

Carlos A Viegas

List of Publications by Citations

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

63

papers

1,137

citations

15

h-index

32

g-index

77

ext. papers

1,294

ext. citations

2.8

avg. IF

3.89

L-index

#	Paper	IF	Citations
63	Novel hydroxyapatite/chitosan bilayered scaffold for osteochondral tissue-engineering applications: Scaffold design and its performance when seeded with goat bone marrow stromal cells. <i>Biomaterials</i> , 2006 , 27, 6123-37	15.6	387
62	Histologic Evaluation of Regenerative Endodontic Procedures with the Use of Chitosan Scaffolds in Immature Dog Teeth with Apical Periodontitis. <i>Journal of Endodontics</i> , 2017 , 43, 1279-1287	4.7	80
61	Canine periodontitis: the dog as an important model for periodontal studies. <i>Veterinary Journal</i> , 2012 , 191, 299-305	2.5	73
60	Effect of anatomical origin and cell passage number on the stemness and osteogenic differentiation potential of canine adipose-derived stem cells. <i>Stem Cell Reviews and Reports</i> , 2012 , 8, 1211-22	6.4	50
59	Evaluation of the in vitro and in vivo biocompatibility of carrageenan-based hydrogels. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 4087-97	5.4	45
58	Association of the IL-10 polymorphisms and periodontitis: a meta-analysis. <i>Molecular Biology Reports</i> , 2012 , 39, 9319-29	2.8	41
57	A tissue engineering approach for periodontal regeneration based on a biodegradable double-layer scaffold and adipose-derived stem cells. <i>Tissue Engineering - Part A</i> , 2014 , 20, 2483-92	3.9	39
56	Tissue-engineered constructs based on SPCL scaffolds cultured with goat marrow cells: functionality in femoral defects. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011 , 5, 41-9	4.4	37
55	Biological evaluation of intervertebral disc cells in different formulations of gellan gum-based hydrogels. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015 , 9, 265-75	4.4	31
54	Evaluation of a starch-based double layer scaffold for bone regeneration in a rat model. <i>Journal of Orthopaedic Research</i> , 2014 , 32, 904-9	3.8	26
53	Design and characterization of a biodegradable double-layer scaffold aimed at periodontal tissue-engineering applications. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016 , 10, 392-403	4.4	25
52	Mesenchymal stem cells therapy in companion animals: useful for immune-mediated diseases?. <i>BMC Veterinary Research</i> , 2019 , 15, 358	2.7	23
51	Preclinical and Translational Studies in Small Ruminants (Sheep and Goat) as Models for Osteoporosis Research. <i>Current Osteoporosis Reports</i> , 2018 , 16, 182-197	5.4	17
50	Evaluation of biomarker canine-prostate specific arginine esterase (CPSE) for the diagnosis of benign prostatic hyperplasia. <i>BMC Veterinary Research</i> , 2017 , 13, 76	2.7	16
49	Large Animal Models for Osteochondral Regeneration. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1059, 441-501	3.6	15
48	Bone marrow stromal cells on a three-dimensional bioactive fiber mesh undergo osteogenic differentiation in the absence of osteogenic media supplements: the effect of silanol groups. <i>Acta Biomaterialia</i> , 2014 , 10, 4175-85	10.8	15
47	Synergistic effect of scaffold composition and dynamic culturing environment in multilayered systems for bone tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012 , 6, e24-30	4.4	14

