

Augusto Pessina

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2644420/publications.pdf>

Version: 2024-02-01

59
papers

2,591
citations

236925

25
h-index

189892

50
g-index

60
all docs

60
docs citations

60
times ranked

3847
citing authors

#	ARTICLE	IF	CITATIONS
1	Paclitaxel is incorporated by mesenchymal stromal cells and released in exosomes that inhibit in vitro tumor growth: A new approach for drug delivery. <i>Journal of Controlled Release</i> , 2014, 192, 262-270.	9.9	697
2	Mesenchymal Stromal Cells Primed with Paclitaxel Provide a New Approach for Cancer Therapy. <i>PLoS ONE</i> , 2011, 6, e28321.	2.5	146
3	Mesenchymal Stem/Stromal Cells: A New '''Cells as Drugs''' Paradigm. Efficacy and Critical Aspects in Cell Therapy. <i>Current Pharmaceutical Design</i> , 2013, 19, 2459-2473.	1.9	144
4	Differential effects of extracellular vesicles secreted by mesenchymal stem cells from different sources on glioblastoma cells. <i>Expert Opinion on Biological Therapy</i> , 2015, 15, 495-504.	3.1	140
5	Mesenchymal stem/stromal cell extracellular vesicles: From active principle to next generation drug delivery system. <i>Journal of Controlled Release</i> , 2017, 262, 104-117.	9.9	121
6	Ex Vivo Expanded Mesenchymal Stromal Cell Minimal Quality Requirements for Clinical Application. <i>Stem Cells and Development</i> , 2015, 24, 677-685.	2.1	79
7	Mesenchymal stromal cells primed with <sc>P</sc>aclitaxel attract and kill leukaemia cells, inhibit angiogenesis and improve survival of leukaemia-bearing mice. <i>British Journal of Haematology</i> , 2013, 160, 766-778.	2.5	67
8	The key role of adult stem cells: therapeutic perspectives. <i>Current Medical Research and Opinion</i> , 2006, 22, 2287-2300.	1.9	66
9	Angiogenic and anti-inflammatory properties of micro-fragmented fat tissue and its derived mesenchymal stromal cells. <i>Vascular Cell</i> , 2016, 8, 3.	0.2	66
10	Human amniotic mesenchymal stromal cells (hAMSCs) as potential vehicles for drug delivery in cancer therapy: an in vitro study. <i>Stem Cell Research and Therapy</i> , 2015, 6, 155.	5.5	60
11	Drug Loaded Gingival Mesenchymal Stromal Cells (GinPa-MSCs) Inhibit In Vitro Proliferation of Oral Squamous Cell Carcinoma. <i>Scientific Reports</i> , 2017, 7, 9376.	3.3	60
12	Hematotoxicity Testing by Cell Clonogenic Assay in Drug Development and Preclinical Trials. <i>Current Pharmaceutical Design</i> , 2005, 11, 1055-1065.	1.9	59
13	Human mesenchymal stromal cells inhibit tumor growth in orthotopic glioblastoma xenografts. <i>Stem Cell Research and Therapy</i> , 2017, 8, 53.	5.5	57
14	Mesenchymal stromal cells loaded with paclitaxel induce cytotoxic damage in glioblastoma brain xenografts. <i>Stem Cell Research and Therapy</i> , 2015, 6, 194.	5.5	56
15	The Use of <i>In Vitro</i> Systems for Evaluating Haematotoxicity. <i>ATLA Alternatives To Laboratory Animals</i> , 1996, 24, 211-231.	1.0	50
16	In Vitro Anticancer Activity of Extracellular Vesicles (EVs) Secreted by Gingival Mesenchymal Stromal Cells Primed with Paclitaxel. <i>Pharmaceutics</i> , 2019, 11, 61.	4.5	44
17	Gemcitabine-releasing mesenchymal stromal cells inhibit in vitro proliferation of human pancreatic carcinoma cells. <i>Cytotherapy</i> , 2015, 17, 1687-1695.	0.7	43
18	Long-Lasting Anti-Inflammatory Activity of Human Microfragmented Adipose Tissue. <i>Stem Cells International</i> , 2019, 2019, 1-13.	2.5	42

