Joana P Miranda

List of Publications by Year
in descending order

60 papers	1,424 citations	304368 22 h-index	344852 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. Stem Cell Research and Therapy, 2015, 6, 90.	2.4	141
2	Ochratoxin A-induced cytotoxicity, genotoxicity and reactive oxygen species in kidney cells: An integrative approach of complementary endpoints. Food and Chemical Toxicology, 2016, 87, 65-76.	1.8	88
3	Extending Hepatocyte Functionality for Drug-Testing Applications Using High-Viscosity Alginateâ€“Encapsulated Three-Dimensional Cultures in Bioreactors. Tissue Engineering - Part C: Methods, 2010, 16, 1223-1232.	1.1	85
4	The Secretome Derived From 3D-Cultured Umbilical Cord Tissue MSCs Counteracts Manifestations Typifying Rheumatoid Arthritis. Frontiers in Immunology, 2019, 10, 18.	2.2	78
5	Towards an Extended Functional HepatocyteIn VitroCulture. Tissue Engineering - Part C: Methods, 2009, 15, 157-167.	1.1	74
6	Perfusion of 3D encapsulated hepatocytesâ€”A synergistic effect enhancing longâ€term functionality in bioreactors. Biotechnology and Bioengineering, 2011, 108, 41-49.	1.7	71
7	Advanced preclinical models for evaluation of drug-induced liver injury â€“ consensus statement by the European Drug-Induced Liver Injury Network [PRO-EURO-DILI-NET]. Journal of Hepatology, 2021, 75, 935-959.	1.8	66
8	A Critical Perspective on 3D Liver Models for Drug Metabolism and Toxicology Studies. Frontiers in Cell and Developmental Biology, 2021, 9, 626805.	1.8	59
9	Merging bioreactor technology with 3D hepatocyte-fibroblast culturing approaches: Improved in vitro models for toxicological applications. Toxicology in Vitro, 2011, 25, 825-832.	1.1	45
10	Minimum Information about T Regulatory Cells: A Step toward Reproducibility and Standardization. Frontiers in Immunology, 2017, 8, 1844.	2.2	43
11	Self-assembled 3D spheroids and hollow-fibre bioreactors improve MSC-derived hepatocyte-like cell maturation in vitro. Archives of Toxicology, 2017, 91, 1815-1832.	1.9	38
12	The manganese(III) porphyrin MnTnHex-2-PyP5+ modulates intracellular ROS and breast cancer cell migration: Impact on doxorubicin-treated cells. Redox Biology, 2019, 20, 367-378.	3.9	37
13	The Human Umbilical Cord Tissue-Derived MSC Population UCX^{Â®}Promotes Early Motogenic Effects on Keratinocytes and Fibroblasts and G-CSF-Mediated Mobilization of BM-MSCs when Transplanted In Vivo. Cell Transplantation, 2015, 24, 865-877.	1.2	36
14	Nonrandom karyotypic features in basal cell carcinomas of the skin. Cancer Genetics and Cytogenetics, 2001, 131, 109-119.	1.0	35
15	Revisiting the metabolic syndrome: the emerging role of aquaglyceroporins. Cellular and Molecular Life Sciences, 2018, 75, 1973-1988.	2.4	34
16	Mechanistic insights into the cytotoxicity and genotoxicity induced by glycidamide in human mammary cells. Mutagenesis, 2013, 28, 721-729.	1.0	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. Chemical Biology and Drug Design, 2017, 90, 561-571.	1.5	28
18	Umbilical cord tissueâ€“derived mesenchymal stromal cells maintain immunomodulatory and angiogenic potencies after cryopreservation and subsequent thawing. Cytotherapy, 2017, 19, 360-370.	0.3	28

