

# Paulo Sergio Cerri

## List of Publications by Citations

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95  
papers

2,056  
citations

22  
h-index

42  
g-index

98  
ext. papers

2,514  
ext. citations

3.7  
avg. IF

5.04  
L-index

#	Paper	IF	Citations
95	Biology of Bone Tissue: Structure, Function, and Factors That Influence Bone Cells. <i>BioMed Research International</i> , <b>2015</b> , 2015, 421746	3	718
94	Staining methods applied to glycol methacrylate embedded tissue sections. <i>Micron</i> , <b>2003</b> , 34, 365-72	2.3	78
93	Jaw and long bone marrows have a different osteoclastogenic potential. <i>Calcified Tissue International</i> , <b>2011</b> , 88, 63-74	3.9	47
92	Combined TUNEL and TRAP methods suggest that apoptotic bone cells are inside vacuoles of alveolar bone osteoclasts in young rats. <i>Journal of Periodontal Research</i> , <b>2003</b> , 38, 223-6	4.3	46
91	Antimicrobial Photodynamic Therapy Mediated by Curcumin-Loaded Polymeric Nanoparticles in a Murine Model of Oral Candidiasis. <i>Molecules</i> , <b>2018</b> , 23,	4.8	40
90	Biocompatibility of an experimental MTA sealer implanted in the rat subcutaneous: quantitative and immunohistochemical evaluation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2012</b> , 100, 1773-81	3.5	39
89	Morphological evidences indicate that the interference of cimetidine on the peritubular components is responsible for detachment and apoptosis of Sertoli cells. <i>Reproductive Biology and Endocrinology</i> , <b>2008</b> , 6, 18	5	39
88	In vivo evaluation of the inflammatory response and IL-6 immunoexpression promoted by Biodentine and MTA Angelus. <i>International Endodontic Journal</i> , <b>2016</b> , 49, 145-53	5.4	38
87	Histological and histomorphometrical evaluation of furcation perforations filled with MTA, CPM and ZOE. <i>International Endodontic Journal</i> , <b>2011</b> , 44, 100-10	5.4	36
86	Apoptosis in the epithelial cells of the rests of Malassez of the periodontium of rat molars. <i>Journal of Periodontal Research</i> , <b>2005</b> , 40, 365-72	4.3	36
85	Apoptosis in the early developing periodontium of rat molars. <i>The Anatomical Record</i> , <b>2000</b> , 258, 136-44		36
84	Apoptotic bone cells may be engulfed by osteoclasts during alveolar bone resorption in young rats. <i>Tissue and Cell</i> , <b>2001</b> , 33, 318-25	2.7	36
83	Microparticulated and nanoparticulated zirconium oxide added to calcium silicate cement: Evaluation of physicochemical and biological properties. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2014</b> , 102, 4336-45	5.4	32
82	Decrease in the number and apoptosis of alveolar bone osteoclasts in estrogen-treated rats. <i>Journal of Periodontal Research</i> , <b>2007</b> , 42, 193-201	4.3	29
81	Osteoporosis and autophagy: What is the relationship?. <i>Revista Da Associação Médica Brasileira</i> , <b>2017</b> , 63, 173-179	1.4	27
80	Mitochondrial alterations and apoptosis in smooth muscle from aged rats. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2004</b> , 1658, 187-94	4.6	27
79	Zirconium oxide and niobium oxide used as radiopacifiers in a calcium silicate-based material stimulate fibroblast proliferation and collagen formation. <i>International Endodontic Journal</i> , <b>2017</b> , 50 Suppl 2, e95-e108	5.4	26