#	ARTICLE	IF	CITATIONS
19	Cell-mediated drug delivery by gingival interdental papilla mesenchymal stromal cells (GinPa-MSCs) loaded with paclitaxel. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 789-798.	5.0	39
20	Paclitaxel-releasing mesenchymal stromal cells inhibit the growth of multiple myeloma cells in a dynamic 3D culture system. <i>Hematological Oncology</i> , 2017, 35, 693-702.	1.7	39
21	Paclitaxel-releasing mesenchymal stromal cells inhibit in vitro proliferation of human mesothelioma cells. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 755-758.	5.6	36
22	Intra-Articular Administration of Autologous Micro-Fragmented Adipose Tissue in Dogs with Spontaneous Osteoarthritis: Safety, Feasibility, and Clinical Outcomes. <i>Stem Cells Translational Medicine</i> , 2018, 7, 819-828.	3.3	32
23	Drug-releasing mesenchymal cells strongly suppress B16 lung metastasis in a syngeneic murine model. <i>Journal of Experimental and Clinical Cancer Research</i> , 2015, 34, 82.	8.6	30
24	Mesenchymal stromal cells and their secreted extracellular vesicles as therapeutic tools for COVID-19 pneumonia?. <i>Journal of Controlled Release</i> , 2020, 325, 135-140.	9.9	28
25	Role of SR-4987 stromal cells in the modulation of Doxorubicin toxicity to in vitro granulocyte-macrophage progenitors (CFU-GM). <i>Life Sciences</i> , 1999, 65, 513-523.	4.3	27
26	Microfragmented human fat tissue is a natural scaffold for drug delivery: Potential application in cancer chemotherapy. <i>Journal of Controlled Release</i> , 2019, 302, 2-18.	9.9	26
27	Fluorescent Immortalized Human Adipose Derived Stromal Cells (hASCs-TS/GFP+) for Studying Cell Drug Delivery Mediated by Microvesicles. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1578-1585.	1.7	23
28	Establishment and characterization of a new murine cell line (SR-4987) derived from marrow stromal cells. <i>Cytotechnology</i> , 1992, 8, 93-102.	1.6	20
29	Automated Large-Scale Production of Paclitaxel Loaded Mesenchymal Stromal Cells for Cell Therapy Applications. <i>Pharmaceutics</i> , 2020, 12, 411.	4.5	20
30	Human mesenchymal stromal cells can uptake and release ciprofloxacin, acquiring in vitro anti-bacterial activity. <i>Cytotherapy</i> , 2014, 16, 181-190.	0.7	19
31	<i>In Vitro</i> Tests for Haematotoxicity: Prediction of Drug-induced Myelosuppression by the CFU-GM Assay. <i>ATLA Alternatives To Laboratory Animals</i> , 2002, 30, 75-79.	1.0	18
32	Uptake-release by MSCs of a cationic platinum(II) complex active in vitro on human malignant cancer cell lines. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 111-118.	5.6	18
33	Prevalidation of the Rat CFU-GM Assay for In Vitro Toxicology Applications. <i>ATLA Alternatives To Laboratory Animals</i> , 2010, 38, 105-117.	1.0	17
34	Paclitaxel-Loaded Silk Fibroin Nanoparticles: Method Validation by UHPLC-MS/MS to Assess an Exogenous Approach to Load Cytotoxic Drugs. <i>Pharmaceutics</i> , 2019, 11, 285.	4.5	15
35	Human CD14+ cells loaded with Paclitaxel inhibit in vitro cell proliferation of glioblastoma. <i>Cytotherapy</i> , 2015, 17, 310-319.	0.7	13
36	Topoisomerase I inhibitors and drug resistance. , 1998, 27, 149-164.		12

