

Fernando A Fierro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2915251/publications.pdf>

Version: 2024-02-01

40
papers

1,838
citations

257101

24
h-index

301761

39
g-index

42
all docs

42
docs citations

42
times ranked

3646
citing authors

#	ARTICLE	IF	CITATIONS
1	Hematopoietic stem cells in co-culture with mesenchymal stromal cells - modeling the niche compartments in vitro. <i>Haematologica</i> , 2010, 95, 542-550.	1.7	190
2	Hypoxic Preconditioning of Mesenchymal Stromal Cells Induces Metabolic Changes, Enhances Survival, and Promotes Cell Retention In Vivo. <i>Stem Cells</i> , 2015, 33, 1818-1828.	1.4	171
3	Concise Review: MicroRNA Function in Multipotent Mesenchymal Stromal Cells. <i>Stem Cells</i> , 2014, 32, 1074-1082.	1.4	123
4	Effects on Proliferation and Differentiation of Multipotent Bone Marrow Stromal Cells Engineered to Express Growth Factors for Combined Cell and Gene Therapy. <i>Stem Cells</i> , 2011, 29, 1727-1737.	1.4	115
5	Notch signaling enhances osteogenic differentiation while inhibiting adipogenesis in primary human bone marrow stromal cells. <i>Experimental Hematology</i> , 2009, 37, 867-875.e1.	0.2	92
6	Zebrafish as an Emerging Model Organism to Study Angiogenesis in Development and Regeneration. <i>Frontiers in Physiology</i> , 2016, 7, 56.	1.3	92
7	Inhibition of platelet-derived growth factor receptor β by imatinib mesylate suppresses proliferation and alters differentiation of human mesenchymal stem cells in vitro. <i>Cell Proliferation</i> , 2007, 40, 355-366.	2.4	91
8	Characterization and <i>In Vivo</i> Testing of Mesenchymal Stem Cells Derived from Human Embryonic Stem Cells. <i>Tissue Engineering - Part A</i> , 2011, 17, 1517-1525.	1.6	85
9	Use of Human Mesenchymal Cells to Improve Vascularization in a Mouse Model for Scaffold-Based Dermal Regeneration. <i>Tissue Engineering - Part A</i> , 2009, 15, 1191-1200.	1.6	73
10	Marrow-derived mesenchymal stem cells: Role in epithelial tumor cell determination. <i>Clinical and Experimental Metastasis</i> , 2004, 21, 313-319.	1.7	69
11	Metastasis of cholangiocarcinoma is promoted by extended high-mannose glycans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7633-7644.	3.3	63
12	<i>In Vitro</i> Evaluation of Scaffolds for the Delivery of Mesenchymal Stem Cells to Wounds. <i>BioMed Research International</i> , 2015, 2015, 1-14.	0.9	52
13	Preclinical evaluation of mesenchymal stem cells overexpressing VEGF to treat critical limb ischemia. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016, 3, 16053.	1.8	50
14	miR-10a overexpression is associated with NPM1 mutations and MDM4 downregulation in intermediate-risk acute myeloid leukemia. <i>Experimental Hematology</i> , 2011, 39, 1030-1042.e7.	0.2	43
15	Concise Review: Stem Cells in Osteoimmunology. <i>Stem Cells</i> , 2017, 35, 1461-1467.	1.4	43
16	Human and feline adipose-derived mesenchymal stem cells have comparable phenotype, immunomodulatory functions, and transcriptome. <i>Stem Cell Research and Therapy</i> , 2017, 8, 69.	2.4	42
17	Acceleration of Fracture Healing by Overexpression of Basic Fibroblast Growth Factor in the Mesenchymal Stromal Cells. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1880-1893.	1.6	41
18	Nonstimulated Human Uncommitted Mesenchymal Stem Cells Express Cell Markers of Mesenchymal and Neural Lineages. <i>Stem Cells and Development</i> , 2005, 14, 408-414.	1.1	40

