

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	Technical challenges of working with extracellular vesicles. <i>Nanoscale</i> , 2018, 10, 881-906.	5.6	366
2	Bone Morphogenetic Proteins. <i>Journal of Dental Research</i> , 2014, 93, 335-345.	5.2	279
3	Bone Morphogenetic Proteins: Structure, biological function and therapeutic applications. <i>Archives of Biochemistry and Biophysics</i> , 2014, 561, 64-73.	3.0	146
4	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
5	Bone Morphogenetic Proteins. <i>Vitamins and Hormones</i> , 2015, 99, 293-322.	1.7	66
6	Efficacy of autologous stem cell-based therapy for osteonecrosis of the femoral head in sickle cell disease: a five-year follow-up study. <i>Stem Cell Research and Therapy</i> , 2015, 6, 110.	5.5	63
7	Molecular cloning and expression analysis of <i>dmrt1</i> and <i>sox9</i> during gonad development and male reproductive cycle in the lambari fish, <i>Astyanax altiparanae</i> . <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 2.	3.3	55
8	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
9	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
10	Differential expression of CD90 and CD14 stem cell markers in malignant breast cancer cell lines. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 1084-1091.	1.5	33
11	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
12	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
13	Mammalian sphingoid bases: Biophysical, physiological and pathological properties. <i>Progress in Lipid Research</i> , 2019, 75, 100988.	11.6	24
14	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
15	Hybrid Membranes of PLLA/Collagen for Bone Tissue Engineering: A Comparative Study of Scaffold Production Techniques for Optimal Mechanical Properties and Osteoinduction Ability. <i>Materials</i> , 2015, 8, 408-423.	2.9	22
16	Tackling the biophysical properties of sphingolipids to decipher their biological roles. <i>Biological Chemistry</i> , 2015, 396, 597-609.	2.5	20
17	Biophysical Implications of Sphingosine Accumulation in Membrane Properties at Neutral and Acidic pH. <i>Journal of Physical Chemistry B</i> , 2014, 118, 4858-4866.	2.6	19
18	Tamoxifen and bone morphogenetic 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

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19	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
20	Bacterial Cellulose and ECM Hydrogels: An Innovative Approach for Cardiovascular Regenerative Medicine. International Journal of Molecular Sciences, 2022, 23, 3955.	4.1	17
21	Endothelial differentiation of canine yolk sac cells transduced with VEGF. Research in Veterinary Science, 2016, 104, 71-76.	1.9	16
22	FAM3B/PANDER inhibits cell death and increases prostate tumor growth by modulating the expression of Bcl-2 and Bcl-XL cell survival genes. BMC Cancer, 2018, 18, 90.	2.6	14
23	Canine amniotic membrane mesenchymal stromal/stem cells: Isolation, characterization and differentiation. Tissue and Cell, 2019, 58, 99-106.	2.2	14
24	High CD90 (THY-1) expression positively correlates with cell transformation and worse prognosis in basal-like breast cancer tumors. PLoS ONE, 2018, 13, e0199254.	2.5	13
25	Spatio-temporal expression profile of matrix metalloproteinase (Mmp) modulators Reck and Sparc during the rat ovarian dynamics. Reproductive Biology and Endocrinology, 2018, 16, 116.	3.3	12
26	Vascularization and VEGF expression altered in bovine yolk sacs from IVF and NT technologies. Theriogenology, 2017, 87, 290-297.	2.1	11
27	Production, purification and characterization of recombinant human R-spondin1 (RSPO1) protein stably expressed in human HEK293 cells. BMC Biotechnology, 2020, 20, 5.	3.3	11
28	Uterine Tissue Engineering: Where We Stand and the Challenges Ahead. Tissue Engineering - Part B: Reviews, 2022, 28, 861-890.	4.8	11
29	Isolation and characterization of novel RECK tumor suppressor gene splice variants. Oncotarget, 2015, 6, 33120-33133.	1.8	11
30	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
31	Optimization of Canine Placenta Decellularization: An Alternative Source of Biological Scaffolds for Regenerative Medicine. Cells Tissues Organs, 2018, 205, 217-225.	2.3	10
32	Canine Placenta Recellularized Using Yolk Sac Cells with Vascular Endothelial Growth Factor. BioResearch Open Access, 2018, 7, 101-106.	2.6	10
33	Investigating the potential of the secretome of mesenchymal stem cells derived from sickle cell disease patients. PLoS ONE, 2019, 14, e0222093.	2.5	10
34	Functional impact of the long non-coding RNA MEG3 deletion by CRISPR/Cas9 in the human triple negative metastatic Hs578T cancer cell line. Oncology Letters, 2019, 18, 5941-5951.	1.8	10
35	Phenotype and multipotency of rabbit (Oryctolagus cuniculus) amniotic stem cells. Stem Cell Research and Therapy, 2017, 8, 27.	5.5	8
36	Calotropis procera (Aiton) Dryand (Apocynaceae) as an anti-cancer agent against canine mammary tumor and osteosarcoma cells. Research in Veterinary Science, 2021, 138, 79-89.	1.9	7

