

Francisco F Dos Santos

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,680
citations

331259

21
h-index

580395

25
g-index

28
all docs

28
docs citations

28
times ranked

2478
citing authors

#	ARTICLE	IF	CITATIONS
1	Ex vivo expansion of human mesenchymal stem cells: A more effective cell proliferation kinetics and metabolism under hypoxia. <i>Journal of Cellular Physiology</i> , 2010, 223, 27-35.	2.0	252
2	Mesenchymal stem cells from umbilical cord matrix, adipose tissue and bone marrow exhibit different capability to suppress peripheral blood B, natural killer and T cells. <i>Stem Cell Research and Therapy</i> , 2013, 4, 125.	2.4	213
3	Toward a Clinical-Grade Expansion of Mesenchymal Stem Cells from Human Sources: A Microcarrier-Based Culture System Under Xeno-Free Conditions. <i>Tissue Engineering - Part C: Methods</i> , 2011, 17, 1201-1210.	1.1	209
4	Maximizing the ex vivo expansion of human mesenchymal stem cells using a microcarrier-based stirred culture system. <i>Journal of Biotechnology</i> , 2010, 146, 194-197.	1.9	158
5	A xenogeneic-free bioreactor system for the clinical-scale expansion of human mesenchymal stem/stromal cells. <i>Biotechnology and Bioengineering</i> , 2014, 111, 1116-1127.	1.7	129
6	Bioreactor design for clinical-grade expansion of stem cells. <i>Biotechnology Journal</i> , 2013, 8, 644-654.	1.8	98
7	Supercritical CO ₂ generating chitosan devices with controlled morphology. Potential application for drug delivery and mesenchymal stem cell culture. <i>Journal of Supercritical Fluids</i> , 2009, 48, 269-277.	1.6	62
8	Human mesenchymal stem cells from the umbilical cord matrix: Successful isolation and ex vivo expansion using serum-free culture media. <i>Biotechnology Journal</i> , 2013, 8, 448-458.	1.8	60
9	Differentiation of Human Umbilical Cord Matrix Mesenchymal Stem Cells into Neural-Like Progenitor Cells and Maturation into an Oligodendroglial-Like Lineage. <i>PLoS ONE</i> , 2014, 9, e111059.	1.1	57
10	Human Mesenchymal Stem Cell Expression Program upon Extended Ex-Vivo Cultivation, as Revealed by 2-DE-Based Quantitative Proteomics. <i>PLoS ONE</i> , 2012, 7, e43523.	1.1	51
11	Systematic delineation of optimal cytokine concentrations to expand hematopoietic stem/progenitor cells in co-culture with mesenchymal stem cells. <i>Molecular BioSystems</i> , 2010, 6, 1207.	2.9	48
12	Effect of human bone marrow mesenchymal stromal cells on cytokine production by peripheral blood naive, memory, and effector T cells. <i>Stem Cell Research and Therapy</i> , 2015, 6, 3.	2.4	48
13	Lipidomics of Mesenchymal Stromal Cells: Understanding the Adaptation of Phospholipid Profile in Response to Pro-Inflammatory Cytokines. <i>Journal of Cellular Physiology</i> , 2016, 231, 1024-1032.	2.0	41
14	Dynamic cell-cell interactions between cord blood haematopoietic progenitors and the cellular niche are essential for the expansion of CD34 ⁺ , CD34 ⁺ CD38 ⁺ and early lymphoid CD7 ⁺ cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2010, 4, 149-158.	1.3	37
15	Ex Vivo Expansion of Human Mesenchymal Stem Cells on Microcarriers. <i>Methods in Molecular Biology</i> , 2011, 698, 189-198.	0.4	31
16	Immunomodulatory effect of human bone marrow-derived mesenchymal stromal/stem cells on peripheral blood T cells from rheumatoid arthritis patients. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 16-28.	1.3	30
17	Osteogenic capacity of alkali-free bioactive glasses. <i>In vitro</i> studies. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2360-2365.	1.6	26
18	Direct Head-To-Head Comparison of Cationic Liposome-Mediated Gene Delivery to Mesenchymal Stem/Stromal Cells of Different Human Sources: A Comprehensive Study. <i>Human Gene Therapy Methods</i> , 2013, 24, 38-48.	2.1	24

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19	Human Bone Marrow-Derived Mesenchymal Stromal Cells Differentially Inhibit Cytokine Production by Peripheral Blood Monocytes Subpopulations and Myeloid Dendritic Cells. Stem Cells International, 2015, 2015, 1-15.	1.2	24
20	Isolation and ex vivo expansion of synovial mesenchymal stromal cells for cartilage repair. Cytotherapy, 2014, 16, 440-453.	0.3	23
21	Initial CD34 ⁺ cell enrichment of cord blood determines hematopoietic stem/progenitor cell yield upon Ex vivo expansion. Journal of Cellular Biochemistry, 2011, 112, 1822-1831.	1.2	22
22	Ex vivo expansion of cord blood haematopoietic stem/progenitor cells under physiological oxygen tensions: clear-cut effects on cell proliferation, differentiation and metabolism. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 1172-1181.	1.3	21
23	Stem cell bioengineering strategies to widen the therapeutic applications of haematopoietic stem/progenitor cells from umbilical cord blood. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 988-1003.	1.3	10
24	Human Bone Marrow Mesenchymal Stromal/Stem Cells Regulate the Proinflammatory Response of Monocytes and Myeloid Dendritic Cells from Patients with Rheumatoid Arthritis. Pharmaceutics, 2022, 14, 404.	2.0	5
25	Ex-vivo expansion of hematopoietic stem cells from umbilical cord blood. , 2011, , .		0
26	Study of the effects of electrospun poly(epsilon-caprolactone)/gelatin matrices on human mesenchymal stem cell culture. , 2013, , .		0
27	Mesenchymal Stem Cells For Cellular Therapies. , 2012, , 179-187.		0