

Pedro Z Andrade

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,220
citations

623188

14
h-index

887659

17
g-index

20
all docs

20
docs citations

20
times ranked

1576
citing authors

#	ARTICLE	IF	CITATIONS
1	Scalable Manufacturing of Human Hematopoietic Stem/Progenitor Cells Exploiting a Co-culture Platform with Mesenchymal Stromal Cells. <i>Methods in Molecular Biology</i> , 2020, 2286, 107-120.	0.4	0
2	Developing a co-culture system for effective megakaryo/thrombopoiesis from umbilical cord blood hematopoietic stem/progenitor cells. <i>Cytotherapy</i> , 2015, 17, 428-442.	0.3	10
3	Stem cell bioengineering strategies to widen the therapeutic applications of haematopoietic stem/progenitor cells from umbilical cord blood. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 988-1003.	1.3	10
4	Ex vivo expansion of cord blood haematopoietic stem/progenitor cells under physiological oxygen tensions: clear-cut effects on cell proliferation, differentiation and metabolism. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 1172-1181.	1.3	21
5	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
6	A xeno-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
7	Proliferation extent of CD34+ cells as a key parameter to maximize megakaryocytic differentiation of umbilical cord blood-derived hematopoietic stem/progenitor cells in a two-stage culture protocol. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2014, 4, 50-55.	2.1	8
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	Bioreactor design for clinical-grade expansion of stem cells. <i>Biotechnology Journal</i> , 2013, 8, 644-654.	1.8	98
10	Mesenchymal Stem Cells For Cellular Therapies. , 2012, , 179-187.		0
11	Ex-vivo expansion of hematopoietic stem cells from umbilical cord blood. , 2011, , .		0
12	Ex Vivo Expansion of Human Mesenchymal Stem Cells on Microcarriers. <i>Methods in Molecular Biology</i> , 2011, 698, 189-198.	0.4	31
13	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
14	A novel method for human hematopoietic stem/progenitor cell isolation from umbilical cord blood based on immunoaffinity aqueous two-phase partitioning. <i>Biotechnology Letters</i> , 2011, 33, 2373-2377.	1.1	34
15	Initial CD34 ⁺ cell-enrichment of cord blood determines hematopoietic stem/progenitor cell yield upon Ex vivo expansion. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 1822-1831.	1.2	22
16	Gene delivery to human bone marrow mesenchymal stem cells by microporation. <i>Journal of Biotechnology</i> , 2011, 151, 130-136.	1.9	36
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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