46	A clinical survey on the prevalence and types of cheek teeth disorders present in 400 Zamorano-Leon \u00e9 and 400 Mirand \u00e9 donkeys (<i>Equus asinus</i>). <i>Veterinary Record</i> , 2013 , 173, 581	0.9	14
45	Interleukin-6 gene -174G>C and -636G>C promoter polymorphisms and prostate cancer risk. <i>Molecular Biology Reports</i> , 2013 , 40, 449-55	2.8	13
44	Tongue nodules in canine leishmaniosis--a case report. <i>Parasites and Vectors</i> , 2012 , 5, 120	4	13
43	Assessment of markers of bone formation under controlled environmental factors and their correlation with serum minerals in adult sheep as a model for orthopaedic research. <i>Laboratory Animals</i> , 2008 , 42, 465-72	2.6	13
42	Analysis of new Matrillin-1 gene variants in a case-control study related to dental malocclusions in <i>Equus asinus</i> . <i>Gene</i> , 2013 , 522, 70-4	3.8	10
41	Haematological and biochemical parameters in Churra-da-Terra-Quente ewes from the northeast of Portugal. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2010 , 62, 265-272	0.3	10
40	Collagenated Porcine Heterologous Bone Grafts: Histomorphometric Evaluation of Bone Formation Using Different Physical Forms in a Rabbit Cancellous Bone Model. <i>Molecules</i> , 2021 , 26,	4.8	10
39	Evaluation of bone turnover markers and serum minerals variations for predicting fracture healing versus non-union processes in adult sheep as a model for orthopedic research. <i>Injury</i> , 2017 , 48, 1768-1775 ⁵	2.5	9
38	Serum total and bone alkaline phosphatase and tartrate-resistant acid phosphatase activities for the assessment of bone fracture healing in dogs. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2011 , 63, 1007-1011	0.3	8
37	Detection and characterization of interleukin-6 gene variants in <i>Canis familiaris</i> : association studies with periodontal disease. <i>Gene</i> , 2011 , 485, 139-45	3.8	7
36	Toward Spinning Greener Advanced Silk Fibers by Feeding Silkworms with Nanomaterials. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 11872-11887	8.3	7
35	Bone turnover markers in sheep and goat: A review of the scientific literature. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017 , 89, 231-245	1.4	6
34	Periodontal tissue engineering strategies based on nonoral stem cells. <i>Anatomical Record</i> , 2014 , 297, 6-15	2.1	6
33	TERMIS EU 2008 Porto Meeting June 22â26, 2008 Porto Congress CenterâAlf\u00e9dega Portugal. <i>Tissue Engineering - Part A</i> , 2008 , 14, 691-943	3.9	6
32	Tartrate-resistant acid phosphatase as a biomarker of bone turnover in dog. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2011 , 63, 40-45	0.3	6
31	A case-control study between interleukin-10 gene variants and periodontal disease in dogs. <i>Gene</i> , 2014 , 539, 75-81	3.8	4
30	Serum total and bone alkaline phosphatase levels and their correlation with serum minerals over the lifespan of sheep. <i>Acta Veterinaria Hungarica</i> , 2014 , 62, 205-14	1	4
29	Analysis of new lactotransferrin gene variants in a case-control study related to periodontal disease in dog. <i>Molecular Biology Reports</i> , 2012 , 39, 4673-81	2.8	4

