

Li Chen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

1,344
citations

21
h-index

36
g-index

40
ext. papers

1,523
ext. citations

5.3
avg, IF

4.16
L-index

#	Paper	IF	Citations
39	MicroRNA-34a inhibits osteoblast differentiation and in vivo bone formation of human stromal stem cells. <i>Stem Cells</i> , 2014 , 32, 902-12	5.8	136
38	Mechanisms in endocrinology: micro-RNAs: targets for enhancing osteoblast differentiation and bone formation. <i>European Journal of Endocrinology</i> , 2012 , 166, 359-71	6.5	111
37	Only the large soluble form of preadipocyte factor-1 (Pref-1), but not the small soluble and membrane forms, inhibits adipocyte differentiation: role of alternative splicing. <i>Biochemical Journal</i> , 2002 , 364, 137-44	3.8	110
36	microRNA-320/RUNX2 axis regulates adipocytic differentiation of human mesenchymal (skeletal) stem cells. <i>Cell Death and Disease</i> , 2014 , 5, e1499	9.8	97
35	Effect of hyaluronan on osteogenic differentiation of porcine bone marrow stromal cells in vitro. <i>Journal of Orthopaedic Research</i> , 2008 , 26, 713-20	3.8	65
34	Temporal profiling and pulsed SILAC labeling identify novel secreted proteins during ex vivo osteoblast differentiation of human stromal stem cells. <i>Molecular and Cellular Proteomics</i> , 2012 , 11, 989-1007	7.6	64
33	Multilineage differentiation of porcine bone marrow stromal cells associated with specific gene expression pattern. <i>Journal of Orthopaedic Research</i> , 2008 , 26, 56-64	3.8	54
32	Activation of non-canonical Wnt/JNK pathway by Wnt3a is associated with differentiation fate determination of human bone marrow stromal (mesenchymal) stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 413, 98-104	3.4	51
31	Identification of differentiation-stage specific markers that define the ex vivo osteoblastic phenotype. <i>Bone</i> , 2014 , 67, 23-32	4.7	49
30	Delta-like 1/fetal antigen-1 (Dlk1/FA1) is a novel regulator of chondrogenic cell differentiation via inhibition of the Akt kinase-dependent pathway. <i>Journal of Biological Chemistry</i> , 2011 , 286, 32140-9	5.4	43
29	Legumain Regulates Differentiation Fate of Human Bone Marrow Stromal Cells and Is Altered in Postmenopausal Osteoporosis. <i>Stem Cell Reports</i> , 2017 , 8, 373-386	8	40
28	Stimulation of porcine bone marrow stromal cells by hyaluronan, dexamethasone and rhBMP-2. <i>Biomaterials</i> , 2004 , 25, 5375-85	15.6	40
27	A HIF-1 target, ATIA, protects cells from apoptosis by modulating the mitochondrial thioredoxin, TRX2. <i>Molecular Cell</i> , 2011 , 42, 597-609	17.6	39
26	Inhibiting actin depolymerization enhances osteoblast differentiation and bone formation in human stromal stem cells. <i>Stem Cell Research</i> , 2015 , 15, 281-9	1.6	37
25	Quantitative transcriptional profiling of ATDC5 mouse progenitor cells during chondrogenesis. <i>Differentiation</i> , 2005 , 73, 350-63	3.5	36
24	Glucocorticoids induce autophagy in rat bone marrow mesenchymal stem cells. <i>Molecular Medicine Reports</i> , 2015 , 11, 2711-6	2.9	33
23	Psoralidin, a prenylated coumestan, as a novel anti-osteoporosis candidate to enhance bone formation of osteoblasts and decrease bone resorption of osteoclasts. <i>European Journal of Pharmacology</i> , 2017 , 801, 62-71	5.3	29

