

# Paulo T De Oliveira

## List of Publications by Year in descending order

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106  
papers

3,291  
citations

185998

28  
h-index

168136

53  
g-index

109  
all docs

109  
docs citations

109  
times ranked

4394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the mixed alkali effect on the sinterability and in vitro performance of bioactive glasses. <i>Journal of the European Ceramic Society</i> , 2021, 41, 4391-4405.	2.8	16
2	Metal nanoscale systems functionalized with organic compounds. , 2020, , 407-436.		2
3	Calcium aluminate cement-based blends for application to fill in bone defects. <i>Research on Biomedical Engineering</i> , 2020, 36, 429-438.	1.5	2
4	Aging behavior of Yâ€³TZP with bioglass addition and its impact on the flexural strength and osteoblastic cell response. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 2792-2806.	1.1	1
5	Influence of collagen membrane on bone quality in titanium mesh reconstructionsâ€™Study in rats. <i>Journal of Periodontology</i> , 2020, 91, 1673-1681.	1.7	10
6	Impact of calcium aluminate cement with additives on dental pulp-derived cells. <i>Journal of Applied Oral Science</i> , 2020, 28, e20190105.	0.7	0
7	Effect of 64S bioglass addition on sintering kinetic, flexural strength and osteoblast cell response of yttriaâ€™partially stabilized zirconia ceramics. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 517-530.	1.1	9
8	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
9	Biopolymer-based membranes associated with osteogenic growth peptide for guided bone regeneration. <i>Biomedical Materials (Bristol)</i> , 2018, 13, 035009.	1.7	18
10	Calcium chlorideâ€™enriched calcium aluminate cement promotes <i>in vitro</i> osteogenesis. <i>International Endodontic Journal</i> , 2018, 51, 674-683.	2.3	9
11	Improving the Radiopacity of Calcium Aluminate Cement Based Blends. <i>Materials Research</i> , 2018, 21, .	0.6	5
12	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
13	In vitro apatite-forming ability of calcium aluminate blends. <i>Ceramics International</i> , 2017, 43, 10071-10079.	2.3	9
14	Nanocellulose-collagen-apatite composite associated with osteogenic growth peptide for bone regeneration. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 467-476.	3.6	64
15	Bioactive-glass ceramic with two crystalline phases (BioS-2P) for bone tissue engineering. <i>Biomedical Materials (Bristol)</i> , 2017, 12, 045018.	1.7	11
16	Nanotextured titanium surfaces stimulate spreading, migration, and growth of rat mast cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2150-2161.	2.1	12
17	Mast Cell Mediators Inhibit Osteoblastic Differentiation and Extracellular Matrix Mineralization. <i>Journal of Histochemistry and Cytochemistry</i> , 2017, 65, 723-741.	1.3	7
18	Participation of extracellular signalâ€™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

