research</i> , 2005 , 38, 1463-73	2.8	97
3 ¹¹	Matrix Metalloproteinases in Bone Resorption, Remodeling, and Repair. <i>Progress in Molecular Biology and Translational Science</i> , 2017 , 148, 203-303	4	95
3 ¹⁰	Differential patterns of receptor activator of nuclear factor kappa B ligand/osteoprotegerin expression in human periapical granulomas: possible association with progressive or stable nature of the lesions. <i>Journal of Endodontics</i> , 2008 , 34, 932-8	4.7	89
3 ⁰⁹	Early osseointegration driven by the surface chemistry and wettability of dental implants. <i>Journal of Applied Oral Science</i> , 2015 , 23, 279-87	3.3	85
3 ⁰⁸	High throughput toxicity screening and intracellular detection of nanomaterials. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017 , 9, e1413	9.2	84
3 ⁰⁷	Buccal cells DNA extraction to obtain high quality human genomic DNA suitable for polymorphism genotyping by PCR-RFLP and Real-Time PCR. <i>Journal of Applied Oral Science</i> , 2012 , 20, 467-71	3.3	81
3 ⁰⁶	Adsorption and bioactivity studies of albumin onto hydroxyapatite surface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 83, 1-9	6	77

305	A multiparametric assay to compare the cytotoxicity of endodontic sealers with primary human osteoblasts. <i>International Endodontic Journal</i> , 2012 , 45, 12-8	5.4	67
304	Physicochemical characterization of two deproteinized bovine xenografts. <i>Brazilian Oral Research</i> , 2008 , 22, 5-10	2.6	67
303	Micro-arc oxidation as a tool to develop multifunctional calcium-rich surfaces for dental implant applications. <i>Materials Science and Engineering C</i> , 2015 , 54, 196-206	8.3	66
302	Cytocompatibility of the ready-to-use bioceramic putty repair cement iRoot BP Plus with primary human osteoblasts. <i>International Endodontic Journal</i> , 2012 , 45, 508-13	5.4	66
301	Trojan-Like Internalization of Anatase Titanium Dioxide Nanoparticles by Human Osteoblast Cells. <i>Scientific Reports</i> , 2016 , 6, 23615	4.9	63
300	Studies with Wnt genes and nonsyndromic cleft lip and palate. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2010 , 88, 995-1000		63
299	Genetic variation in MMP20 contributes to higher caries experience. <i>Journal of Dentistry</i> , 2012 , 40, 381-64.8		61
298	Enamel formation genes influence enamel microhardness before and after cariogenic challenge. <i>PLoS ONE</i> , 2012 , 7, e45022	3.7	61
297	Mesenchymal stromal cell proliferation, gene expression and protein production in human platelet-rich plasma-supplemented media. <i>PLoS ONE</i> , 2014 , 9, e104662	3.7	57
296	Understanding the impact of divalent cation substitution on hydroxyapatite: an in vitro multiparametric study on biocompatibility. <i>Journal of Biomedical Materials Research - Part A</i> , 2011 , 98, 351-8	5.4	56
295	AXIN2 and CDH1 polymorphisms, tooth agenesis, and oral clefts. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2009 , 85, 169-73		56
294	Prevalence of dental anomalies in nonsyndromic individuals with cleft lip and palate: a systematic review and meta-analysis. <i>Cleft Palate-Craniofacial Journal</i> , 2012 , 49, 194-200	1.9	55
293	Immunolocalization of matrix metalloproteinases-2 and -9 during apical periodontitis development. <i>Archives of Oral Biology</i> , 2009 , 54, 764-71	2.8	53
292	Modulation of Src activity by low molecular weight protein tyrosine phosphatase during osteoblast differentiation. <i>Cellular Physiology and Biochemistry</i> , 2008 , 22, 497-506	3.9	53
