

Kim C O connor

List of Publications by Citations

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22
papers

897
citations

13
h-index

23
g-index

23
ext. papers

977
ext. citations

4.3
avg, IF

3.98
L-index

#	Paper	IF	Citations
22	In vitro high-capacity assay to quantify the clonal heterogeneity in trilineage potential of mesenchymal stem cells reveals a complex hierarchy of lineage commitment. <i>Stem Cells</i> , 2010 , 28, 788-98	5.8	331
21	Review: ex vivo engineering of living tissues with adult stem cells. <i>Tissue Engineering</i> , 2006 , 12, 3007-19		193
20	Clonal analysis of the proliferation potential of human bone marrow mesenchymal stem cells as a function of potency. <i>Biotechnology and Bioengineering</i> , 2011 , 108, 2716-26	4.9	63
19	Dynamics of spheroid self-assembly in liquid-overlay culture of DU 145 human prostate cancer cells. <i>Biotechnology and Bioengineering</i> , 2001 , 72, 579-591	4.9	46
18	Extracellular matrix substrata alter adipocyte yield and lipogenesis in primary cultures of stromal-vascular cells from human adipose. <i>Biotechnology Letters</i> , 2003 , 25, 1967-72	3	40
17	Cell-surface expression of neuron-gial antigen 2 (NG2) and melanoma cell adhesion molecule (CD146) in heterogeneous cultures of marrow-derived mesenchymal stem cells. <i>Tissue Engineering - Part A</i> , 2013 , 19, 2253-66	3.9	35
16	Aggregation kinetics of well and poorly differentiated human prostate cancer cells. <i>Biotechnology and Bioengineering</i> , 2002 , 80, 580-8	4.9	34
15	Decoy TRAIL receptor CD264: a cell surface marker of cellular aging for human bone marrow-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2017 , 8, 201	8.3	26
14	Activation of CD74 inhibits migration of human mesenchymal stem cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2010 , 46, 566-72	2.6	21
13	Migratory response of mesenchymal stem cells to macrophage migration inhibitory factor and its antagonist as a function of colony-forming efficiency. <i>Biotechnology Letters</i> , 2010 , 32, 19-27	3	21
12	Small-molecule antagonist of macrophage migration inhibitory factor enhances migratory response of mesenchymal stem cells to bronchial epithelial cells. <i>Tissue Engineering - Part A</i> , 2009 , 15, 2335-46	3.9	18
11	Molecular Profiles of Cell-to-Cell Variation in the Regenerative Potential of Mesenchymal Stromal Cells. <i>Stem Cells International</i> , 2019 , 2019, 5924878	5	16
10	Monte Carlo simulation of LNCaP human prostate cancer cell aggregation in liquid-overlay culture. <i>Biotechnology Progress</i> , 2003 , 19, 1742-9	2.8	13
9	Restructuring dynamics of DU 145 and LNCaP prostate cancer spheroids. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2004 , 40, 262-7	2.6	11
8	Predicting aggregation kinetics of DU 145 prostate cancer cells in liquid-overlay culture. <i>Biotechnology Letters</i> , 2005 , 27, 1663-8	3	9
7	Survival of aging CD264 and CD264 populations of human bone marrow mesenchymal stem cells is independent of colony-forming efficiency. <i>Biotechnology and Bioengineering</i> , 2020 , 117, 223-237	4.9	8
6	Modeling suppression of cell death by Bcl-2 over-expression in myeloma NS0 6A1 cells. <i>Biotechnology Letters</i> , 2006 , 28, 1919-24	3	4

5	Immunohistochemical analysis of differentiation in static and mixed prostate cancer spheroids. <i>Journal of Cellular and Molecular Medicine</i> , 2003 , 7, 180-6	5.6	3
4	A cautionary tale about the use of colony-forming efficiency as a proxy for the survival of mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 292	8.3	3
3	High-capacity assay to quantify the clonal heterogeneity in potency of mesenchymal stem cells. <i>BMC Proceedings</i> , 2011 , 5 Suppl 8, O14	2.3	1
2	Dynamics of spheroid self-assembly in liquid-overlay culture of DU 145 human prostate cancer cells 2001 , 72, 579		1
1	Illuminating the Regenerative Properties of Stem Cells In Vivo with Bioluminescence Imaging. <i>Biotechnology Journal</i> , 2021 , 16, e2000248	5.6	0