

Ana Claudia Oliveira Carreira

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

1,648
citations

430874

18
h-index

302126

39
g-index

80
all docs

80
docs citations

80
times ranked

3347
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic Detergent Under Pressure-Vacuum as an Innovative Strategy to Generate Canine Tracheal Scaffold for Organ Engineering. <i>Cells Tissues Organs</i> , 2023, 212, 535-545.	2.3	2
2	Protective Effects of Extracellular Matrix-Derived Hydrogels in Idiopathic Pulmonary Fibrosis. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 517-530.	4.8	5
3	Uterine Tissue Engineering: Where We Stand and the Challenges Ahead. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 861-890.	4.8	11
4	Proteomic profile of extracellular matrix from native and decellularized chorionic canine placenta. <i>Journal of Proteomics</i> , 2022, 256, 104497.	2.4	5
5	Recellularized rat testis scaffolds with embryoid bodies cells: a promising approach for tissue engineering. <i>Systems Biology in Reproductive Medicine</i> , 2022, 68, 44-54.	2.1	2
6	<i>In vivo</i> biocompatibility analysis of the recellularized canine tracheal scaffolds with canine epithelial and endothelial progenitor cells. <i>Bioengineered</i> , 2022, 13, 3551-3565.	3.2	2
7	Design-based stereology in alpaca skin (<i>Vicugna pacos</i>): Impacts on fiber production. <i>Small Ruminant Research</i> , 2022, 208, 106629.	1.2	0
8	Immunophenotyping of progenitor cells from articular cartilage of New Zealand Rabbits (<i>Oryctolagus cuniculus</i>). <i>Tissue and Cell</i> , 2022, 75, 101742.	2.2	0
9	Bacterial Cellulose and ECM Hydrogels: An Innovative Approach for Cardiovascular Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3955.	4.1	17
10	ECM proteins involved in cell migration and vessel formation compromise bovine cloned placentation. <i>Theriogenology</i> , 2022, , .	2.1	2
11	R-Spondin1 enhances wnt signaling and decreases weight loss in short bowel syndrome zebrafish. <i>Biochemistry and Biophysics Reports</i> , 2021, 25, 100874.	1.3	0
12	Evaluation of immunohistopathological profile of tubular and solid canine mammary carcinomas. <i>Research in Veterinary Science</i> , 2021, 136, 119-126.	1.9	6
13	Testicular subcutaneous allografting followed by immunosuppressive treatment promotes maintenance of spermatogonial cells in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Fish and Shellfish Immunology</i> , 2021, 112, 108-115.	3.6	5
14	<i>Calotropis procera</i> Selectively Impaired the 4T1 Breast Cancer Cells Growth by Preferentially Blocking Akt/mTOR Signaling. <i>Current Developments in Nutrition</i> , 2021, 5, 278.	0.3	0
15	Characterization of rat liver bud-derived cells. <i>Tissue and Cell</i> , 2021, 71, 101510.	2.2	1
16	Biophysical impact of sphingosine and other abnormal lipid accumulation in Niemann-Pick disease type C cell models. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158944.	2.4	1
17	<i>Calotropis procera</i> (Aiton) Dryand (Apocynaceae) as an anti-cancer agent against canine mammary tumor and osteosarcoma cells. <i>Research in Veterinary Science</i> , 2021, 138, 79-89.	1.9	7
18	Biological Characterization of Polymeric Matrix and Graphene Oxide Biocomposites Filaments for Biomedical Implant Applications: A Preliminary Report. <i>Polymers</i> , 2021, 13, 3382.	4.5	4