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19	The effect of collagen coating on titanium with nanotopography on <i>in vitro</i> osteogenesis. Journal of Biomedical Materials Research - Part A, 2017, 105, 2783-2788.	2.1	20
20	Osteogenic cell response to calcium aluminate-based cement. International Endodontic Journal, 2017, 50, 771-779.	2.3	19
21	Bioactive glass-based surfaces induce differential gene expression profiling of osteoblasts. Journal of Biomedical Materials Research - Part A, 2017, 105, 419-423.	2.1	9
22	Bioactive Glass Particles in Two-Dimensional and Three-Dimensional Osteogenic Cell Cultures. Brazilian Dental Journal, 2017, 28, 307-316.	0.5	4
23	Effect of ZrO <sub>2</sub> content on ageing resistance and osteogenic cell differentiation of ZrO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> composite. Ceramics International, 2016, 42, 11363-11372.	2.3	7
24	Titanium With Nanotopography Induces Osteoblast Differentiation by Regulating Endogenous Bone Morphogenetic Protein Expression and Signaling Pathway. Journal of Cellular Biochemistry, 2016, 117, 1718-1726.	1.2	43
25	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. Tumor Biology, 2016, 37, 12371-12385.	0.8	8
26	Processing of ZrO <sub>2</sub> scaffolds coated by glass-ceramic derived from 45S5 bioglass. Ceramics International, 2016, 42, 4507-4516.	2.3	9
27	Effect of Surface Nanotopography on Bone Response to Titanium Implant. Journal of Oral Implantology, 2016, 42, 240-247.	0.4	16
28	Mesenchymal Stem Cells Repress Osteoblast Differentiation Under Osteogenic-Inducing Conditions. Journal of Cellular Biochemistry, 2015, 116, 2896-2902.	1.2	14
29	Histologic and Histometric Analysis of Bone Repair at the Site of Mandibular Body Osteotomy and at the Bone-Screw Interface After Using a Biodegradable 2.0-mm Internal Fixation System. Journal of Craniofacial Surgery, 2015, 26, 1214-1219.	0.3	1
30	Changes in actin and tubulin expression in osteogenic cells cultured on bioactive glass-based surfaces. Microscopy Research and Technique, 2015, 78, 1046-1053.	1.2	3
31	Expression of osteoblastic phenotype in periodontal ligament fibroblasts cultured in three-dimensional collagen gel. Journal of Applied Oral Science, 2015, 23, 206-214.	0.7	21
32	Clinical, Histological and Cellular Evaluation of Vertical-Lateral Maxillary Reconstruction Associating Alveolar Osteogenic Distraction and Fresh-Frozen Bone Allograft. Journal of Oral Implantology, 2015, 41, 326-331.	0.4	4
33	Influence of periodontal tissue thickness on buccal plate remodelling on immediate implants with xenograft. Journal of Clinical Periodontology, 2015, 42, 590-598.	2.3	9
34	Effects of surface treatments on Y-TZP phase stability, microstructure and osteoblast cell response. Ceramics International, 2015, 41, 14212-14222.	2.3	9
35	Secreted Osteopontin from Human Osteoblastic Cells Regulates the Invasive Capacity of an Oral Squamous Cell Carcinoma Cell Line. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2015, 119, e185.	0.2	0
36	Clinical, radiographic, and histological analyses of calcium phosphate cement as filling material in maxillary sinus lift surgery. Clinical Oral Implants Research, 2015, 26, 633-638.	1.9	20

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37	Mandibular symphysis and ramus as sources of osteoblastic cells for bone tissue engineering. <i>Oral Diseases</i> , 2014, 20, e31-5.	1.5	2
38	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
39	Nanotopography Drives Stem Cell Fate Toward Osteoblast Differentiation Through $\alpha 1 \beta 2$ Integrin Signaling Pathway. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 540-548.	1.2	65
40	Comparison of different fluorapatite dip coated layers on porous zirconia tapes. <i>Ceramics International</i> , 2014, 40, 12509-12517.	2.3	6
41	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
42	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
43	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
44	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
45	Mandibular Bisphosphonate-Related Osteonecrosis After Dental Implant Rehabilitation. <i>Implant Dentistry</i> , 2012, 21, 449-453.	1.7	11
46	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
47	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
48	Bacterial cellulose-collagen nanocomposite for bone tissue engineering. <i>Journal of Materials Chemistry</i> , 2012, 22, 22102.	6.7	159
49	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
50	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
51	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
52	Development of the osteogenic phenotype in vitro on titanium surface nanotopographies functionalized with GDF-5. <i>Bone</i> , 2012, 50, S68.	1.4	0
53	Macroscopic description of teeth of Azara's agouti ( <i>Dasyprocta azarae</i> ). <i>Pesquisa Veterinaria Brasileira</i> , 2012, 32, 93-95.	0.5	2
54	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