#	Article	IF	Citations
19	The role of epigenetic modifiers in extended cultures of functional hepatocyte-like cells derived from human neonatal mesenchymal stem cells. Archives of Toxicology, 2017, 91, 2469-2489.	1.9	25
20	Hepatocyte spheroids as a competent in vitro system for drug biotransformation studies: nevirapine as a bioactivation case study. Archives of Toxicology, 2017, 91, 1199-1211.	1.9	25
21	Role of the Copper(<scp>II</scp>) Complex Cu[15]pyN₅ in Intracellular <scp>ROS</scp> and Breast Cancer Cell Motility and Invasion. Chemical Biology and Drug Design, 2015, 86, 578-588.	1.5	24
22	Role of aquaporin-7 in ghrelin- and GLP-1-induced improvement of pancreatic Î²-cell function after sleeve gastrectomy in obese rats. International Journal of Obesity, 2017, 41, 1394-1402.	1.6	24
23	Differential effects of methoxyamine on doxorubicin cytotoxicity and genotoxicity in MDA-MB-231 human breast cancer cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 757, 140-147.	0.9	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. Antioxidants, 2020, 9, 550.	2.2	23
25	Synthesis and Biological Activity of 6-Selenocaffeine: Potential Modulator of Chemotherapeutic Drugs in Breast Cancer Cells. Molecules, 2013, 18, 5251-5264.	1.7	22
26	Unmasking efavirenz neurotoxicity: Time matters to the underlying mechanisms. European Journal of Pharmaceutical Sciences, 2017, 105, 47-54.	1.9	21
27	Development of a recombinant indirect ELISA for the diagnosis of Theileria sp. (China) infection in small ruminants. Parasitology Research, 2006, 98, 561-567.	0.6	20
28	Aquaporin-7 and aquaporin-12 modulate the inflammatory phenotype of endocrine pancreatic beta-cells. Archives of Biochemistry and Biophysics, 2020, 691, 108481.	1.4	20
29	A multiple endpoint approach reveals potential in vitro anticancer properties of thymoquinone in human renal carcinoma cells. Food and Chemical Toxicology, 2020, 136, 111076.	1.8	18
30	3D-MSCs A151 ODN-loaded exosomes are immunomodulatory and reveal a proteomic cargo that sustains wound resolution. Journal of Advanced Research, 2022, 41, 113-128.	4.4	17
31	Ethanol Postpolymerization Treatment for Improving the Biocompatibility of Acrylic Reline Resins. BioMed Research International, 2013, 2013, 1-9.	0.9	16
32	Cytotoxic effects of cadmium in mammary epithelial cells: Protective role of the macrocycle [15]pyN5. Food and Chemical Toxicology, 2012, 50, 2180-2187.	1.8	14
33	Nevirapine Biotransformation Insights: An Integrated In Vitro Approach Unveils the Biocompetence and Glutathiolomic Profile of a Human Hepatocyte-Like Cell 3D Model. International Journal of Molecular Sciences, 2020, 21, 3998.	1.8	10
34	Singularities of nevirapine metabolism: from sex-dependent differences to idiosyncratic toxicity. Drug Metabolism Reviews, 2019, 51, 76-90.	1.5	10
35	Identification of Antigenic Proteins of aTheileriaSpecies Pathogenic for Small Ruminants in China Recognized by Antisera of Infected Animals. Annals of the New York Academy of Sciences, 2004, 1026, 161-164.	1.8	9
36	Structureâ€based virtual screening toward the discovery of novel inhibitors of the <scp>DNA</scp> repair activity of the human apurinic/apyrimidinic endonuclease 1. Chemical Biology and Drug Design, 2016, 88, 915-925.	1.5	9