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19	Histidine-based hydrogels <i>via</i> singlet-oxygen photooxidation. <i>Soft Matter</i> , 2021, 17, 10926-10934.	2.7	3
20	Development of a new decellularization protocol for the whole porcine heart. <i>Journal of Clinical and Translational Research</i> , 2021, 7, 563-574.	0.3	0
21	Effects of doxorubicin associated with amniotic membrane stem cells in the treatment of canine inflammatory breast carcinoma (IPC-366) cells. <i>BMC Veterinary Research</i> , 2020, 16, 353.	1.9	2
22	R-Spondin 1 (RSPO1) Increases Mouse Intestinal Organoid Unit Size and Survival in vitro and Improves Tissue-Engineered Small Intestine Formation in vivo. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 476.	4.1	6
23	Production, purification and characterization of recombinant human R-spondin1 (RSPO1) protein stably expressed in human HEK293 cells. <i>BMC Biotechnology</i> , 2020, 20, 5.	3.3	11
24	Recellularization Of Canine Placental Extracellular Matrix: Mesenchymal Stem Cells Applied To Tissue Bioengineering. <i>HSOA Journal of Stem Cells Research, Development & Therapy</i> , 2020, 6, 1-6.	0.2	0
25	Investigating the potential of the secretome of mesenchymal stem cells derived from sickle cell disease patients. <i>PLoS ONE</i> , 2019, 14, e0222093.	2.5	10
26	Tamoxifen and bone morphogenic protein-7 modulate fibrosis and inflammation in the peritoneal fibrosis model developed in uremic rats. <i>Molecular Medicine</i> , 2019, 25, 41.	4.4	19
27	Recellularization of canine placental extracellular matrix: mesenchymal stem cells applied to tissue bioengineering. <i>Placenta</i> , 2019, 83, e110.	1.5	0
28	Mammalian sphingoid bases: Biophysical, physiological and pathological properties. <i>Progress in Lipid Research</i> , 2019, 75, 100988.	11.6	24
29	Canine amniotic membrane mesenchymal stromal/stem cells: Isolation, characterization and differentiation. <i>Tissue and Cell</i> , 2019, 58, 99-106.	2.2	14
30	Isolation and Characterization of Pancreatic Canine Fetal Cells at the Final Stage of Gestation. <i>Anatomical Record</i> , 2019, 302, 1409-1418.	1.4	0
31	Functional impact of the long non-coding RNA MEG3 deletion by CRISPR/Cas9 in the human triple negative metastatic Hs578T cancer cell line. <i>Oncology Letters</i> , 2019, 18, 5941-5951.	1.8	10
32	Title is missing!. , 2019, 14, e0222093.		0
33	Title is missing!. , 2019, 14, e0222093.		0
34	Title is missing!. , 2019, 14, e0222093.		0
35	Title is missing!. , 2019, 14, e0222093.		0
36	Technical challenges of working with extracellular vesicles. <i>Nanoscale</i> , 2018, 10, 881-906.	5.6	366

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37	Photobiomodulation of mesenchymal stem cells encapsulated in an injectable rhBMP4-loaded hydrogel directs hard tissue bioengineering. <i>Journal of Cellular Physiology</i> , 2018, 233, 4907-4918.	4.1	45
38	Spatio-temporal expression profile of matrix metalloproteinase (Mmp) modulators Reck and Sparc during the rat ovarian dynamics. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 116.	3.3	12
39	Optimization of Canine Placenta Decellularization: An Alternative Source of Biological Scaffolds for Regenerative Medicine. <i>Cells Tissues Organs</i> , 2018, 205, 217-225.	2.3	10
40	High CD90 (THY-1) expression positively correlates with cell transformation and worse prognosis in basal-like breast cancer tumors. <i>PLoS ONE</i> , 2018, 13, e0199254.	2.5	13
41	FAM3B/PANDER inhibits cell death and increases prostate tumor growth by modulating the expression of Bcl-2 and Bcl-XL cell survival genes. <i>BMC Cancer</i> , 2018, 18, 90.	2.6	14
42	Canine Placenta Recellularized Using Yolk Sac Cells with Vascular Endothelial Growth Factor. <i>BioResearch Open Access</i> , 2018, 7, 101-106.	2.6	10
43	Abstract 1161: Interaction between doxorubicin and amniotic membrane stem cells on the canine inflammatory mammary cancer cell line IPC-366. <i>Cancer Research</i> , 2018, 78, 1161-1161.	0.9	1
44	Cochlear epithelial of dog fetuses: a new source of multipotent stem cells. <i>Cytotechnology</i> , 2017, 69, 179-189.	1.6	1
45	Synergistic effects of BMP-2, BMP-6 or BMP-7 with human plasma fibronectin onto hydroxyapatite coatings: A comparative study. <i>Acta Biomaterialia</i> , 2017, 55, 481-492.	8.3	39
46	Phenotype and multipotency of rabbit (<i>Oryctolagus cuniculus</i>) amniotic stem cells. <i>Stem Cell Research and Therapy</i> , 2017, 8, 27.	5.5	8
47	Pathological levels of glucosylceramide change the biophysical properties of artificial and cell membranes. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 340-346.	2.8	28
48	Trend Toward Individualization of the Endocrine and Exocrine Portions of the Giant Anteater Pancreas (<i>Myrmecophaga Tridactyla</i> , Xenarthra). <i>Anatomical Record</i> , 2017, 300, 1104-1113.	1.4	1
49	The molecular mechanism of Nystatin action is dependent on the membrane biophysical properties and lipid composition. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 30078-30088.	2.8	28
50	Development of lysosome-mimicking vesicles to study the effect of abnormal accumulation of sphingosine on membrane properties. <i>Scientific Reports</i> , 2017, 7, 3949.	3.3	23
51	Vascularization and VEGF expression altered in bovine yolk sacs from IVF and NT technologies. <i>Theriogenology</i> , 2017, 87, 290-297.	2.1	11
52	Endothelial differentiation of canine yolk sac cells transduced with VEGF. <i>Research in Veterinary Science</i> , 2016, 104, 71-76.	1.9	16
53	Egg and fourth instar larvae gut of <i>Aedes aegypti</i> as a source of stem cells. <i>Tissue and Cell</i> , 2016, 48, 558-565.	2.2	1
54	Vascularization and VEGF expression in bovine yolk sacs: Impact of reproductive techniques. <i>Placenta</i> , 2016, 45, 92-93.	1.5	1