291	Bone Morphogenetic Proteins: Promising Molecules for Bone Healing, Bioengineering, and Regenerative Medicine. <i>Vitamins and Hormones</i> , 2015 , 99, 293-322	2.5	49
290	Receptor activator NFkappaB-ligand and osteoprotegerin protein expression in human periapical cysts and granulomas. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2006 , 102, 404-9		49
289	Platelet-rich plasma influence on human osteoblasts growth. <i>Clinical Oral Implants Research</i> , 2005 , 16, 456-60	4.8	49
288	MMP13 polymorphism decreases risk for dental caries. <i>Caries Research</i> , 2012 , 46, 401-7	4.2	47

287	Effectiveness of 980-nm diode and 1064-nm extra-long-pulse neodymium-doped yttrium aluminum garnet lasers in implant disinfection. <i>Photomedicine and Laser Surgery</i> , 2010 , 28, 273-80		47
286	The potential role of suppressors of cytokine signaling in the attenuation of inflammatory reaction and alveolar bone loss associated with apical periodontitis. <i>Journal of Endodontics</i> , 2008 , 34, 1480-4	4.7	46
285	Interleukins 1 β and 10 expressions in the periimplant crevicular fluid from patients with untreated periimplant disease. <i>Implant Dentistry</i> , 2013 , 22, 143-50	2.4	44
284	Transcriptional control of the RECK metastasis/angiogenesis suppressor gene. <i>Cancer Detection and Prevention</i> , 2002 , 26, 435-43		43
283	The PDGF-C regulatory region SNP rs28999109 decreases promoter transcriptional activity and is associated with CL/P. <i>European Journal of Human Genetics</i> , 2009 , 17, 774-84	5.3	42
282	Challenges on the toxicological predictions of engineered nanoparticles. <i>NanoImpact</i> , 2017 , 8, 59-72	5.6	41
281	Adult Stem Cells Spheroids to Optimize Cell Colonization in Scaffolds for Cartilage and Bone Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	40
280	Side of dental anomalies and taurodontism as potential clinical markers for cleft subphenotypes. <i>Cleft Palate-Craniofacial Journal</i> , 2011 , 48, 103-8	1.9	40
279	Ascorbate-induced osteoblast differentiation recruits distinct MMP-inhibitors: RECK and TIMP-2. <i>Molecular and Cellular Biochemistry</i> , 2009 , 322, 143-50	4.2	40
278	Total knee arthroplasty after high tibial osteotomy: a comparison of opening and closing wedge osteotomy. <i>International Orthopaedics</i> , 2013 , 37, 427-31	3.8	39
277	On the road to understanding of the osteoblast adhesion: cytoskeleton organization is rearranged by distinct signaling pathways. <i>Journal of Cellular Biochemistry</i> , 2009 , 108, 134-44	4.7	39
276	Poly-lactic acid nanoparticles (PLA-NP) promote physiological modifications in lung epithelial cells and are internalized by clathrin-coated pits and lipid rafts. <i>Journal of Nanobiotechnology</i> , 2017 , 15, 11	9.4	38
275	Suitability of 3D human brain spheroid models to distinguish toxic effects of gold and poly-lactic acid nanoparticles to assess biocompatibility for brain drug delivery. <i>Particle and Fibre Toxicology</i> , 2019 , 16, 22	8.4	38
274	Cellular behavior as a dynamic field for exploring bone bioengineering: a closer look at cell-biomaterial interface. <i>Archives of Biochemistry and Biophysics</i> , 2014 , 561, 88-98	4.1	38
273	Peri-implant disease and chronic periodontitis: is interleukin-6 gene promoter polymorphism the common risk factor in a Brazilian population?. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013 , 28, 35-43	2.8	38
272	Synthesis and cytotoxicity evaluation of granular magnesium substituted β -tricalcium phosphate. <i>Journal of Applied Oral Science</i> , 2013 , 21, 37-42	3.3	38
