

Joana P Miranda

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,424
citations

304743

22
h-index

345221

36
g-index

86
all docs

86
docs citations

86
times ranked

2415
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional spheroid cell culture of umbilical cord tissue-derived mesenchymal stromal cells leads to enhanced paracrine induction of wound healing. <i>Stem Cell Research and Therapy</i> , 2015, 6, 90.	5.5	141
2	Ochratoxin A-induced cytotoxicity, genotoxicity and reactive oxygen species in kidney cells: An integrative approach of complementary endpoints. <i>Food and Chemical Toxicology</i> , 2016, 87, 65-76.	3.6	88
3	Extending Hepatocyte Functionality for Drug-Testing Applications Using High-Viscosity Alginate-Encapsulated Three-Dimensional Cultures in Bioreactors. <i>Tissue Engineering - Part C: Methods</i> , 2010, 16, 1223-1232.	2.1	85
4	The Secretome Derived From 3D-Cultured Umbilical Cord Tissue MSCs Counteracts Manifestations Typifying Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2019, 10, 18.	4.8	78
5	Towards an Extended Functional Hepatocyte <i>In Vitro</i> Culture. <i>Tissue Engineering - Part C: Methods</i> , 2009, 15, 157-167.	2.1	74
6	Perfusion of 3D encapsulated hepatocytes: A synergistic effect enhancing long-term functionality in bioreactors. <i>Biotechnology and Bioengineering</i> , 2011, 108, 41-49.	3.3	71
7	Advanced preclinical models for evaluation of drug-induced liver injury – consensus statement by the European Drug-Induced Liver Injury Network [PRO-EURO-DILI-NET]. <i>Journal of Hepatology</i> , 2021, 75, 935-959.	3.7	66
8	A Critical Perspective on 3D Liver Models for Drug Metabolism and Toxicology Studies. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 626805.	3.7	59
9	Merging bioreactor technology with 3D hepatocyte-fibroblast culturing approaches: Improved in vitro models for toxicological applications. <i>Toxicology in Vitro</i> , 2011, 25, 825-832.	2.4	45
10	Minimum Information about T Regulatory Cells: A Step toward Reproducibility and Standardization. <i>Frontiers in Immunology</i> , 2017, 8, 1844.	4.8	43
11	Self-assembled 3D spheroids and hollow-fibre bioreactors improve MSC-derived hepatocyte-like cell maturation in vitro. <i>Archives of Toxicology</i> , 2017, 91, 1815-1832.	4.2	38
12	The manganese(III) porphyrin MnTnHex-2-PyP5+ modulates intracellular ROS and breast cancer cell migration: Impact on doxorubicin-treated cells. <i>Redox Biology</i> , 2019, 20, 367-378.	9.0	37
13	The Human Umbilical Cord Tissue-Derived MSC Population UCX ⁺ Promotes Early Motogenic Effects on Keratinocytes and Fibroblasts and G-CSF-Mediated Mobilization of BM-MSCs when Transplanted In Vivo. <i>Cell Transplantation</i> , 2015, 24, 865-877.	2.5	36
14	Nonrandom karyotypic features in basal cell carcinomas of the skin. <i>Cancer Genetics and Cytogenetics</i> , 2001, 131, 109-119.	1.0	35
15	Revisiting the metabolic syndrome: the emerging role of aquaglyceroporins. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 1973-1988.	5.4	34
16	Mechanistic insights into the cytotoxicity and genotoxicity induced by glycidamide in human mammary cells. <i>Mutagenesis</i> , 2013, 28, 721-729.	2.6	32
17	The APE1 redox inhibitor E3330 reduces collective cell migration of human breast cancer cells and decreases chemoinvasion and colony formation when combined with docetaxel. <i>Chemical Biology and Drug Design</i> , 2017, 90, 561-571.	3.2	28
18	Umbilical cord tissue-derived mesenchymal stromal cells maintain immunomodulatory and angiogenic potencies after cryopreservation and subsequent thawing. <i>Cytotherapy</i> , 2017, 19, 360-370.	0.7	28

