

Kevin M Curtis

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

851
citations

471371

17
h-index

752573

20
g-index

21
all docs

21
docs citations

21
times ranked

1767
citing authors

#	ARTICLE	IF	CITATIONS
1	EF1 β and RPL13a represent normalization genes suitable for RT-qPCR analysis of bone marrow derived mesenchymal stem cells. BMC Molecular Biology, 2010, 11, 61.	3.0	83
2	Na-K-Cl cotransporter-1 in the mechanism of cell swelling in cultured astrocytes after fluid percussion injury. Journal of Neurochemistry, 2011, 117, 437-448.	2.1	76
3	EGF and bFGF pre-treatment enhances neural specification and the response to neuronal commitment of MIAMI cells. Differentiation, 2010, 80, 213-227.	1.0	69
4	Aquaporin-4 Expression in Cultured Astrocytes after Fluid Percussion Injury. Journal of Neurotrauma, 2011, 28, 371-381.	1.7	69
5	Brain Aquaporin-4 in Experimental Acute Liver Failure. Journal of Neuropathology and Experimental Neurology, 2010, 69, 869-879.	0.9	58
6	Aquaporin-4 in manganese-treated cultured astrocytes. Glia, 2010, 58, 1490-1499.	2.5	53
7	Characteristics and Patterns of Metastatic Disease from Chordoma. Sarcoma, 2015, 2015, 1-7.	0.7	53
8	Decreased astrocytic thrombospondin-1 secretion after chronic ammonia treatment reduces the level of synaptic proteins: <i>in vitro</i> and <i>in vivo</i> studies. Journal of Neurochemistry, 2014, 131, 333-347.	2.1	50
9	Increased toll-like receptor 4 in cerebral endothelial cells contributes to the astrocyte swelling and brain edema in acute hepatic encephalopathy. Journal of Neurochemistry, 2014, 128, 890-903.	2.1	46
10	Neuroprotective properties of marrow-isolated adult multilineage-inducible cells in rat hippocampus following global cerebral ischemia are enhanced when complexed to biomimetic microcarriers. Journal of Neurochemistry, 2011, 119, 972-988.	2.1	43
11	24 <i>R</i> ,25-Dihydroxyvitamin D ₃ Promotes the Osteoblastic Differentiation of Human Mesenchymal Stem Cells. Molecular Endocrinology, 2014, 28, 644-658.	3.7	43
12	Amyloid- β Inhibits Thrombospondin 1 Release From Cultured Astrocytes: Effects on Synaptic Protein Expression. Journal of Neuropathology and Experimental Neurology, 2013, 72, 735-744.	0.9	40
13	Hepatocyte Growth Factor and p38 Promote Osteogenic Differentiation of Human Mesenchymal Stem Cells. Molecular Endocrinology, 2014, 28, 722-730.	3.7	40
14	Aquaporin-4 deletion in mice reduces encephalopathy and brain edema in experimental acute liver failure. Neurobiology of Disease, 2014, 63, 222-228.	2.1	39
15	Low Oxygen Modulates Multiple Signaling Pathways, Increasing Self-Renewal, While Decreasing Differentiation, Senescence, and Apoptosis in Stromal MIAMI Cells. Stem Cells and Development, 2016, 25, 848-860.	1.1	22
16	Hepatocyte growth factor and alternative splice variants - expression, regulation and implications in osteogenesis and bone health and repair. Expert Opinion on Therapeutic Targets, 2016, 20, 1087-1098.	1.5	19
17	Rac1b regulates NT3-stimulated Mek-Erk signaling, directing marrow-isolated adult multilineage inducible (MIAMI) cells toward an early neuronal phenotype. Molecular and Cellular Neurosciences, 2012, 49, 138-148.	1.0	18
18	Hepatocyte growth factor (HGF) and 1,25-dihydroxyvitamin D together stimulate human bone marrow-derived stem cells toward the osteogenic phenotype by HGF-induced up-regulation of VDR. Bone, 2012, 51, 69-77.	1.4	16

#	ARTICLE	IF	CITATIONS
19	TAp63 ³ and ¹ Np63 ² Promote Osteoblastic Differentiation of Human Mesenchymal Stem Cells: Regulation by Vitamin D3 Metabolites. PLoS ONE, 2015, 10, e0123642.	1.1	9
20	Decreased STAT3 Phosphorylation Mediates Cell Swelling in Ammonia-Treated Astrocyte Cultures. Biology, 2016, 5, 48.	1.3	3
21	Stem Cells and their Contribution to Tissue Repair. , 2012, , 9-22.		2