#	ARTICLE	IF	CITATIONS
19	BCR/ABL Expression of Myeloid Progenitors Increases β 21-Integrin Mediated Adhesion to Stromal Cells. <i>Journal of Molecular Biology</i> , 2008, 377, 1082-1093.	2.0	37
20	Combination product of dermal matrix, human mesenchymal stem cells, and timolol promotes diabetic wound healing in mice. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1353-1364.	1.6	34
21	Hypoxic pre-conditioning increases the infiltration of endothelial cells into scaffolds for dermal regeneration pre-seeded with mesenchymal stem cells. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 68.	1.8	33
22	Combining SDF-1/CXCR4 antagonism and chemotherapy in relapsed acute myeloid leukemia. <i>Leukemia</i> , 2009, 23, 393-396.	3.3	28
23	MicroRNA-23a mediates post-transcriptional regulation of CXCL12 in bone marrow stromal cells. <i>Haematologica</i> , 2014, 99, 997-1005.	1.7	28
24	Are Amniotic Fluid Products Stem Cell Therapies? A Study of Amniotic Fluid Preparations for Mesenchymal Stem Cells With Bone Marrow Comparison. <i>American Journal of Sports Medicine</i> , 2019, 47, 1230-1235.	1.9	26
25	Fibroblast Growth Factor 2 Regulates High Mobility Group A2 Expression in Human Bone Marrow-Derived Mesenchymal Stem Cells. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 2128-2137.	1.2	25
26	FGF2 Induces Migration of Human Bone Marrow Stromal Cells by Increasing Core Fucosylations on N-Glycans of Integrins. <i>Stem Cell Reports</i> , 2018, 11, 325-333.	2.3	25
27	The oncogene LRF is a survival factor in chondrosarcoma and contributes to tumor malignancy and drug resistance. <i>Carcinogenesis</i> , 2012, 33, 2076-2083.	1.3	21
28	Mesenchymal Stem Cells Respond to Hypoxia by Increasing Diacylglycerols. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 300-307.	1.2	15
29	MiR-134-mediated β 21 integrin expression and function in mesenchymal stem cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 3396-3404.	1.9	14
30	Neurogenic Potential of Engineered Mesenchymal Stem Cells Overexpressing VEGF. <i>Cellular and Molecular Bioengineering</i> , 2016, 9, 96-106.	1.0	13
31	Identification of a WNT5A-Responsive Degradation Domain in the Kinesin Superfamily Protein KIF26B. <i>Genes</i> , 2018, 9, 196.	1.0	13
32	Mesenchymal stem/stromal cells genetically engineered to produce vascular endothelial growth factor for revascularization in wound healing and ischemic conditions. <i>Transfusion</i> , 2019, 59, 893-897.	0.8	13
33	Mesenchymal Stromal Cells Regulate Sialylations of N-Glycans, Affecting Cell Migration and Survival. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6868.	1.8	10
34	Modeling Snyder-Robinson Syndrome in multipotent stromal cells reveals impaired mitochondrial function as a potential cause for deficient osteogenesis. <i>Scientific Reports</i> , 2019, 9, 15395.	1.6	7
35	High Mannose N-Glycans Promote Migration of Bone-Marrow-Derived Mesenchymal Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7194.	1.8	7
36	The Oncogene LRF Stimulates Proliferation of Mesenchymal Stem Cells and Inhibits Their Chondrogenic Differentiation. <i>Cartilage</i> , 2013, 4, 329-338.	1.4	4

#	ARTICLE	IF	CITATIONS
37	Real time PCR assays to detect and quantify the nematodes <i>Pratylenchus vulnus</i> and <i>Mesocriconema xenoplax</i> . <i>Crop Protection</i> , 2021, 145, 105617.	1.0	4
38	Combination product of dermal matrix, preconditioned human mesenchymal stem cells and timolol promotes wound healing in the porcine wound model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 1615-1623.	1.6	4
39	Clinically relevant formulation and conditions for transportation of genetically modified bone marrow mesenchymal stem cells engineered to overexpress vascular endothelial growth factor. <i>Cytotherapy</i> , 2015, 17, S42.	0.3	1
40	Small Animal Models of Tissue Regeneration. , 2011, , 379-391.		1