271	Intracellular signal transduction as a factor in the development of "smart" biomaterials for bone tissue engineering. <i>Biotechnology and Bioengineering</i> , 2011 , 108, 1246-50	4.9	37
270	Interaction between IRF6 and TGFA genes contribute to the risk of nonsyndromic cleft lip/palate. <i>PLoS ONE</i> , 2012 , 7, e45441	3.7	36

269	Phosphoproteome reveals an atlas of protein signaling networks during osteoblast adhesion. <i>Journal of Cellular Biochemistry</i> , 2010 , 109, 957-66	4.7	36
268	Hazard effects of nanoparticles in central nervous system: Searching for biocompatible nanomaterials for drug delivery. <i>Toxicology in Vitro</i> , 2015 , 29, 1653-60	3.6	35
267	Genome wide association scan for chronic periodontitis implicates novel locus. <i>BMC Oral Health</i> , 2014 , 14, 84	3.7	35
266	Kinome profiling of osteoblasts on hydroxyapatite opens new avenues on biomaterial cell signaling. <i>Biotechnology and Bioengineering</i> , 2014 , 111, 1900-5	4.9	34
265	Expression of matrix metalloproteinases-2 and -9 and RECK during alveolar bone regeneration in rat. <i>Journal of Molecular Histology</i> , 2008 , 39, 201-8	3.3	34
264	Expression analysis of matrix metalloproteinase-9 in epithelialized and nonepithelialized apical periodontitis lesions. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009 , 107, 127-32		33
263	Identification of appropriate reference genes for human mesenchymal cells during expansion and differentiation. <i>PLoS ONE</i> , 2013 , 8, e73792	3.7	33
262	Gold nanoparticles do not induce myotube cytotoxicity but increase the susceptibility to cell death. <i>Toxicology in Vitro</i> , 2015 , 29, 819-27	3.6	32
261	Biological behavior of pre-osteoblasts on natural hydroxyapatite: a study of signaling molecules from attachment to differentiation. <i>Journal of Biomedical Materials Research - Part A</i> , 2011 , 97, 193-200	5.4	32
260	In vitro and in vivo evaluation of strontium-containing nanostructured carbonated hydroxyapatite/sodium alginate for sinus lift in rabbits. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016 , 104, 274-82	3.5	31
259	History of chronic periodontitis is a high risk indicator for peri-implant disease. <i>Brazilian Dental Journal</i> , 2013 , 24, 136-41	1.9	31
258	Tooth agenesis association with self-reported family history of cancer. <i>Journal of Dental Research</i> , 2013 , 92, 149-55	8.1	30
257	Analysis of fingernails and urine as biomarkers of fluoride exposure from dentifrice and varnish in 4- to 7-year-old children. <i>Caries Research</i> , 2005 , 39, 363-70	4.2	30
256	Nanometer scale titanium surface texturing are detected by signaling pathways involving transient FAK and Src activations. <i>PLoS ONE</i> , 2014 , 9, e95662	3.7	29
255	MMP-9 and CD68(+) cells are required for tissue remodeling in response to natural hydroxyapatite. <i>Journal of Molecular Histology</i> , 2009 , 40, 301-9	3.3	29
254	Bone repair and augmentation using block of sintered bovine-derived anorganic bone graft in cranial bone defect model. <i>Clinical Oral Implants Research</i> , 2009 , 20, 340-50	4.8	29
253	Effect of surface modifications on early bone healing around plateau root form implants: an experimental study in rabbits. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010 , 68, 1631-8	1.8	29
252	Physicochemical characterization of six commercial hydroxyapatites for medical-dental applications as bone graft. <i>Journal of Applied Oral Science</i> , 2005 , 13, 136-40	3.3	28