22	Global MicroRNA Profiling in Human Bone Marrow Skeletal-Stromal or Mesenchymal-Stem Cells Identified Candidates for Bone Regeneration. <i>Molecular Therapy</i> , 2018 , 26, 593-605	11.7	25
21	Actin depolymerization enhances adipogenic differentiation in human stromal stem cells. <i>Stem Cell Research</i> , 2018 , 29, 76-83	1.6	25
20	GPR120: A bi-potential mediator to modulate the osteogenic and adipogenic differentiation of BMMSCs. <i>Scientific Reports</i> , 2015 , 5, 14080	4.9	24
19	Osterix acetylation at K307 and K312 enhances its transcriptional activity and is required for osteoblast differentiation. <i>Oncotarget</i> , 2016 , 7, 37471-37486	3.3	23
18	Temporal transcriptome of mouse ATDC5 chondroprogenitors differentiating under hypoxic conditions. <i>Experimental Cell Research</i> , 2006 , 312, 1727-44	4.2	20
17	Optimized chondrogenesis of ATDC5 cells through sequential regulation of oxygen conditions. <i>Tissue Engineering</i> , 2006 , 12, 559-67		20
16	Telomerase activity promotes osteoblast differentiation by modulating IGF-signaling pathway. <i>Biogerontology</i> , 2015 , 16, 733-45	4.5	18
15	Epigenetic mechanisms of bone regeneration and homeostasis. <i>Progress in Biophysics and Molecular Biology</i> , 2016 , 122, 85-92	4.7	16
14	Resveratrol inhibits adipocyte differentiation and cellular senescence of human bone marrow stromal stem cells. <i>Bone</i> , 2020 , 133, 115252	4.7	15
13	KIAA1199 is a secreted molecule that enhances osteoblastic stem cell migration and recruitment. <i>Cell Death and Disease</i> , 2019 , 10, 126	9.8	14
12	Pharmacological Inhibition of Protein Kinase G1 Enhances Bone Formation by Human Skeletal Stem Cells Through Activation of RhoA-Akt Signaling. <i>Stem Cells</i> , 2015 , 33, 2219-31	5.8	14
11	The crosstalk between transforming growth factor- β and delta like-1 mediates early chondrogenesis during embryonic endochondral ossification. <i>Stem Cells</i> , 2012 , 30, 304-13	5.8	14
10	Development of novel monoclonal antibodies that define differentiation stages of human stromal (mesenchymal) stem cells. <i>Molecules and Cells</i> , 2011 , 32, 133-42	3.5	13
9	TAF2 Induces Skeletal (Stromal) Stem Cell Migration Through Activation of Rac1-p38 Signaling. <i>Stem Cells</i> , 2019 , 37, 407-416	5.8	13
8	The beneficial effect of Batroxobin on blood loss reduction in spinal fusion surgery: a prospective, randomized, double-blind, placebo-controlled study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2015 , 135, 491-7	3.6	12
7	Phosphorylation of Serine422 increases the stability and transactivation activities of human Osterix. <i>FEBS Letters</i> , 2015 , 589, 857-64	3.8	8
6	Hypoxic treatment inhibits insulin-induced chondrogenesis of ATDC5 cells despite upregulation of DEC1. <i>Connective Tissue Research</i> , 2006 , 47, 119-23	3.3	7
5	Transcriptional activation of immediate-early gene ETR101 by human T-cell leukaemia virus type I Tax. <i>Journal of General Virology</i> , 2003 , 84, 3203-3214	4.9	7

4	Bone Formation by Sheep Stem Cells in an Ectopic Mouse Model: Comparison of Adipose and Bone Marrow Derived Cells and Identification of Donor-Derived Bone by Antibody Staining. <i>Stem Cells International</i> , 2016 , 2016, 3846971	5	7
3	Optimizing Osteogenic Differentiation of Ovine Adipose-Derived Stem Cells by Osteogenic Induction Medium and FGFb, BMP2, or NELL1 In Vitro. <i>Stem Cells International</i> , 2018 , 2018, 9781393	5	7
2	Generation of Inducible CRISPRi and CRISPRa Human Stromal/Stem Cell Lines for Controlled Target Gene Transcription during Lineage Differentiation. <i>Stem Cells International</i> , 2020 , 2020, 8857344	5	5
1	In vivo Heterotopic Bone Formation Assay Using Isolated Mouse and Human Mesenchymal Stem Cells. <i>Bio-protocol</i> , 2015 , 5,	0.9	2