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19	The role of epigenetic modifiers in extended cultures of functional hepatocyte-like cells derived from human neonatal mesenchymal stem cells. <i>Archives of Toxicology</i> , 2017, 91, 2469-2489.	4.2	25
20	Hepatocyte spheroids as a competent in vitro system for drug biotransformation studies: nevirapine as a bioactivation case study. <i>Archives of Toxicology</i> , 2017, 91, 1199-1211.	4.2	25
21	Role of the Copper(II) Complex Cu[15]pyN ₅ in Intracellular ROS and Breast Cancer Cell Motility and Invasion. <i>Chemical Biology and Drug Design</i> , 2015, 86, 578-588.	3.2	24
22	Role of aquaporin-7 in ghrelin- and GLP-1-induced improvement of pancreatic β -cell function after sleeve gastrectomy in obese rats. <i>International Journal of Obesity</i> , 2017, 41, 1394-1402.	3.4	24
23	Differential effects of methoxyamine on doxorubicin cytotoxicity and genotoxicity in MDA-MB-231 human breast cancer cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 757, 140-147.	1.7	23
24	Impact of the APE1 Redox Function Inhibitor E3330 in Non-Small Cell Lung Cancer Cells Exposed to Cisplatin: Increased Cytotoxicity and Impairment of Cell Migration and Invasion. <i>Antioxidants</i> , 2020, 9, 550.	5.1	23
25	Synthesis and Biological Activity of 6-Selenocaffeine: Potential Modulator of Chemotherapeutic Drugs in Breast Cancer Cells. <i>Molecules</i> , 2013, 18, 5251-5264.	3.8	22
26	Unmasking efavirenz neurotoxicity: Time matters to the underlying mechanisms. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 105, 47-54.	4.0	21
27	Development of a recombinant indirect ELISA for the diagnosis of <i>Theileria</i> sp. (China) infection in small ruminants. <i>Parasitology Research</i> , 2006, 98, 561-567.	1.6	20
28	Aquaporin-7 and aquaporin-12 modulate the inflammatory phenotype of endocrine pancreatic beta-cells. <i>Archives of Biochemistry and Biophysics</i> , 2020, 691, 108481.	3.0	20
29	A multiple endpoint approach reveals potential in vitro anticancer properties of thymoquinone in human renal carcinoma cells. <i>Food and Chemical Toxicology</i> , 2020, 136, 111076.	3.6	18
30	3D-MSCs A151 ODN-loaded exosomes are immunomodulatory and reveal a proteomic cargo that sustains wound resolution. <i>Journal of Advanced Research</i> , 2022, 41, 113-128.	9.5	17
31	Ethanol Postpolymerization Treatment for Improving the Biocompatibility of Acrylic Resins. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	16
32	Cytotoxic effects of cadmium in mammary epithelial cells: Protective role of the macrocycle [15]pyN ₅ . <i>Food and Chemical Toxicology</i> , 2012, 50, 2180-2187.	3.6	14
33	Nevirapine Biotransformation Insights: An Integrated In Vitro Approach Unveils the Biocompetence and Glutathiolomic Profile of a Human Hepatocyte-Like Cell 3D Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3998.	4.1	10
34	Singularities of nevirapine metabolism: from sex-dependent differences to idiosyncratic toxicity. <i>Drug Metabolism Reviews</i> , 2019, 51, 76-90.	3.6	10
35	Identification of Antigenic Proteins of a <i>Theileria</i> Species Pathogenic for Small Ruminants in China Recognized by Antisera of Infected Animals. <i>Annals of the New York Academy of Sciences</i> , 2004, 1026, 161-164.	3.8	9
36	Structure-based virtual screening toward the discovery of novel inhibitors of the DNA repair activity of the human apurinic/apyrimidinic endonuclease 1. <i>Chemical Biology and Drug Design</i> , 2016, 88, 915-925.	3.2	9