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55	Combination of Bioactive Polymeric Membranes and Stem Cells for Periodontal Regeneration: In Vitro and In Vivo Analyses. PLoS ONE, 2016, 11, e0152412.	2.5	19
56	26 PILOT STUDY: YOLK SAC VEGF EXPRESSION IN BOVINE EMBRYOS FROM REPRODUCTIVE TECHNIQUES. Reproduction, Fertility and Development, 2016, 28, 143.	0.4	0
57	Efficacy of autologous stem cell-based therapy for osteonecrosis of the femoral head in sickle cell disease: a five-year follow-up study. Stem Cell Research and Therapy, 2015, 6, 110.	5.5	63
58	Tackling the biophysical properties of sphingolipids to decipher their biological roles. Biological Chemistry, 2015, 396, 597-609.	2.5	20
59	Molecular cloning and expression analysis of dmrt1 and sox9 during gonad development and male reproductive cycle in the lambari fish, Astyanax altiparanae. Reproductive Biology and Endocrinology, 2015, 13, 2.	3.3	55
60	Hybrid Membranes of PLLA/Collagen for Bone Tissue Engineering: A Comparative Study of Scaffold Production Techniques for Optimal Mechanical Properties and Osteoinduction Ability. Materials, 2015, 8, 408-423.	2.9	22
61	Bone Morphogenetic Proteins. Vitamins and Hormones, 2015, 99, 293-322.	1.7	66
62	Characterization of Campylobacter jejuni and Campylobacter coli Genotypes in Poultry Flocks by Restriction Fragment Length Polymorphism (RFLP) Analysis. Methods in Molecular Biology, 2015, 1247, 311-321.	0.9	1
63	Isolation and characterization of novel RECK tumor suppressor gene splice variants. Oncotarget, 2015, 6, 33120-33133.	1.8	11
64	Recombinant human BMPs 2 and 4 expressed in mammalian cells aiming at bone tissue engineering and stem cell proliferation and differentiation. BMC Proceedings, 2014, 8, .	1.6	1
65	Bone Morphogenetic Proteins. Journal of Dental Research, 2014, 93, 335-345.	5.2	279
66	Bone Morphogenetic Proteins: Structure, biological function and therapeutic applications. Archives of Biochemistry and Biophysics, 2014, 561, 64-73.	3.0	146
67	Biophysical Implications of Sphingosine Accumulation in Membrane Properties at Neutral and Acidic pH. Journal of Physical Chemistry B, 2014, 118, 4858-4866.	2.6	19
68	Abstract 533: MicroRNA486-5p is a KRas target involved in promoting cell proliferation in lung cancer. , 2014, , .		0
69	Comparative Genotypic and Antimicrobial Susceptibility Analysis of Zoonotic Campylobacter Species Isolated from Broilers in a Nationwide Survey, Portugal. Journal of Food Protection, 2012, 75, 2100-2109.	1.7	10
70	Differential expression of CD90 and CD14 stem cell markers in malignant breast cancer cell lines. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2012, 81A, 1084-1091.	1.5	33
71	Abstract 3872: Differentially expressed stem cell markers in breast cancer stem cells. , 2011, , .		0
72	Abstract 2354: Characterization of three novel splice variants of the RECK tumor and metastasis suppressor gene. , 2011, , .		0

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73	Assessment of the effectiveness of a functional splint for osteoarthritis of the trapeziometacarpal joint on the dominant hand: a randomized controlled study. <i>Journal of Rehabilitation Medicine</i> , 2010, 42, 469-474.	1.1	95
74	NUCEL (Cell and Molecular Therapy Center): A Multidisciplinary Center for Translational Research in Brazil. <i>Molecular Biotechnology</i> , 2008, 39, 89-95.	2.4	6
75	Probing the SERCA1a sarcoplasmic reticulum Ca ²⁺ -ATPase phosphorylation-site mutant D351E with inorganic phosphate. <i>Brazilian Journal of Medical and Biological Research</i> , 2007, 40, 1323-1332.	1.5	0
76	Post-Transcriptional Control of RNA Expression in Cancer. , 0, , .		2
77	Development of a new decellularization protocol for the whole porcine heart. <i>Journal of Clinical and Translational Research</i> , 0, , .	0.3	3