28	Influence of dental correction on nociceptive test responses, fecal appearance, body condition score, and apparent digestibility coefficient for dry matter of Zamorano-leones donkeys (<i>Equus asinus</i>). <i>Journal of Animal Science</i> , 2013 , 91, 4765-71	0.7	4
27	The effect of dietary corn oil and fish oil supplementation in dogs with naturally occurring gingivitis. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018 , 102, 1382-1389	2.6	3
26	A Clinical Survey Evaluating the Prevalence of Incisor Disorders in Zamorano-Leon ^{ês} and Mirand ^{ês} Donkeys (<i>Equus asinus</i>). <i>Journal of Equine Veterinary Science</i> , 2013 , 33, 710-718	1.2	3
25	Polyodontia in donkeys. <i>Equine Veterinary Education</i> , 2013 , 25, 363-367	0.6	3
24	Variants in the interleukin-1 alpha and beta genes, and the risk for periodontal disease in dogs. <i>Journal of Genetics</i> , 2015 , 94, 651-9	1.2	3
23	Biodentine for Furcation Perforation Repair: An Animal Study with Histological, Radiographic and Micro-Computed Tomographic Assessment. <i>Iranian Endodontic Journal</i> , 2018 , 13, 323-330		3
22	Evaluation of a novel dog animal model for peri-implant disease: clinical, radiographic, microbiological and histological assessment. <i>Clinical Oral Investigations</i> , 2020 , 24, 3121-3132	4.2	3
21	Tartrate-resistant acid phosphate as biomarker of bone turnover over the lifespan and different physiologic stages in sheep. <i>BMC Veterinary Research</i> , 2017 , 13, 239	2.7	2
20	Percutaneous approach for sialolith removal in a donkey. <i>Journal of Veterinary Dentistry</i> , 2013 , 30, 30-3	1	2
19	Bioimplantable impedance and temperature monitor low power micro-system suitable for estrus detection. <i>Procedia Chemistry</i> , 2009 , 1, 505-508		2
18	Clinical application of mesenchymal stem cells therapy in musculoskeletal injuries in dogs-a review of the scientific literature. <i>Open Veterinary Journal</i> , 2021 , 11, 188-202	1	2
17	Animal models used in furcation perforation studies: A systematic review and comprehensive synthesis of model characteristics. <i>Australian Endodontic Journal</i> , 2018 , 44, 273-280	1.7	2
16	A 3D printed model for radius curvus surgical treatment planning in a dog. <i>Pesquisa Veterinaria Brasileira</i> , 2018 , 38, 1178-1183	0.4	2
15	Dental pathology of the wild Iberian wolf (<i>Canis lupus</i>): The study of a 20 century Portuguese museum collection. <i>Veterinary and Animal Science</i> , 2020 , 9, 100100	2.3	1
14	Lack of association between the toll-like receptor 4 gene c.896A > G polymorphism and the predisposition to periodontal disease: An updated systematic review and meta-analysis. <i>Meta Gene</i> , 2018 , 18, 9-15	0.7	1
13	Focal Gingival Hyperplasia in a Donkey (<i>Equus asinus</i>). <i>Journal of Veterinary Dentistry</i> , 2015 , 32, 54-6	1	1
12	Modified Model of Sub-Critical Size Cranial Defect in the Rabbit. <i>International Journal of Morphology</i> , 2010 , 28,	0.5	1
11	TERMIS-EU Meeting Abstracts London, UK September 4 th , 2007. <i>Tissue Engineering</i> , 2007 , 13, 1633-1778		1

10	First report of bacteremia caused by Elizabethkingia meningoseptica in a dog. <i>Canadian Veterinary Journal</i> , 2016 , 57, 994	0.5	1
9	Evaluation of Canine Adipose-derived Stem Cells in a Healthy Mice Subcutaneous Model. <i>Journal of Stem Cell Research & Therapy</i> , 2016 , 6,	1	1
8	Toll-like receptor 9 gene in Periodontal Disease - A promising biomarker. <i>Gene</i> , 2019 , 687, 207-211	3.8	1
7	Distraction Osteogenesis: Biological Principles and Its Application in Companion Animals		1
6	Evaluation of hematology, general serum biochemistry, bone turnover markers and bone marrow cytology in a glucocorticoid treated ovariectomized sheep model for osteoporosis research. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020 , 92, e20200435	1.4	0
5	Dental Dam Application for Endodontics in Dogs-A Novel Clamp Kit. <i>Journal of Veterinary Dentistry</i> , 2018 , 35, 138-142	1	
4	Orientaço do plano mandibular aps distraço osteognica dento-suportada: estudo experimental no co. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , 2014 , 55, 23-28	0.6	
3	Starch-polycaprolactone based scaffolds in bone and cartilage tissue engineering approaches 2008 , 337-356		
2	A Case of XX Disorder of Sexual Development in a Female-Phenotype Roe Deer (L.) Associated with Antlers Growth with Retained Velvet.. <i>Animals</i> , 2022 , 12,	3.1	
1	Short-term effects of Whole-Body Vibration on clinical, cardiac, and ambulatory electrocardiographic (Holter) parameters of healthy younger and older adult male non-athletic crossbreed dogs. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2022 , 74, 33-42	0.3	