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37	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
38	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
39	Evaluation of immunohistopathological profile of tubular and solid canine mammary carcinomas. <i>Research in Veterinary Science</i> , 2021, 136, 119-126.	1.9	6
40	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
41	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
42	Proteomic profile of extracellular matrix from native and decellularized chorionic canine placenta. <i>Journal of Proteomics</i> , 2022, 256, 104497.	2.4	5
43	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
44	Development of a new decellularization protocol for the whole porcine heart. <i>Journal of Clinical and Translational Research</i> , 0, , .	0.3	3
45	Histidine-based hydrogels <i>via</i> singlet-oxygen photooxidation. <i>Soft Matter</i> , 2021, 17, 10926-10934.	2.7	3
46	Post-Transcriptional Control of RNA Expression in Cancer. , 0, , .		2
47	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
48	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
49	<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
50	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
51	ECM proteins involved in cell migration and vessel formation compromise bovine cloned placentation. <i>Theriogenology</i> , 2022, , .	2.1	2
52	Recombinant human BMPs 2 and 4 expressed in mammalian cells aiming at bone tissue engineering and stem cell proliferation and differentiation. <i>BMC Proceedings</i> , 2014, 8, .	1.6	1
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	Cochlear epithelial of dog fetuses: a new source of multipotent stem cells. <i>Cytotechnology</i> , 2017, 69, 179-189.	1.6	1
56	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
57	Characterization of rat liver bud-derived cells. <i>Tissue and Cell</i> , 2021, 71, 101510.	2.2	1
58	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
59	Characterization of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> Genotypes in Poultry Flocks by Restriction Fragment Length Polymorphism (RFLP) Analysis. <i>Methods in Molecular Biology</i> , 2015, 1247, 311-321.	0.9	1
60	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
61	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
62	Recellularization of canine placental extracellular matrix: mesenchymal stem cells applied to tissue bioengineering. <i>Placenta</i> , 2019, 83, e110.	1.5	0
63	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
64	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
65	<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
66	Abstract 3872: Differentially expressed stem cell markers in breast cancer stem cells. , 2011, , .		0
67	Abstract 2354: Characterization of three novel splice variants of the RECK tumor and metastasis suppressor gene. , 2011, , .		0
68	Abstract 533: MicroRNA486-5p is a KRas target involved in promoting cell proliferation in lung cancer. , 2014, , .		0
69	26 PILOT STUDY: YOLK SAC VEGF EXPRESSION IN BOVINE EMBRYOS FROM REPRODUCTIVE TECHNIQUES. <i>Reproduction, Fertility and Development</i> , 2016, 28, 143.	0.4	0
70	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
71	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
72	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

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73	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
74	Title is missing!. , 2019, 14, e0222093.		0
75	Title is missing!. , 2019, 14, e0222093.		0
76	Title is missing!. , 2019, 14, e0222093.		0
77	Title is missing!. , 2019, 14, e0222093.		0