78	Structural alterations in the seminiferous tubules of rats treated with immunosuppressor tacrolimus. <i>Reproductive Biology and Endocrinology</i> , <b>2009</b> , 7, 19	5	26
77	Differential effects of natural Curcumin and chemically modified curcumin on inflammation and bone resorption in model of experimental periodontitis. <i>Archives of Oral Biology</i> , <b>2018</b> , 91, 42-50	2.8	25
76	Immunohistochemical detection of estrogen receptor beta in alveolar bone cells of estradiol-treated female rats: possible direct action of estrogen on osteoclast life span. <i>Journal of Anatomy</i> , <b>2009</b> , 215, 673-81	2.9	25
75	Osteoblasts engulf apoptotic bodies during alveolar bone formation in the rat maxilla. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , <b>2005</b> , 286, 833-40		24
74	Apoptosis during the seasonal spermatogenic cycle of <i>Rana catesbeiana</i> . <i>Journal of Anatomy</i> , <b>2006</b> , 209, 21-9	2.9	23
73	Effects of the Er,Cr:YSGG laser on bone and soft tissue in a rat model. <i>Lasers in Medical Science</i> , <b>2012</b> , 27, 95-102	3.1	22
72	Effects of estrogen status in osteocyte autophagy and its relation to osteocyte viability in alveolar process of ovariectomized rats. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 98, 406-415	7.5	21
71	Biodentine and MTA modulate immunoinflammatory response favoring bone formation in sealing of furcation perforations in rat molars. <i>Clinical Oral Investigations</i> , <b>2019</b> , 23, 1237-1252	4.2	21
70	Mast cells and MMP-9 in the lamina propria during eruption of rat molars: quantitative and immunohistochemical evaluation. <i>Journal of Anatomy</i> , <b>2010</b> , 217, 116-25	2.9	21
69	NF-kB overexpression and decreased immunoexpression of AR in the muscular layer is related to structural damages and apoptosis in cimetidine-treated rat vas deferens. <i>Reproductive Biology and Endocrinology</i> , <b>2013</b> , 11, 29	5	20
68	Systemic administration of curcumin or piperine enhances the periodontal repair: a preliminary study in rats. <i>Clinical Oral Investigations</i> , <b>2019</b> , 23, 3297-3306	4.2	20
67	Structural and functional changes in the alveolar bone osteoclasts of estrogen-treated rats. <i>Journal of Anatomy</i> , <b>2012</b> , 220, 77-85	2.9	19
66	Cimetidine reduces alveolar bone loss in induced periodontitis in rat molars. <i>Journal of Periodontology</i> , <b>2014</b> , 85, 1115-25	4.6	18
65	Increased apoptosis in osteoclasts and decreased RANKL immunoexpression in periodontium of cimetidine-treated rats. <i>Journal of Anatomy</i> , <b>2013</b> , 222, 239-47	2.9	17
64	Vitamin B12 supplement exerts a beneficial effect on the seminiferous epithelium of cimetidine-treated rats. <i>Cells Tissues Organs</i> , <b>2011</b> , 193, 184-94	2.1	17
63	Niobium pentoxide as radiopacifying agent of calcium silicate-based material: evaluation of physicochemical and biological properties. <i>Clinical Oral Investigations</i> , <b>2015</b> , 19, 2015-25	4.2	16
62	Immunoexpression of aromatase and estrogen receptors $\alpha$ in stem spermatogonia of bullfrogs indicates a role of estrogen in the seasonal spermatogonial mitotic activity. <i>General and Comparative Endocrinology</i> , <b>2013</b> , 182, 65-72	3	16
61	Effect of Er,Cr:YSGG laser application in the treatment of experimental periodontitis. <i>Lasers in Medical Science</i> , <b>2015</b> , 30, 993-9	3.1	15