251	Analysis of the association between polymorphisms in MMP2, MMP3, MMP9, MMP20, TIMP1, and TIMP2 genes with white spot lesions and early childhood caries. <i>International Journal of Paediatric Dentistry</i> , 2016 , 26, 310-9	3.1	28
250	Genetic polymorphisms underlying the skeletal Class III phenotype. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2017 , 151, 700-707	2.1	27
249	Further evidence of association of the ABCA4 gene with cleft lip/palate. <i>European Journal of Oral Sciences</i> , 2012 , 120, 553-7	2.3	27
248	Hydroxyapatite crystallinity does not affect the repair of critical size bone defects. <i>Journal of Applied Oral Science</i> , 2011 , 19, 337-42	3.3	27
247	The rabbit as an animal model for experimental surgery. <i>Acta Cirurgica Brasileira</i> , 2009 , 24, 325-8	1.6	27
246	Effect of roughness of zirconia and titanium on fibroblast adhesion. <i>Artificial Organs</i> , 2008 , 32, 305-9	2.6	27
245	Rat subcutaneous tissue response to macrogranular porous anorganic bovine bone graft. <i>Brazilian Dental Journal</i> , 2006 , 17, 274-8	1.9	27
244	Delivery of Human Adipose Stem Cells Spheroids into Lockyballs. <i>PLoS ONE</i> , 2016 , 11, e0166073	3.7	27
243	A randomized controlled clinical trial to evaluate a new xenograft for alveolar socket preservation. <i>Clinical Oral Implants Research</i> , 2014 , 25, 1125-30	4.8	26
242	Intraoral features of Apert's syndrome. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007 , 103, e38-41		26
241	Fluctuations in public water fluoride level in Bauru, Brazil. <i>Journal of Public Health Dentistry</i> , 2002 , 62, 173-6	1.6	26
240	Pan-European inter-laboratory studies on a panel of in vitro cytotoxicity and pro-inflammation assays for nanoparticles. <i>Archives of Toxicology</i> , 2017 , 91, 2315-2330	5.8	25
239	Fine-mapping of 5q12.1-13.3 unveils new genetic contributors to caries. <i>Caries Research</i> , 2013 , 47, 273-82	4.2	25
238	Cytocompatibility and biocompatibility of nanostructured carbonated hydroxyapatite spheres for bone repair. <i>Journal of Applied Oral Science</i> , 2015 , 23, 599-608	3.3	25
237	Osteoblast adhesion dynamics: a possible role for ROS and LMW-PTP. <i>Journal of Cellular Biochemistry</i> , 2014 , 115, 1063-9	4.7	25
236	Development of secondary palate requires strict regulation of ECM remodeling: sequential distribution of RECK, MMP-2, MMP-3, and MMP-9. <i>Cell and Tissue Research</i> , 2010 , 340, 61-9	4.2	25
235	Purification and characterization of multiple forms of soybean seed acid phosphatases. <i>Plant Physiology and Biochemistry</i> , 1998 , 36, 487-494	5.4	25
234	Genetic influences on dental enamel that impact caries differ between the primary and permanent dentitions. <i>European Journal of Oral Sciences</i> , 2015 , 123, 327-334	2.3	24

233	Role of estrogen related receptor beta (ESRRB) in DFN35B hearing impairment and dental decay. <i>BMC Medical Genetics</i> , 2014 , 15, 81	2.1	24
232	Phosphoproteome analysis reveals a critical role for hedgehog signalling in osteoblast morphological transitions. <i>Bone</i> , 2017 , 103, 55-63	4.7	23
231	The association of human primary bone cells with biphasic calcium phosphate (βCP/HA 70:30) granules increases bone repair. <i>Journal of Materials Science: Materials in Medicine</i> , 2012 , 23, 781-8	4.5	23
230	Gene expression and protein secretion during human mesenchymal cell differentiation into adipogenic cells. <i>BMC Cell Biology</i> , 2014 , 15, 46		23
229	Supernumerary teeth vary depending on gender. <i>Brazilian Oral Research</i> , 2011 , 25, 76-9	2.6	23
