

Xing-Ming Shi

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9536456/xing-ming-shi-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

60
papers

2,581
citations

27
h-index

50
g-index

62
ext. papers

2,891
ext. citations

4.6
avg, IF

5.08
L-index

#	Paper	IF	Citations
60	GADD34-PP1c recruited by Smad7 dephosphorylates TGFbeta type I receptor. <i>Journal of Cell Biology</i> , 2004 , 164, 291-300	7.3	216
59	Smad1 interacts with homeobox DNA-binding proteins in bone morphogenetic protein signaling. <i>Journal of Biological Chemistry</i> , 1999 , 274, 13711-7	5.4	148
58	Jab1 antagonizes TGF-beta signaling by inducing Smad4 degradation. <i>EMBO Reports</i> , 2002 , 3, 171-6	6.5	143
57	Loss of myostatin (GDF8) function increases osteogenic differentiation of bone marrow-derived mesenchymal stem cells but the osteogenic effect is ablated with unloading. <i>Bone</i> , 2007 , 40, 1544-53	4.7	128
56	MicroRNA-183-5p Increases with Age in Bone-Derived Extracellular Vesicles, Suppresses Bone Marrow Stromal (Stem) Cell Proliferation, and Induces Stem Cell Senescence. <i>Tissue Engineering - Part A</i> , 2017 , 23, 1231-1240	3.9	125
55	Smad6 as a transcriptional corepressor. <i>Journal of Biological Chemistry</i> , 2000 , 275, 8267-70	5.4	122
54	ACTH protects against glucocorticoid-induced osteonecrosis of bone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 8782-7	11.5	115
53	A glucocorticoid-induced leucine-zipper protein, GILZ, inhibits adipogenesis of mesenchymal cells. <i>EMBO Reports</i> , 2003 , 4, 374-80	6.5	112
52	Regulation of mesenchymal stem cell osteogenic differentiation by glucocorticoid-induced leucine zipper (GILZ). <i>Journal of Biological Chemistry</i> , 2008 , 283, 4723-9	5.4	110
51	Smad1 domains interacting with Hoxc-8 induce osteoblast differentiation. <i>Journal of Biological Chemistry</i> , 2000 , 275, 1065-72	5.4	94
50	Smad4 protein stability is regulated by ubiquitin ligase SCF beta-TrCP1. <i>Journal of Biological Chemistry</i> , 2004 , 279, 14484-7	5.4	87
49	Age-related changes in the osteogenic differentiation potential of mouse bone marrow stromal cells. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 1118-28	6.3	85
48	Transcriptional mechanisms of bone morphogenetic protein-induced osteoprotegerin gene expression. <i>Journal of Biological Chemistry</i> , 2001 , 276, 10119-25	5.4	82
47	Effect of PPAR γ inhibition on Bone in Aged Animals. <i>Innovation in Aging</i> , 2020 , 4, 124-124	0.1	78
46	Deficiency of PPAR Gamma in Bone Marrow Stromal Cells Does Not Prevent High-Fat Diet-Induced Bone Deterioration in Mice. <i>Current Developments in Nutrition</i> , 2021 , 5, 1200-1200	0.4	78
45	Hoxa-9 represses transforming growth factor-beta-induced osteopontin gene transcription. <i>Journal of Biological Chemistry</i> , 2001 , 276, 850-5	5.4	65
44	Kynurenine, a Tryptophan Metabolite That Accumulates With Age, Induces Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 2182-2193	6.3	61