60	Amoxicillin diminishes the thickness of the enamel matrix that is deposited during the secretory stage in rats. <i>International Journal of Paediatric Dentistry</i> , <b>2016</b> , 26, 199-210	3.1	15
59	Cell death and quantitative reduction of rests of Malassez according to age. <i>Journal of Periodontal Research</i> , <b>2008</b> , 43, 478-81	4.3	15
58	Reduced interleukin-6 immunoexpression and birefringent collagen formation indicate that MTA Plus and MTA Fillapex are biocompatible. <i>Biomedical Materials (Bristol)</i> , <b>2018</b> , 13, 035002	3.5	15
57	Cimetidine Reduces Interleukin-6, Matrix Metalloproteinases-1 and -9 Immunoexpression in the Gingival Mucosa of Rat Molars With Induced Periodontal Disease. <i>Journal of Periodontology</i> , <b>2017</b> , 88, 100-111	4.6	13
56	Biocompatibility of intracanal medications based on calcium hydroxide. <i>ISRN Dentistry</i> , <b>2012</b> , 2012, 904963		13
55	The antineoplastic busulphan impairs peritubular and Leydig cells, and vitamin B stimulates spermatogonia proliferation and prevents busulphan-induced germ cell death. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 95, 1619-1630	7.5	12
54	Rheological Characterization and Safety Evaluation of Non-Ionic Lamellar Liquid Crystalline Systems Containing Retinyl Palmitate. <i>Journal of Biomedical Nanotechnology</i> , <b>2016</b> , 12, 394-403	4	12
53	Effects of V1 and angiotensin receptor subtypes of the paraventricular nucleus on the water intake induced by vasopressin injected into the lateral septal area. <i>Brain Research Bulletin</i> , <b>2003</b> , 61, 481-7	3.9	12
52	Cimetidine-induced vascular cell apoptosis impairs testicular microvasculature in adult rats. <i>Histology and Histopathology</i> , <b>2012</b> , 27, 1343-51	1.4	12
51	Biocompatibility and Bioactive Potential of New Calcium Silicate-based Endodontic Sealers: Bio-C Sealer and Sealer Plus BC. <i>Journal of Endodontics</i> , <b>2020</b> , 46, 1470-1477	4.7	12
50	Development and characterization of a 3D oral mucosa model as a tool for host-pathogen interactions. <i>Journal of Microbiological Methods</i> , <b>2018</b> , 152, 52-60	2.8	11
49	Primordial germ cells (spermatogonial stem cells) of bullfrogs express sex hormone-binding globulin and steroid receptors during seasonal spermatogenesis. <i>Cells Tissues Organs</i> , <b>2013</b> , 197, 136-44 <sup>2.1</sup>		11
48	Treatment with tacrolimus enhances alveolar bone formation and decreases osteoclast number in the maxillae: a histomorphometric and ultrastructural study in rats. <i>Histology and Histopathology</i> , <b>2008</b> , 23, 1177-84	1.4	11
47	Seminiferous epithelium damage after short period of busulphan treatment in adult rats and vitamin B efficacy in the recovery of spermatogonial germ cells. <i>International Journal of Experimental Pathology</i> , <b>2016</b> , 97, 317-328	2.8	10
46	Influence of arginine vasopressin receptors and angiotensin receptor subtypes on the water intake and arterial blood pressure induced by vasopressin injected into the lateral septal area of the rat. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2004</b> , 111, 66-70	2.4	10
45	Fluoxetine-induced androgenic failure impairs the seminiferous tubules integrity and increases ubiquitin carboxyl-terminal hydrolase L1 (UCHL1): Possible androgenic control of UCHL1 in germ cell death?. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 109, 1126-1139	7.5	10
44	Mast cells and immunoexpression of FGF-1 and Ki-67 in rat subcutaneous tissue following the implantation of Biodentine and MTA Angelus. <i>International Endodontic Journal</i> , <b>2019</b> , 52, 54-67	5.4	9
43	Cimetidine-induced Leydig cell apoptosis and reduced EG-VEGF (PK-1) immunoexpression in rats: Evidence for the testicular vasculature atrophy. <i>Reproductive Toxicology</i> , <b>2015</b> , 57, 50-8	3.4	9