228	Culture of osteogenic cells from human alveolar bone: a useful source of alkaline phosphatase. <i>Cell Biology International</i> , 2007 , 31, 1405-13	4.5	23
227	Adsorption of chlorhexidine on synthetic hydroxyapatite and in vitro biological activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 87, 310-8	6	22
226	MMP gene polymorphisms as contributors for cleft lip/palate: association with MMP3 but not MMP1. <i>Archives of Oral Biology</i> , 2007 , 52, 954-60	2.8	22
225	A study of the physical, chemical and biological properties of TiO ₂ coatings produced by micro-arc oxidation in a Ca-P-based electrolyte. <i>Journal of Materials Science: Materials in Medicine</i> , 2014 , 25, 1769-80	4.5	21
224	Short-term in vivo evaluation of zinc-containing calcium phosphate using a normalized procedure. <i>Materials Science and Engineering C</i> , 2014 , 41, 309-19	8.3	21
223	BMP4 Polymorphism is Associated With Nonsyndromic Oral Cleft in a Brazilian Population. <i>Cleft Palate-Craniofacial Journal</i> , 2013 , 50, 633-8	1.9	21
222	CRISPLD2 variants including a C471T silent mutation may contribute to nonsyndromic cleft lip with or without cleft palate. <i>Cleft Palate-Craniofacial Journal</i> , 2011 , 48, 363-70	1.9	21
221	Orthodontic movement in bone defects filled with xenogenic graft: an experimental study in minipigs. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2007 , 131, 302.e10-7	2.1	21
220	Development and characterization of 5% mol Zn bioceramic in granular form. <i>Materials Research</i> , 2006 , 9, 399-403	1.5	21
219	Tissue response to a membrane of demineralized bovine cortical bone implanted in the subcutaneous tissue of rats. <i>Brazilian Dental Journal</i> , 2004 , 15, 3-8	1.9	21
218	Advances and potential application of gold nanoparticles in nanomedicine. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 16370-16378	4.7	20
217	Chlorhexidine-loaded hydroxyapatite microspheres as an antimicrobial delivery system and its effect on in vivo osteo-conductive properties. <i>Journal of Materials Science: Materials in Medicine</i> , 2015 , 26, 166	4.5	20
216	Alveolar bone repair with strontium- containing nanostructured carbonated hydroxyapatite. <i>Journal of Applied Oral Science</i> , 2018 , 26, e20170084	3.3	20

215	A possible mechanism of low molecular weight protein tyrosine phosphatase (LMW-PTP) activity modulation by glutathione action during human osteoblast differentiation. <i>Archives of Oral Biology</i> , 2009 , 54, 642-50	2.8	20
214	Expression, purification, bioactivity, and partial characterization of a recombinant human bone morphogenetic protein-7 produced in human 293T cells. <i>Molecular Biotechnology</i> , 2010 , 46, 118-26	3	20
213	Follow-up association studies of chromosome region 9q and nonsyndromic cleft lip/palate. <i>American Journal of Medical Genetics, Part A</i> , 2010 , 152A, 1701-10	2.5	20
212	Morphometric evaluation of the repair of critical-size defects using demineralized bovine bone and autogenous bone grafts in rat calvaria. <i>Clinical Oral Implants Research</i> , 2008 , 19, 749-54	4.8	20
211	Phosphatase activity characterization on the surface of intact bloodstream forms of <i>Trypanosoma brucei</i> . <i>FEMS Microbiology Letters</i> , 2003 , 220, 197-206	2.9	20
210	Purification and kinetic properties of a castor bean seed acid phosphatase containing sulfhydryl groups. <i>Physiologia Plantarum</i> , 1999 , 107, 151-158	4.6	20
209	Aquaporin 5 Interacts with Fluoride and Possibly Protects against Caries. <i>PLoS ONE</i> , 2015 , 10, e0143068	3.7	20
