

Paul C Schiller

List of Publications by Year in descending order

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40
papers

3,323
citations

304743

22
h-index

345221

36
g-index

40
all docs

40
docs citations

40
times ranked

4154
citing authors

#	ARTICLE	IF	CITATIONS
1	Age-Related Osteogenic Potential of Mesenchymal Stromal Stem Cells from Human Vertebral Bone Marrow. <i>Journal of Bone and Mineral Research</i> , 1999, 14, 1115-1122.	2.8	770
2	Marrow-isolated adult multilineage inducible (MIAMI) cells, a unique population of postnatal young and old human cells with extensive expansion and differentiation potential. <i>Journal of Cell Science</i> , 2004, 117, 2971-2981.	2.0	616
3	Low oxygen tension inhibits osteogenic differentiation and enhances stemness of human MIAMI cells. <i>Bone</i> , 2006, 39, 513-522.	2.9	345
4	Adult cell therapy for brain neuronal damages and the role of tissue engineering. <i>Biomaterials</i> , 2010, 31, 2105-2120.	11.4	159
5	Chondrogenesis of human bone marrow-derived mesenchymal stem cells in agarose culture. <i>The Anatomical Record</i> , 2004, 278A, 428-436.	1.8	135
6	The therapeutic potential of human multipotent mesenchymal stromal cells combined with pharmacologically active microcarriers transplanted in hemi-parkinsonian rats. <i>Biomaterials</i> , 2011, 32, 1560-1573.	11.4	113
7	Anabolic or Catabolic Responses of MC3T3-E1 Osteoblastic Cells to Parathyroid Hormone Depend on Time and Duration of Treatment. <i>Journal of Bone and Mineral Research</i> , 1999, 14, 1504-1512.	2.8	103
8	Inhibition of Gap-Junctional Communication Induces the Trans-differentiation of Osteoblasts to an Adipocytic Phenotype in Vitro. <i>Journal of Biological Chemistry</i> , 2001, 276, 14133-14138.	3.4	99
9	Neurotrophin-directed differentiation of human adult marrow stromal cells to dopaminergic-like neurons. <i>Bone</i> , 2007, 40, 360-373.	2.9	89
10	EF1 \pm and RPL13a represent normalization genes suitable for RT-qPCR analysis of bone marrow derived mesenchymal stem cells. <i>BMC Molecular Biology</i> , 2010, 11, 61.	3.0	83
11	Gap-junctional communication in normal and neoplastic prostate epithelial cells and its regulation by cAMP. <i>Molecular Carcinogenesis</i> , 1996, 15, 18-32.	2.7	69
12	Induction of COX-2 and reactive gliosis by P2Y receptors in rat cortical astrocytes is dependent on ERK1/2 but independent of calcium signalling. <i>Journal of Neurochemistry</i> , 2002, 83, 1285-1296.	3.9	69
13	EGF and bFGF pre-treatment enhances neural specification and the response to neuronal commitment of MIAMI cells. <i>Differentiation</i> , 2010, 80, 213-227.	1.9	69
14	Organotypic cultures as tools for optimizing central nervous system cell therapies. <i>Experimental Neurology</i> , 2013, 248, 429-440.	4.1	67
15	Isolation and characterization of marrow-isolated adult multilineage inducible (MIAMI) cells. <i>Experimental Hematology</i> , 2006, 34, 1608-1610.	0.4	60
16	Parathyroid Hormone Up-Regulation of Connexin 43 Gene Expression in Osteoblasts Depends on Cell Phenotype. <i>Journal of Bone and Mineral Research</i> , 1997, 12, 2005-2013.	2.8	59
17	Pharmacologically active microcarriers delivering BDNF within a hydrogel: Novel strategy for human bone marrow-derived stem cells neural/neuronal differentiation guidance and therapeutic secretome enhancement. <i>Acta Biomaterialia</i> , 2017, 49, 167-180.	8.3	47
18	Neuroprotective properties of marrow-isolated adult multilineage-inducible cells in rat hippocampus following global cerebral ischemia are enhanced when complexed to biomimetic microcarriers. <i>Journal of Neurochemistry</i> , 2011, 119, 972-988.	3.9	43