#	ARTICLE	IF	CITATIONS
37	A Nonenzymatic and Automated Closed-Cycle Process for the Isolation of Mesenchymal Stromal Cells in Drug Delivery Applications. <i>Stem Cells International</i> , 2018, 2018, 1-10.	2.5	12
38	Inhibition of murine leukemia (WEHI-3B and L1210) proliferation by cholera toxin B subunit. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1989, 1013, 206-211.	4.1	11
39	A mesenchymal stromal cell line resistant to paclitaxel that spontaneously differentiates into osteoblast-like cells. <i>Cell Biology and Toxicology</i> , 2011, 27, 169-180.	5.3	10
40	Human skin-derived fibroblasts acquire in vitro anti-tumor potential after priming with Paclitaxel. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 523-30.	1.7	10
41	A Methylcellulose Microculture Assay for the <i>In Vitro</i> Assessment of Drug Toxicity on Granulocyte/macrophage Progenitors (CFU-GM). <i>ATLA Alternatives To Laboratory Animals</i> , 2004, 32, 17-23.	1.0	9
42	Microbiological Risk Assessment in Stem Cell Manipulation. <i>Critical Reviews in Microbiology</i> , 2008, 34, 1-12.	6.1	9
43	Fibronectin-adherent peripheral blood derived mononuclear cells as Paclitaxel carriers for glioblastoma treatment: An in vitro study. <i>Cytotherapy</i> , 2017, 19, 721-734.	0.7	9
44	Human Olfactory Bulb Neural Stem Cells (Hu-OBNSCs) Can Be Loaded with Paclitaxel and Used to Inhibit Glioblastoma Cell Growth. <i>Pharmaceutics</i> , 2019, 11, 45.	4.5	9
45	Paclitaxel Priming of TRAIL Expressing Mesenchymal Stromal Cells (MSCs- TRAIL) Increases Antitumor Efficacy of Their Secretome. <i>Current Cancer Drug Targets</i> , 2021, 21, 213-222.	1.6	9
46	Inhibition of Human Malignant Pleural Mesothelioma Growth by Mesenchymal Stromal Cells. <i>Cells</i> , 2021, 10, 1427.	4.1	9
47	The Granulocyte/Macrophage Colony-Forming Unit Assay. , 1998, , 217-230.		9
48	Bcl-2 down modulation in WEHI-3B/CTRES cells resistant to Cholera Toxin (CT)-induced apoptosis. <i>Cell Research</i> , 2006, 16, 306-312.	12.0	8
49	Refinement and Optimisation of the Rat CFU-GM Assay to Incorporate the Use of Cryopreserved Bone-marrow Cells for <i>In Vitro</i> Toxicology Applications. <i>ATLA Alternatives To Laboratory Animals</i> , 2009, 37, 417-425.	1.0	8
50	Lab-on-Chip for testing myelotoxic effect of drugs and chemicals. <i>Microfluidics and Nanofluidics</i> , 2015, 19, 935-940.	2.2	7
51	Mesenchymal Stromal Cells Uptake and Release Paclitaxel without Reducing its Anticancer Activity. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015, 15, 400-405.	1.7	7
52	Modulation of EL-4 mouse lymphoma cell proliferation by macrophages and tumor related factors. <i>Blut</i> , 1984, 49, 45-51.	1.2	5
53	CD45+/CD133+positive cells expanded from umbilical cord blood expressing PDX-1 and markers of pluripotency. <i>Cell Biology International</i> , 2010, 34, 783-790.	3.0	5
54	Human mesenchymal stromal cells primed with paclitaxel, apart from displaying anti-tumor activity, maintain their immune regulatory functions in vitro. <i>Cytotherapy</i> , 2014, 16, 868-870.	0.7	5

#	ARTICLE	IF	CITATIONS
55	In Vitro Activity of Monofunctional Pt-II Complex Based on 8-Aminoquinoline against Human Glioblastoma. <i>Pharmaceutics</i> , 2021, 13, 2101.	4.5	5
56	Single-Shot Local Injection of Microfragmented Fat Tissue Loaded with Paclitaxel Induces Potent Growth Inhibition of Hepatocellular Carcinoma in Nude Mice. <i>Cancers</i> , 2021, 13, 5505.	3.7	4
57	Selection of a WEHI-3B leukemia cell subclone resistant to inhibition by cholera toxin. <i>Molecular and Cellular Biochemistry</i> , 2002, 233, 19-26.	3.1	2
58	Isolation of a colony-stimulating factor produced by L 1210 murine leukemia cells. <i>Blut</i> , 1987, 55, 499-504.	1.2	0
59	Secretion of Basic Fibroblast Growth Factor (FGF-2) by WEHI-3B Myelomonocytic Leukemia Cells. <i>Growth Factors</i> , 2002, 20, 121-129.	1.7	0