Kim C O'connor

List of Publications by Year
in descending order

23 papers	1,048 citations	686830 13 h-index	713013 21 g-index
23 all docs	23 docs citations	23 times ranked	1555 citing authors

#	Article	IF	Citations
1	In Vitro High-Capacity Assay to Quantify the Clonal Heterogeneity in Trilineage Potential of Mesenchymal Stem Cells Reveals a Complex Hierarchy of Lineage Commitment. Stem Cells, 2010, 28, 788-798.	1.4	376
2	Review:Ex VivoEngineering of Living Tissues with Adult Stem Cells. Tissue Engineering, 2006, 12, 3007-3019.	4.9	218
3	Clonal analysis of the proliferation potential of human bone marrow mesenchymal stem cells as a function of potency. Biotechnology and Bioengineering, 2011, 108, 2716-2726.	1.7	70
4	Dynamics of spheroid self-assembly in liquid-overlay culture of DU 145 human prostate cancer cells. Biotechnology and Bioengineering, 2001, 72, 579-591.	1.7	55
5	Extracellular matrix substrata alter adipocyte yield and lipogenesis in primary cultures of stromal-vascular cells from human adipose. Biotechnology Letters, 2003, 25, 1967-1972.	1.1	48
6	Aggregation kinetics of well and poorly differentiated human prostate cancer cells. Biotechnology and Bioengineering, 2002, 80, 580-588.	1.7	40
7	Cell-Surface Expression of Neuron-Glial Antigen 2 (NG2) and Melanoma Cell Adhesion Molecule (CD146) in Heterogeneous Cultures of Marrow-Derived Mesenchymal Stem Cells. Tissue Engineering - Part A, 2013, 19, 2253-2266.	1.6	40
8	Decoy TRAIL receptor CD264: a cell surface marker of cellular aging for human bone marrow-derived mesenchymal stem cells. Stem Cell Research and Therapy, 2017, 8, 201.	2.4	36
9	Migratory response of mesenchymal stem cells to macrophage migration inhibitory factor and its antagonist as a function of colony-forming efficiency. Biotechnology Letters, 2010, 32, 19-27.	1.1	27
10	Activation of CD74 inhibits migration of human mesenchymal stem cells. In Vitro Cellular and Developmental Biology - Animal, 2010, 46, 566-572.	0.7	26
11	Molecular Profiles of Cell-to-Cell Variation in the Regenerative Potential of Mesenchymal Stromal Cells. Stem Cells International, 2019, 2019, 1-14.	1.2	24
12	Small-Molecule Antagonist of Macrophage Migration Inhibitory Factor Enhances Migratory Response of Mesenchymal Stem Cells to Bronchial Epithelial Cells. Tissue Engineering - Part A, 2009, 15, 2335-2346.	1.6	22
13	Monte Carlo Simulation of LNCaP Human Prostate Cancer Cell Aggregation in Liquid-Overlay Culture. Biotechnology Progress, 2003, 19, 1742-1749.	1.3	13
14	RESTRUCTURING DYNAMICS OF DU 145 AND LNCaP PROSTATE CANCER SPHEROIDS. In Vitro Cellular and Developmental Biology - Animal, 2004, 40, 262.	0.7	12
15	Survival of aging CD264⁺ and CD264^{â˜'} populations of human bone marrow mesenchymal stem cells is independent of colonyâ€forming efficiency. Biotechnology and Bioengineering, 2020, 117, 223-237.	1.7	11
16	Predicting Aggregation Kinetics of DU 145 Prostate Cancer Cells in Liquid-Overlay Culture. Biotechnology Letters, 2005, 27, 1663-1668.	1.1	10
17	A cautionary tale about the use of colony-forming efficiency as a proxy for the survival of mesenchymal stem cells. Stem Cell Research and Therapy, 2020, 11, 292.	2.4	7
18	Modeling suppression of cell death by Bcl-2 over-expression in myeloma NS0 6A1 cells. Biotechnology Letters, 2006, 28, 1919-1924.	1.1	5

#	Article	IF	Citations
19	Immunohistochemical analysis of differentiation in static and mixed prostate cancer spheroids. Journal of Cellular and Molecular Medicine, 2003, 7, 180-186.	1.6	4
20	Illuminating the Regenerative Properties of Stem Cells In Vivo with Bioluminescence Imaging. Biotechnology Journal, 2021, 16, e2000248.	1.8	2
21	High-capacity assay to quantify the clonal heterogeneity in potency of mesenchymal stem cells. BMC Proceedings, 2011, 5, O14.	1.8	1
22	Dynamics of spheroid self-assembly in liquid-overlay culture of DU 145 human prostate cancer cells. , 2001, 72, 579.		1
23	Back Cover Image, Volume 117, Number 1, January 2020. Biotechnology and Bioengineering, 2020, 117, ii.	1.7	0