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19	Comparative analysis of protein expression of three stem cell populations: Models of cytokine delivery system in vivo. <i>International Journal of Pharmaceutics</i> , 2013, 440, 72-82.	5.2	42
20	Progerin expression disrupts critical adult stem cell functions involved in tissue repair. <i>Aging</i> , 2014, 6, 1049-1063.	3.1	41
21	Sustained Stromal Stem Cell Self-Renewal and Osteoblastic Differentiation During Aging. <i>Rejuvenation Research</i> , 2006, 9, 10-19.	1.8	33
22	Human bone marrow-derived stem cell proliferation is inhibited by hepatocyte growth factor via increasing the cell cycle inhibitors p53, p21 and p27. <i>Bone</i> , 2011, 49, 1194-1204.	2.9	24
23	Survival, Differentiation, and Neuroprotective Mechanisms of Human Stem Cells Complexed With Neurotrophin-3-Releasing Pharmacologically Active Microcarriers in an Ex Vivo Model of Parkinson's Disease. <i>Stem Cells Translational Medicine</i> , 2015, 4, 670-684.	3.3	23
24	Low Oxygen Modulates Multiple Signaling Pathways, Increasing Self-Renewal, While Decreasing Differentiation, Senescence, and Apoptosis in Stromal MIAMI Cells. <i>Stem Cells and Development</i> , 2016, 25, 848-860.	2.1	22
25	Androgen-induced mineralization by MC3T3-E1 osteoblastic cells reveals a critical window of hormone responsiveness. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 783-789.	2.1	20
26	Histologic, Biomechanical, and Biological Evaluation of Fan-Folded Iliotibial Band Allografts for Anterior Cruciate Ligament Reconstruction. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2013, 29, 756-765.	2.7	20
27	Rac1b regulates NT3-stimulated Mek-Erk signaling, directing marrow-isolated adult multilineage inducible (MIAMI) cells toward an early neuronal phenotype. <i>Molecular and Cellular Neurosciences</i> , 2012, 49, 138-148.	2.2	18
28	Sustained Analgesic Peptide Secretion and Cell Labeling Using a Novel Genetic Modification. <i>Cell Transplantation</i> , 2008, 17, 445-455.	2.5	18
29	Human marrow-isolated adult multilineage-inducible (MIAMI) cells protect against peripheral vascular ischemia in a mouse model. <i>Cytotherapy</i> , 2011, 13, 179-192.	0.7	16
30	Epigenetic regulation of embryonic stem cell marker miR302C in human chondrosarcoma as determinant of antiproliferative activity of proline-rich polypeptide 1. <i>International Journal of Oncology</i> , 2015, 47, 465-472.	3.3	15
31	In vitro and in vivo interactions between glioma and marrow-isolated adult multilineage inducible (MIAMI) cells. <i>Brain Research</i> , 2012, 1473, 193-203.	2.2	10
32	Sustained analgesic peptide secretion and cell labeling using a novel genetic modification. <i>Cell Transplantation</i> , 2008, 17, 445-55.	2.5	8
33	Marrow-isolated adult multilineage inducible cells embedded within a biologically-inspired construct promote recovery in a mouse model of peripheral vascular disease. <i>Biomedical Materials (Bristol)</i> , 2017, 12, 015024.	3.3	6
34	Herpes ICP8 protein stimulates homologous recombination in human cells. <i>PLoS ONE</i> , 2018, 13, e0200955.	2.5	4
35	Combination therapies enhance immunoregulatory properties of MIAMI cells. <i>Stem Cell Research and Therapy</i> , 2019, 10, 395.	5.5	4
36	Multi-Layered Scaffold to Mimic Hyaline Articular Cartilage Architecture. <i>Current Tissue Engineering</i> , 2016, 5, 21-28.	0.2	3

#	ARTICLE	IF	CITATIONS
37	Gap-junctional communication in normal and neoplastic prostate epithelial cells and its regulation by cAMP. , 1996, 15, 18.		1
38	Age-Related Changes and Hormonal Regulation of Mesenchymal Stromal Stem Cells from Human Vertebral Bone Marrow. , 2000, , 121-133.		0
39	Biology of Bone. , 2009, , 1-18.		0
40	Biology of Bone. , 2016, , 1-21.		0