42	Area of rests of Malassez in young and adult rat molars: evidences in the formation of large rests. <i>Anatomical Record</i> , <b>2009</b> , 292, 285-91	2.1	9
41	Immunoinflammatory response and bioactive potential of GuttaFlow bioseal and MTA Fillapex in the rat subcutaneous tissue. <i>Scientific Reports</i> , <b>2020</b> , 10, 7173	4.9	8
40	Apoptosis and reduced microvascular density of the lamina propria during tooth eruption in rats. <i>Journal of Anatomy</i> , <b>2015</b> , 227, 487-96	2.9	8
39	Immunosuppressant prograf (tacrolimus) induces histopathological disorders in the peritubular tissue of rat testes. <i>Cells Tissues Organs</i> , <b>2011</b> , 194, 421-30	2.1	8
38	Light microscopy and computer three-dimensional reconstruction of the blood capillaries of the enamel organ of rat molar tooth germs. <i>Journal of Anatomy</i> , <b>2004</b> , 204, 191-5	2.9	8
37	Severe magnesium deficiency compromises systemic bone mineral density and aggravates inflammatory bone resorption. <i>Journal of Nutritional Biochemistry</i> , <b>2020</b> , 77, 108301	6.3	8
36	Tissue Response and Immunoexpression of Interleukin 6 Promoted by Tricalcium Silicate-based Repair Materials after Subcutaneous Implantation in Rats. <i>Journal of Endodontics</i> , <b>2018</b> , 44, 458-463	4.7	7
35	Vitamin B Prevents Cimetidine-Induced Androgenic Failure and Damage to Sperm Quality in Rats. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 309	5.7	7
34	Gamma-radiation induces apoptosis via sarcoplasmic reticulum in guinea pig ileum smooth muscle cells. <i>European Journal of Pharmacology</i> , <b>2008</b> , 590, 20-8	5.3	7
33	Biocompatibility of mineral trioxide aggregate flow and biodentine. <i>International Endodontic Journal</i> , <b>2019</b> , 52, 193-200	5.4	6
32	Muscular atrophy, impaired epithelial autophagy and UCHL1 increase in androgen-deficient cauda epididymis. <i>Reproduction</i> , <b>2020</b> , 159, 693-705	3.8	6
31	Matrix Metalloproteinase-1 and Acid Phosphatase in the Degradation of the Lamina Propria of Eruptive Pathway of Rat Molars. <i>Cells</i> , <b>2018</b> , 7,	7.9	6
30	The influence of Cisplatin-based chemotherapy on the osseointegration of dental implants: An in vivo mechanical and histometrical study. <i>Clinical Oral Implants Research</i> , <b>2019</b> , 30, 603-616	4.8	5
29	Treatment of periodontal disease with an Er,Cr:YSGG laser in rats exposed to cigarette smoke inhalation. <i>Lasers in Medical Science</i> , <b>2015</b> , 30, 2095-103	3.1	4
28	Physical Properties, Antimicrobial Activity and In Vivo Tissue Response to Apexit Plus. <i>Materials</i> , <b>2020</b> , 13,	3.5	4
27	Accurate approach in the treatment of oral bisphosphonate-related jaw osteonecrosis. <i>Journal of Craniofacial Surgery</i> , <b>2011</b> , 22, 2185-90	1.2	4
26	Effect of ibotenate lesions of the ventromedial hypothalamus on the water and salt intake induced by activation of the median preoptic nucleus in sodium-depleted rats. <i>Journal of the Autonomic Nervous System</i> , <b>1997</b> , 66, 19-25		4
25	Reduced levels of stromal sex hormone-binding globulin and androgen receptor dysfunction in the sperm storage region of the rat epididymis. <i>Reproduction</i> , <b>2018</b> , 155, 467-479	3.8	4