43	Stromal cell-derived factor-1 β mediates cell survival through enhancing autophagy in bone marrow-derived mesenchymal stem cells. <i>PLoS ONE</i> , 2013 , 8, e58207	3.7	61
42	Glucocorticoid-induced leucine zipper (GILZ) mediates glucocorticoid action and inhibits inflammatory cytokine-induced COX-2 expression. <i>Journal of Cellular Biochemistry</i> , 2008 , 103, 1760-71	4.7	58
41	Impact of glucose-dependent insulinotropic peptide on age-induced bone loss. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 536-43	6.3	56
40	Effects of the activin A-myostatin-follistatin system on aging bone and muscle progenitor cells. <i>Experimental Gerontology</i> , 2013 , 48, 290-7	4.5	51
39	Oxidation of the aromatic amino acids tryptophan and tyrosine disrupts their anabolic effects on bone marrow mesenchymal stem cells. <i>Molecular and Cellular Endocrinology</i> , 2015 , 410, 87-96	4.4	44
38	Absence of functional leptin receptor isoforms in the POUND (Lepr(db/lb)) mouse is associated with muscle atrophy and altered myoblast proliferation and differentiation. <i>PLoS ONE</i> , 2013 , 8, e72330	3.7	36
37	Stromal cell-derived factor-1 β potentiates bone morphogenetic protein-2-stimulated osteoinduction of genetically engineered bone marrow-derived mesenchymal stem cells in vitro. <i>Tissue Engineering - Part A</i> , 2013 , 19, 1-13	3.9	35
36	Swedish mutant APP suppresses osteoblast differentiation and causes osteoporotic deficit, which are ameliorated by N-acetyl-L-cysteine. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 2122-35	6.3	35
35	Kynurenine inhibits autophagy and promotes senescence in aged bone marrow mesenchymal stem cells through the aryl hydrocarbon receptor pathway. <i>Experimental Gerontology</i> , 2020 , 130, 110805	4.5	33
34	Impact of targeted PPAR δ disruption on bone remodeling. <i>Molecular and Cellular Endocrinology</i> , 2015 , 410, 27-34	4.4	29
33	Role of glucocorticoid-induced leucine zipper (GILZ) in bone acquisition. <i>Journal of Biological Chemistry</i> , 2014 , 289, 19373-82	5.4	23
32	Mesenchymal stem cell expression of SDF-1 β synergizes with BMP-2 to augment cell-mediated healing of critical-sized mouse calvarial defects. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 1806-1819	4.4	20
31	Amino acids as signaling molecules modulating bone turnover. <i>Bone</i> , 2018 , 115, 15-24	4.7	19
30	Glucocorticoid-induced leucine zipper (GILZ) antagonizes TNF α -inhibition of mesenchymal stem cell osteogenic differentiation. <i>PLoS ONE</i> , 2012 , 7, e31717	3.7	18
29	Impact of dietary aromatic amino acids on osteoclastic activity. <i>Calcified Tissue International</i> , 2014 , 95, 174-82	3.9	16
28	Crosstalk between bone marrow-derived mesenchymal stem cells and regulatory T cells through a glucocorticoid-induced leucine zipper/developmental endothelial locus-1-dependent mechanism. <i>FASEB Journal</i> , 2015 , 29, 3954-63	0.9	16
27	Aromatic amino acid activation of signaling pathways in bone marrow mesenchymal stem cells depends on oxygen tension. <i>PLoS ONE</i> , 2014 , 9, e91108	3.7	14
26	Inhibition of glycogen synthase kinase-3 β attenuates glucocorticoid-induced suppression of myogenic differentiation in vitro. <i>PLoS ONE</i> , 2014 , 9, e105528	3.7	14