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55	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
56	Nanoscale surface modifications of medically relevant metals: state-of-the art and perspectives. <i>Nanoscale</i> , 2011, 3, 335-353.	2.8	231
57	Oxidative nanopatterning of titanium surfaces promotes production and extracellular accumulation of osteopontin. <i>Brazilian Dental Journal</i> , 2011, 22, 179-184.	0.5	26
58	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
59	Response of human alveolar bone-derived cells to a novel poly(vinylidene fluoride)/barium titanate composite using cultures of human periodontal ligament fibroblasts and keratinocytes. <i>Acta Biomaterialia</i> , 2010, 6, 979-989.	1.7	22
60	Effects of enamel matrix derivative and transforming growth factor- $\beta$ 1 on human osteoblastic cells. <i>Head &amp; Face Medicine</i> , 2011, 7, 13.	0.8	11
61	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
62	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
63	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
64	Evaluation of in vitro human gingival fibroblast seeding on acellular dermal matrix. <i>Brazilian Dental Journal</i> , 2010, 21, 179-189.	0.5	30
65	Effect of hedgehog signaling activation on osteoblast differentiation of human mesenchymal stem cells. <i>FASEB Journal</i> , 2010, 24, 1b480.	0.2	0
66	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
67	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
68	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
69	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
70	Osteopetrosis Complicated by Osteomyelitis of the Maxilla and Mandible: Light and Electron Microscopic Findings. <i>Head and Neck Pathology</i> , 2009, 3, 320-326.	1.3	19
71	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
72	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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73	Nanoscale Oxidative Patterning of Metallic Surfaces to Modulate Cell Activity and Fate. <i>Nano Letters</i> , 2009, 9, 659-665.	4.5	134
74	Purmorphamine stimulates osteoblastic differentiation of mesenchymal stem cells. <i>FASEB Journal</i> , 2009, 23, 939.8.	0.2	1
75	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
76	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
77	Bril: A Novel Bone-Specific Modulator of Mineralization. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 1497-1508.	3.1	128
78	Partial replacement of the dentin-pulp complex by periodontal supporting tissues in a traumatically intruded primary maxillary incisor. <i>Dental Traumatology</i> , 2008, 24, 553-555.	0.8	9
79	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
80	Effects of the Association between a Calcium Hydroxide Paste and 0.4% Chlorhexidine on the Development of the Osteogenic Phenotype <i>In Vitro</i> . <i>Journal of Endodontics</i> , 2008, 34, 1485-1489.	1.4	25
81	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
82	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
83	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
84	Enhancement of <i>in vitro</i> osteogenesis on titanium by chemically produced nanotopography. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 80A, 554-564.	2.1	184
85	<i>In vitro</i> osteogenesis on a highly bioactive glass-ceramic (Biosilicate®). <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 82A, 545-557.	2.1	124
86	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
87	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
88	Microscopic Characterization of Teeth of Pacas Bred in Captivity ( <i>Agouti paca</i> , Linnaeus, 1766). <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2007, 36, 371-374.	0.3	3
89	<i>In vitro</i> osteogenesis on a microstructured titanium surface with additional submicron-scale topography. <i>Clinical Oral Implants Research</i> , 2007, 18, 333-344.	1.9	38
90	Treatment of a commercial, machined surface titanium implant with H <sub>2</sub> SO <sub>4</sub> /H <sub>2</sub> O <sub>2</sub> enhances contact osteogenesis. <i>Clinical Oral Implants Research</i> , 2007, 18, 452-458.	1.9	62

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91	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
92	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
93	Anatomoradiographic Description of the Teeth of Pacas Bred in Captivity (Agouti paca, Linnaeus, 1766). <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2006, 35, 316-318.	0.3	11
94	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
95	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
96	Nanotexturing of titanium-based surfaces upregulates expression of bone sialoprotein and osteopontin by cultured osteogenic cells. <i>Biomaterials</i> , 2004, 25, 403-413.	5.7	291
97	Comparative Study of Enamel Matrix Derivative with or without GTR in the Treatment of Class II Furcation Lesions in Dogs. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2004, 24, 476-487.	0.4	26
98	Early Expression of Bone Matrix Proteins in Osteogenic Cell Cultures. <i>Journal of Histochemistry and Cytochemistry</i> , 2003, 51, 633-641.	1.3	51
99	Osseointegration and osseointegrativity of hydroxyapatite of different microporosities. <i>Journal of Materials Science: Materials in Medicine</i> , 2002, 13, 1071-1075.	1.7	34
100	Histomorphometric analysis of the bone-implant contact obtained with 4 different implant surface treatments placed side by side in the dog mandible. <i>International Journal of Oral and Maxillofacial Implants</i> , 2002, 17, 377-83.	0.6	64
101	Root Trunk Concavities as a Risk Factor for Regenerative Procedures of Class II Furcation Lesions in Dogs. <i>Journal of Periodontology</i> , 2001, 72, 612-619.	1.7	19
102	Preprosthetic Periodontal Surgery in the Interproximal Area With Modification of the COL Area: Anatomic and Histologic Study in Dogs. <i>Journal of Periodontology</i> , 2001, 72, 1734-1741.	1.7	4
103	The effect of a reconstituted basement membrane (Matrigel) on a human salivary gland myoepithelioma cell line. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2001, 439, 571-578.	1.4	13
104	Verruciform xanthoma of the oral mucosa. Report of four cases and a review of the literature. <i>Oral Oncology</i> , 2001, 37, 326-331.	0.8	57
105	Glandular odontogenic cyst. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 1997, 83, 478-483.	1.6	29
106	Expression of smooth-muscle actin in cultured cells from human plasmacytoid myoepithelioma. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 1997, 84, 663-667.	1.6	19