Francisco F Dos Santos

List of Publications by Year
in descending order

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	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
2	Immunomodulatory effect of human bone marrowâ€derived mesenchymal stromal/stem cells on peripheral blood T cells from rheumatoid arthritis patients. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 16-28.	1.3	30
3	Osteogenic capacity of alkaliâ€free bioactive glasses. In vitro studies. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 2360-2365.	1.6	26
4	Lipidomics of Mesenchymal Stromal Cells: Understanding the Adaptation of Phospholipid Profile in Response to Pro-Inflammatory Cytokines. Journal of Cellular Physiology, 2016, 231, 1024-1032.	2.0	41
5	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
6	Effect of human bone marrow mesenchymal stromal cells on cytokine production by peripheral blood naive, memory, and effector T cells. Stem Cell Research and Therapy, 2015, 6, 3.	2.4	48
7	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
8	Ex vivoexpansion 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
9	Differentiation of Human Umbilical Cord Matrix Mesenchymal Stem Cells into Neural-Like Progenitor Cells and Maturation into an Oligodendroglial-Like Lineage. PLoS ONE, 2014, 9, e111059.	1.1	57
10	Isolation and ex vivo expansion of synovial mesenchymal stromal cells for cartilage repair. Cytotherapy, 2014, 16, 440-453.	0.3	23
11	A xenogeneicâ€free bioreactor system for the clinicalâ€scale expansion of human mesenchymal stem/stromal cells. Biotechnology and Bioengineering, 2014, 111, 1116-1127.	1.7	129
12	Direct Head-To-Head Comparison of Cationic Liposome-Mediated Gene Delivery to Mesenchymal Stem/Stromal Cells of Different Human Sources: A Comprehensive Study. Human Gene Therapy Methods, 2013, 24, 38-48.	2.1	24
13	Human mesenchymal stem cells from the umbilical cord matrix: Successful isolation and ex vivo expansion using serumâ€/xenoâ€free culture media. Biotechnology Journal, 2013, 8, 448-458.	1.8	60
14	Bioreactor design for clinicalâ€grade expansion of stem cells. Biotechnology Journal, 2013, 8, 644-654.	1.8	98
15	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. Stem Cell Research and Therapy, 2013, 4, 125.	2.4	213
16	Study of the effects of electrospun poly(epslon-caprolactone)/gelatin matrices on human mesenchymal stem cell culture. , 2013, , .		0
17	Human Mesenchymal Stem Cell Expression Program upon Extended Ex-Vivo Cultivation, as Revealed by 2-DE-Based Quantitative Proteomics. PLoS ONE, 2012, 7, e43523.	1.1	51
18	Mesenchymal Stem Cells For Cellular Therapies. , 2012, , 179-187.		0

#	Article	IF	Citations
19	Ex-vivo expansion of hematopoietic stem cells from umbilical cord blood. , 2011, , .		0
20	Ex Vivo Expansion of Human Mesenchymal Stem Cells on Microcarriers. Methods in Molecular Biology, 2011, 698, 189-198.	0.4	31
21	Toward a Clinical-Grade Expansion of Mesenchymal Stem Cells from Human Sources: A Microcarrier-Based Culture System Under Xeno-Free Conditions. Tissue Engineering - Part C: Methods, 2011, 17, 1201-1210.	1.1	209
22	Initial CD34⁺ cellâ€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
23	Ex vivo expansion of human mesenchymal stem cells: A more effective cell proliferation kinetics and metabolism under hypoxia. Journal of Cellular Physiology, 2010, 223, 27-35.	2.0	252
24	Maximizing the ex vivo expansion of human mesenchymal stem cells using a microcarrier-based stirred culture system. Journal of Biotechnology, 2010, 146, 194-197.	1.9	158
25	Dynamic cell-cell interactions between cord blood haematopoietic progenitors and the cellular niche are essential for the expansion of CD34⁺, CD34⁺CD38^{â^'}and early lymphoid CD7⁺cells. Journal of Tissue Engineering and Regenerative Medicine, 2010, 4, 149-158.	1.3	37
26	Systematic delineation of optimal cytokine concentrations to expand hematopoietic stem/progenitor cells in co-culture with mesenchymal stem cells. Molecular BioSystems, 2010, 6, 1207.	2.9	48
27	Supercritical CO2 generating chitosan devices with controlled morphology. Potential application for drug delivery and mesenchymal stem cell culture. Journal of Supercritical Fluids, 2009, 48, 269-277.	1.6	62