#	Article	IF	Citations
37	Identification of Homologous Genes ofT. annulataProteins in the Genome ofTheileriasp. (China). Annals of the New York Academy of Sciences, 2006, 1081, 468-470.	1.8	7
38	Nevirapine modulation of paraoxonase-1 in the liver: An in vitro three-model approach. European Journal of Pharmaceutical Sciences, 2016, 82, 147-153.	1.9	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. Translational Lung Cancer Research, 2021, 10, 2698-2714.	1.3	7
40	The Secretome of Human Neonatal Mesenchymal Stem Cells Modulates Doxorubicin-Induced Cytotoxicity: Impact in Non-Tumor Cells. International Journal of Molecular Sciences, 2021, 22, 13072.	1.8	7
41	Immune Response of Theileria sp.â€infected Sheep to Recombinant Theileria Proteins. Annals of the New York Academy of Sciences, 2008, 1149, 186-190.	1.8	5
42	Sex differences in hepatic and intestinal contributions to nevirapine biotransformation in rats. Chemico-Biological Interactions, 2015, 233, 115-121.	1.7	5
43	Enantioselectivity of Pentedrone and Methylone on Metabolic Profiling in 2D and 3D Human Hepatocyte-like Cells. Pharmaceuticals, 2022, 15, 368.	1.7	5
44	The European Registered Toxicologist (ERT): Current status and prospects for advancement. Toxicology Letters, 2016, 259, 151-155.	0.4	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. International Journal of Molecular Sciences, 2019, 20, 5109.	1.8	4
46	Establishment of optimal conditions for long-term culture of erythrocytic stages ofTheileria uilenbergi. American Journal of Veterinary Research, 2006, 67, 1908-1913.	0.3	3
47	Combined effect of the SOD mimic MnTnHex-2-PyP5+ and doxorubicin on the migration and invasiveness of breast cancer cells. Toxicology Letters, 2013, 221, S70-S71.	0.4	3
48	Mesenchymal Stem Cells for Cutaneous Wound Healing. Learning Materials in Biosciences, 2020, , 247-267.	0.2	3
49	Interdisciplinary Class Observation in Higher Education: Lessons Learned from the Professional Development Experience of Four Teachers. Education Sciences, 2021, 11, 706.	1.4	2
50	Identification and Characterization of Merozoite Antigens of aTheileriaSpecies Highly Pathogenic for Small Ruminants in China. Annals of the New York Academy of Sciences, 2006, 1081, 443-452.	1.8	1
51	The 2-hydroxy-nevirapine metabolite as a candidate for boosting apolipoprotein A1 and for modulating anti-HDL antibodies. Pharmacological Research, 2021, 165, 105446.	3.1	1
52	Editorial: The 11th Edition of the International Meeting of the SPCE-TC: Advances in Stem Cells and Cell Therapies. Frontiers in Cell and Developmental Biology, 2021, 9, 720554.	1.8	1
53	I-30. EFEITO DA BIODEGRADAÃ‡ÃƒO NA CITOTOXICIDADE DE RESINAS ACRÃLICAS DE REBASAMENTO. Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial, 2012, 53, e12.	0.1	0
54	Effect of APE1 inhibitors on the cytotoxicity and genotoxicity of doxorubicin in MDA-MB-231 cells. Toxicology Letters, 2013, 221, S92.	0.4	0

#	Article	IF	Citations
55	Development of a 3D suspension culture system of umbilical cord-derived mesenchymal stromal cells (UCXÂ®) for potential in vitro toxicological applications. Toxicology Letters, 2013, 221, S144.	0.4	0
56	Sex differences in hepatic and intestinal contributions for nevirapine biotransformation. Toxicology Letters, 2014, 229, S240-S241.	0.4	0
57	Effects of salivary acetylcholinesterase on the cytotoxicity of acrylic reline resins. Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial, 2014, 55, 7-13.	0.1	0
58	Off-the-shelf hepatocyte-like cells (HLCs): Characterization of cryopreserved human mesenchymal stem cell-derived HLCs. Toxicology Letters, 2016, 258, S156.	0.4	0
59	Improving hepatocyte-like cells (HLCs) derived from hnMSC for toxicology applications using 3D culture systems. Toxicology Letters, 2017, 280, S49.	0.4	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.	0.4	0