25	Total body irradiation is permissive for mesenchymal stem cell-mediated new bone formation following local transplantation. <i>Tissue Engineering - Part A</i> , 2014 , 20, 3212-27	3.9	14
24	Age-related increase of kynurenine enhances miR29b-1-5p to decrease both CXCL12 signaling and the epigenetic enzyme Hdac3 in bone marrow stromal cells. <i>Bone Reports</i> , 2020 , 12, 100270	2.6	12
23	Kynurenine Promotes RANKL-Induced Osteoclastogenesis In Vitro by Activating the Aryl Hydrocarbon Receptor Pathway. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
22	The status of glucocorticoid-induced leucine zipper protein in the salivary glands in Sjögren's syndrome: predictive and prognostic potentials. <i>EPMA Journal</i> , 2015 , 7, 3	8.8	10
21	Mesenchymal stem cell expression of stromal cell-derived factor-1 augments bone formation in a model of local regenerative therapy. <i>Journal of Orthopaedic Research</i> , 2015 , 33, 174-84	3.8	10
20	The role of GILZ in modulation of adaptive immunity in a murine model of myocardial infarction. <i>Experimental and Molecular Pathology</i> , 2017 , 102, 408-414	4.4	8
19	Energy Balance, Myostatin, and GILZ: Factors Regulating Adipocyte Differentiation in Belly and Bone. <i>PPAR Research</i> , 2007 , 2007, 92501	4.3	8
18	Role of glucocorticoid-induced leucine zipper (GILZ) in inflammatory bone loss. <i>PLoS ONE</i> , 2017 , 12, e0181133	3.7	8
17	Transcriptional profiling of uterine leiomyoma rats treated by a traditional herb pair, Curcumae rhizoma and Sparganii rhizoma. <i>Brazilian Journal of Medical and Biological Research</i> , 2019 , 52, e8132	2.8	6
16	Monitoring bone marrow-originated mesenchymal stem cell traffic to myocardial infarction sites using magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2011 , 65, 1430-6	4.4	6
15	The glucocorticoid receptor in osteoprogenitors regulates bone mass and marrow fat. <i>Journal of Endocrinology</i> , 2019 ,	4.7	6
14	Deletion of PPAR α in Mesenchymal Lineage Cells Protects Against Aging-Induced Cortical Bone Loss in Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 826-834	6.4	5
13	Effects of matrix metalloproteinase-1 on the myogenic differentiation of bone marrow-derived mesenchymal stem cells in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 428, 309-14	3.4	5
12	Deletion of protein kinase D1 in osteoprogenitor cells results in decreased osteogenesis in vitro and reduced bone mineral density in vivo. <i>Molecular and Cellular Endocrinology</i> , 2018 , 461, 22-31	4.4	5
11	Differentially expressed genes in PPAR α -deficient MSCs. <i>Molecular and Cellular Endocrinology</i> , 2018 , 471, 97-104	4.4	5
10	A comparative study of bone marrow mesenchymal stem cell functionality in C57BL and mdx mice. <i>Neuroscience Letters</i> , 2012 , 523, 139-44	3.3	4
9	Picolinic acid, a tryptophan oxidation product, does not impact bone mineral density but increases marrow adiposity. <i>Experimental Gerontology</i> , 2020 , 133, 110885	4.5	3
8	TGF- β /BMP signaling in cartilage and bone cells. <i>Current Opinion in Orthopaedics</i> , 2002 , 13, 368-374		3

7	Ameliorative Effects of Component Chinese Medicine From and , a Traditional Herb Pair, on Uterine Leiomyoma in a Rat Model. <i>Frontiers in Public Health</i> , 2021 , 9, 674357	6	2
6	Endogenous Glucocorticoid Signaling in the Regulation of Bone and Marrow Adiposity: Lessons from Metabolism and Cross Talk in Other Tissues. <i>Current Osteoporosis Reports</i> , 2019 , 17, 438-445	5.4	2
5	Age-associated changes in microRNAs affect the differentiation potential of human mesenchymal stem cells: Novel role of miR-29b-1-5p expression. <i>Bone</i> , 2021 , 153, 116154	4.7	2
4	The Glucocorticoid Receptor in Osterix-Expressing Cells Regulates Bone Mass, Bone Marrow Adipose Tissue, and Systemic Metabolism in Female Mice During Aging. <i>Journal of Bone and Mineral Research</i> , 2021 ,	6.3	1
3	Inhibition of Fibroblast Activation in Uterine Leiomyoma by Components of and. <i>Frontiers in Public Health</i> , 2021 , 9, 650022	6	1
2	Photobiomodulation has rejuvenating effects on aged bone marrow mesenchymal stem cells. <i>Scientific Reports</i> , 2021 , 11, 13067	4.9	1
1	Deficiency of PPAR α in Bone Marrow Stromal Cells Does not Prevent High-Fat Diet-Induced Bone Deterioration in Mice. <i>Journal of Nutrition</i> , 2021 , 151, 2697-2704	4.1	0