24	Performance of RaCe instrumentation system in curved root canals: a comprehensive analysis by three study methods. <i>Brazilian Dental Journal</i> , <b>2013</b> , 24, 230-4	1.9	3
23	The effect of amoxicillin on dental enamel development in vivo. <i>Brazilian Oral Research</i> , <b>2020</b> , 34, e116	2.6	3
22	Effects of obesity on periodontal tissue remodeling during orthodontic movement. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , <b>2021</b> , 159, 480-490	2.1	3
21	Venlafaxine-induced damage to seminiferous epithelium, spermiation, and sperm parameters in rats: A correlation with high estrogen levels. <i>Andrology</i> , <b>2021</b> , 9, 297-311	4.2	3
20	Effects of an Er,Cr:YSGG Laser on Bone Regeneration in Critical-Sized Calvarial Defects of Rats Exposed to Inhalation of Cigarette Smoke. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , <b>2019</b> , 37, 500-507	2.8	2
19	Effects of subtypes of adrenergic and angiotensinergic antagonists on the water and sodium intake induced by adrenaline injected into the paraventricular nucleus. <i>Brain Research</i> , <b>2003</b> , 994, 234-42	3.7	2
18	Evaluation of the biological properties of two experimental calcium silicate sealers: an in vivo study in rats. <i>International Endodontic Journal</i> , <b>2021</b> , 54, 100-111	5.4	2
17	Biocompatibility and bioactive potential of the NeoMTA Plus endodontic bioceramic-based sealer. <i>Restorative Dentistry &amp; Endodontics</i> , <b>2021</b> , 46, e4	1.5	2
16	Comparison of Bio-C Pulpo and MTA Repair HP with White MTA: effect on liver parameters and evaluation of biocompatibility and bioactivity in rats. <i>International Endodontic Journal</i> , <b>2021</b> , 54, 1597-1613	5.4	2
15	Impaired macrophages and failure of steroidogenesis and spermatogenesis in rat testes with cytokines deficiency induced by diacerein. <i>Histochemistry and Cell Biology</i> , <b>2021</b> , 1	2.4	2
14	Light and electron microscopic study of autologous implants of dental roots in the subcutaneous tissue of rats. <i>Bulletin of Tokyo Dental College, The</i> , <b>1997</b> , 38, 113-22	0.4	2
13	Venlafaxine-induced adrenergic signaling stimulates Leydig cells steroidogenesis via Nur77 overexpression: a possible role of EGF. <i>Life Sciences</i> , <b>2021</b> , 120069	6.8	1
12	Phytocystatin CsinCPI-2 Reduces Osteoclastogenesis and Alveolar Bone Loss. <i>Journal of Dental Research</i> , <b>2021</b> , 220345211027811	8.1	1
11	Histomorphometric and immunohistochemical study shows that tricalcium silicate cement associated with zirconium oxide or niobium oxide is a promising material in the periodontal tissue repair of rat molars with perforated pulp chamber floors. <i>International Endodontic Journal</i> , <b>2021</b> , 54, 736-752	5.4	1
10	Experimental models of orthodontic tooth movement and their effects on periodontal tissues remodelling. <i>Archives of Oral Biology</i> , <b>2021</b> , 130, 105216	2.8	1
9	Spatio-temporal immunolocalization of VEGF-A, Runx2, and osterix during the early steps of intramembranous ossification of the alveolar process in rat embryos. <i>Developmental Biology</i> , <b>2021</b> , 478, 133-143	3.1	1
8	Immunoexpression pattern of autophagy mediators in alveolar bone osteoclasts following estrogen withdrawal in female rats. <i>Journal of Molecular Histology</i> , <b>2021</b> , 52, 321-333	3.3	1
7	Hepatic enzymes and immunoinflammatory response to Bio-C Temp bioceramic intracanal medication implanted into the subcutaneous tissue of rats.. <i>Scientific Reports</i> , <b>2022</b> , 12, 2788	4.9	1

6	Obesity influences the proteome of periodontal ligament tissues following periodontitis induction in rats.. <i>Journal of Periodontal Research</i> , <b>2022</b> ,	4.3	1
5	Impact of glycine and erythritol/chlorhexidine air-polishing powders on human gingival fibroblasts: An in vitro study.. <i>Annals of Anatomy</i> , <b>2022</b> , 243, 151949	2.9	1
4	In vivo effect of fluoride combined with amoxicillin on enamel development in rats. <i>Journal of Applied Oral Science</i> , <b>2021</b> , 29, e20210171	3.3	0
3	Cimetidine-induced androgenic failure causes cell death and changes in actin, EGF and V-ATPase immunoexpression in rat submandibular glands. <i>Journal of Anatomy</i> , <b>2021</b> , 239, 136-150	2.9	0
2	Bilateral asymmetry in bullfrog testes and fat bodies: correlations with steroidogenic activity, mast cells number and structural proteins.. <i>Acta Histochemica</i> , <b>2022</b> , 124, 151873	2	0
1	A Denture Use Model Associated with <i>Candida</i> spp. in Immunocompetent Male and Female Rats. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2022</b> , 8, 466	5.6	