208	Hydrophilic surface of Ti6Al4V-ELI alloy improves the early bone apposition of sheep tibia. <i>Clinical Oral Implants Research</i> , 2017 , 28, 893-901	4.8	19
207	Successful Low-Cost Scaffold-Free Cartilage Tissue Engineering Using Human Cartilage Progenitor Cell Spheroids Formed by Micromolded Nonadhesive Hydrogel. <i>Stem Cells International</i> , 2017 , 2017, 7053465	5	19
206	The in vitro release of cytokines and growth factors from fibrin membranes produced through horizontal centrifugation. <i>Journal of Biomedical Materials Research - Part A</i> , 2018 , 106, 1373-1380	5.4	19
205	Osteogenic effect of tricalcium phosphate substituted by magnesium associated with Genderm [®] membrane in rat calvarial defect model. <i>Materials Science and Engineering C</i> , 2016 , 61, 63-71	8.3	19
204	ESRRB polymorphisms are associated with comorbidity of temporomandibular disorders and rotator cuff disease. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2016 , 45, 323-31	2.9	19
203	Role of TRAV locus in low caries experience. <i>Human Genetics</i> , 2013 , 132, 1015-25	6.3	19
202	Long-term biocompatibility evaluation of 0.5 % zinc containing hydroxyapatite in rabbits. <i>Journal of Materials Science: Materials in Medicine</i> , 2013 , 24, 1455-63	4.5	19
201	Bioengineered cartilage in a scaffold-free method by human cartilage-derived progenitor cells: a comparison with human adipose-derived mesenchymal stromal cells. <i>Artificial Organs</i> , 2013 , 37, 1068-75	2.6	19
200	Incorporation of strontium up to 5 Mol. (%) to hydroxyapatite did not affect its cytocompatibility. <i>Materials Research</i> , 2011 , 14, 456-460	1.5	19
199	Bone Remodeling, Biomaterials And Technological Applications: Revisiting Basic Concepts. <i>Journal of Biomaterials and Nanobiotechnology</i> , 2011 , 02, 318-328	1	19
198	Dental and skeletal characterization of the BR-1 minipig. <i>Veterinary Journal</i> , 2007 , 173, 399-407	2.5	19

197	Does the incorporation of zinc into calcium phosphate improve bone repair? A systematic review. <i>Ceramics International</i> , 2018 , 44, 1240-1249	5.1	18
196	Lycopene induce apoptosis in human prostate cells and alters the expression of Bax and Bcl-2 genes. <i>LWT - Food Science and Technology</i> , 2014 , 59, 1290-1297	5.4	18
195	Periosteal-derived cells for bone bioengineering: a promising candidate. <i>Clinical Oral Implants Research</i> , 2012 , 23, 1238-42	4.8	18
194	Repair of critical-size defects with autogenous periosteum-derived cells combined with bovine anorganic apatite/collagen: an experimental study in rat calvaria. <i>Brazilian Dental Journal</i> , 2011 , 22, 322-329	4.9	18
193	Novel cleft susceptibility genes in chromosome 6q. <i>Journal of Dental Research</i> , 2010 , 89, 927-32	8.1	18
192	Radiographic assessment of impacted mandibular third molar sockets filled with composite xenogenic bone graft. <i>Dentomaxillofacial Radiology</i> , 2006 , 35, 371-5	3.9	18
191	Evaluation of bone height and bone density after tooth extraction: an experimental study in minipigs. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007 , 104, e9-16		18
190	Radiographic and histological study of perennial bone defect repair in rat calvaria after treatment with blocks of porous bovine organic graft material. <i>Journal of Applied Oral Science</i> , 2004 , 12, 62-9	3.3	18
189	Long-Term Cytotoxicity, pH and Dissolution Rate of AH Plus and MTA Fillapex. <i>Brazilian Dental Journal</i> , 2016 , 27, 419-23	1.9	18
188	Calcium silicate as a graft material for bone fractures: a systematic review. <i>Journal of International Medical Research</i> , 2018 , 46, 2537-2548	1.4	18