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37	Identification of Homologous Genes of <i>T. annulata</i> Proteins in the Genome of <i>Theileria</i> sp. (China). <i>Annals of the New York Academy of Sciences</i> , 2006, 1081, 468-470.	3.8	7
38	Nevirapine modulation of paraoxonase-1 in the liver: An in vitro three-model approach. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 82, 147-153.	4.0	7
39	A narrative review of the migration and invasion features of non-small cell lung cancer cells upon xenobiotic exposure: insights from in vitro studies. <i>Translational Lung Cancer Research</i> , 2021, 10, 2698-2714.	2.8	7
40	The Secretome of Human Neonatal Mesenchymal Stem Cells Modulates Doxorubicin-Induced Cytotoxicity: Impact in Non-Tumor Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13072.	4.1	7
41	Immune Response of <i>Theileria</i> sp. infected Sheep to Recombinant <i>Theileria</i> Proteins. <i>Annals of the New York Academy of Sciences</i> , 2008, 1149, 186-190.	3.8	5
42	Sex differences in hepatic and intestinal contributions to nevirapine biotransformation in rats. <i>Chemico-Biological Interactions</i> , 2015, 233, 115-121.	4.0	5
43	Enantioselectivity of Pentedrone and Methydone on Metabolic Profiling in 2D and 3D Human Hepatocyte-like Cells. <i>Pharmaceuticals</i> , 2022, 15, 368.	3.8	5
44	The European Registered Toxicologist (ERT): Current status and prospects for advancement. <i>Toxicology Letters</i> , 2016, 259, 151-155.	0.8	4
45	Pyridine-Containing Macrocycles Display MMP-2/9 Inhibitory Activity and Distinct Effects on Migration and Invasion of 2D and 3D Breast Cancer Models. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5109.	4.1	4
46	Establishment of optimal conditions for long-term culture of erythrocytic stages of <i>Theileria uilenbergi</i> . <i>American Journal of Veterinary Research</i> , 2006, 67, 1908-1913.	0.6	3
47	Combined effect of the SOD mimic MnTnHex-2-PyP5+ and doxorubicin on the migration and invasiveness of breast cancer cells. <i>Toxicology Letters</i> , 2013, 221, S70-S71.	0.8	3
48	Mesenchymal Stem Cells for Cutaneous Wound Healing. <i>Learning Materials in Biosciences</i> , 2020, , 247-267.	0.4	3
49	Interdisciplinary Class Observation in Higher Education: Lessons Learned from the Professional Development Experience of Four Teachers. <i>Education Sciences</i> , 2021, 11, 706.	2.6	2
50	Identification and Characterization of Merozoite Antigens of a <i>Theileria</i> Species Highly Pathogenic for Small Ruminants in China. <i>Annals of the New York Academy of Sciences</i> , 2006, 1081, 443-452.	3.8	1
51	The 2-hydroxy-nevirapine metabolite as a candidate for boosting apolipoprotein A1 and for modulating anti-HDL antibodies. <i>Pharmacological Research</i> , 2021, 165, 105446.	7.1	1
52	Editorial: The 11th Edition of the International Meeting of the SPCE-TC: Advances in Stem Cells and Cell Therapies. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 720554.	3.7	1
53	I-30. EFEITO DA BIODEGRADAÇÃO NA CITOTOXICIDADE DE RESINAS ACRÍLICAS DE REBASAMENTO. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , 2012, 53, e12.	0.0	0
54	Effect of APE1 inhibitors on the cytotoxicity and genotoxicity of doxorubicin in MDA-MB-231 cells. <i>Toxicology Letters</i> , 2013, 221, S92.	0.8	0

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55	Development of a 3D suspension culture system of umbilical cord-derived mesenchymal stromal cells (UCX [®]) for potential in vitro toxicological applications. Toxicology Letters, 2013, 221, S144.	0.8	0
56	Sex differences in hepatic and intestinal contributions for nevirapine biotransformation. Toxicology Letters, 2014, 229, S240-S241.	0.8	0
57	Effects of salivary acetylcholinesterase on the cytotoxicity of acrylic relines. Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial, 2014, 55, 7-13.	0.0	0
58	Off-the-shelf hepatocyte-like cells (HLCs): Characterization of cryopreserved human mesenchymal stem cell-derived HLCs. Toxicology Letters, 2016, 258, S156.	0.8	0
59	Improving hepatocyte-like cells (HLCs) derived from hnMSC for toxicology applications using 3D culture systems. Toxicology Letters, 2017, 280, S49.	0.8	0
60	Recruitment of bone marrow-derived mesenchymal stromal cells by umbilical cord-derived mesenchymal stromal cells via G-CSF-mediated mechanism promotes wound healing in vivo. Toxicology Letters, 2017, 280, S298.	0.8	0