187	In vitro and in vivo evaluations of nanocrystalline Zn-doped carbonated hydroxyapatite/alginate microspheres: zinc and calcium bioavailability and bone regeneration. <i>International Journal of Nanomedicine</i> , 2019 , 14, 3471-3490	7.3	17
186	Randomized clinical trial for the biological evaluation of two nanostructured biphasic calcium phosphate biomaterials as a bone substitute. <i>Clinical Implant Dentistry and Related Research</i> , 2017 , 19, 802-811	3.9	17
185	Candidate gene studies in hypodontia suggest role for FGF3. <i>European Archives of Paediatric Dentistry: Official Journal of the European Academy of Paediatric Dentistry</i> , 2013 , 14, 405-10	2.7	17
184	The impact of the RGD peptide on osteoblast adhesion and spreading on zinc-substituted hydroxyapatite surface. <i>Journal of Materials Science: Materials in Medicine</i> , 2013 , 24, 1271-83	4.5	17
183	MMP1 and MMP20 contribute to tooth agenesis in humans. <i>Archives of Oral Biology</i> , 2011 , 56, 506-11	2.8	17
182	Unveiling novel genes upregulated by both rhBMP2 and rhBMP7 during early osteoblastic transdifferentiation of C2C12 cells. <i>BMC Research Notes</i> , 2011 , 4, 370	2.3	17
181	Use of Chemically Modified Silica with beta-Diketoamine Groups for Separation of alpha-Lactalbumin from Bovine Milk Whey by Affinity Chromatography. <i>Journal of Colloid and Interface Science</i> , 1997 , 185, 313-6	9.3	17
180	Tibial segmental bone defect treated with bone plate and cage filled with either xenogeneic composite or autologous cortical bone graft. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2007 , 20, 269-276	1.2	17

179	Expression of metalloproteinase 2 in the cell response to porous demineralized bovine bone matrix. <i>Journal of Molecular Histology</i> , 2005 , 36, 311-6	3.3	17
178	Cartilage and bone tissue engineering using adipose stromal/stem cells spheroids as building blocks. <i>World Journal of Stem Cells</i> , 2020 , 12, 110-122	5.6	17
177	Healing of critical-size cranial defects in guinea pigs using a bovine bone-derived resorbable membrane. <i>International Journal of Oral and Maxillofacial Implants</i> , 2008 , 23, 427-36	2.8	17
176	Accelerated Healing Period with Hydrophilic Implant Placed in Sheep Tibia. <i>Brazilian Dental Journal</i> , 2017 , 28, 559-565	1.9	16
175	The two faces of titanium dioxide nanoparticles bio-camouflage in 3D bone spheroids. <i>Scientific Reports</i> , 2019 , 9, 9309	4.9	15
174	Association of WNT9B Gene Polymorphisms With Nonsyndromic Cleft Lip With or Without Cleft Palate in Brazilian Nuclear Families. <i>Cleft Palate-Craniofacial Journal</i> , 2015 , 52, 44-8	1.9	15
173	TGFB3 and BMP4 polymorphism are associated with isolated tooth agenesis. <i>Acta Odontologica Scandinavica</i> , 2012 , 70, 202-6	2.2	15
172	Evaluation of the in vivo biocompatibility of hydroxyapatite granules incorporated with zinc ions. <i>Materials Research</i> , 2010 , 13, 563-568	1.5	15
171	Studies of genes in the FGF signaling pathway and oral clefts with or without dental anomalies. <i>American Journal of Medical Genetics, Part A</i> , 2008 , 146A, 1614-7	2.5	15
170	Evaluation of pH levels and calcium ion release in various calcium hydroxide endodontic dressings. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2004 , 97, 388-92		15
169	Bio-camouflage of anatase nanoparticles explored by in situ high-resolution electron microscopy. <i>Nanoscale</i> , 2017 , 9, 10684-10693	7.7	14
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