

Basem M Abdallah

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7336190/basem-m-abdallah-publications-by-citations.pdf>

Version: 2024-04-23

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.

74
papers

4,685
citations

37
h-index

68
g-index

78
ext. papers

5,032
ext. citations

5.3
avg, IF

5.56
L-index

#	Paper	IF	Citations
74	MicroRNA-138 regulates osteogenic differentiation of human stromal (mesenchymal) stem cells in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 6139-44	11.5	386
73	Adult human mesenchymal stem cell as a target for neoplastic transformation. <i>Oncogene</i> , 2004 , 23, 5095-8	5.8	304
72	Human mesenchymal stem cells: from basic biology to clinical applications. <i>Gene Therapy</i> , 2008 , 15, 109-16	16	300
71	Bone regeneration and stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 718-46	5.6	254
70	Maintenance of differentiation potential of human bone marrow mesenchymal stem cells immortalized by human telomerase reverse transcriptase gene despite [corrected] extensive proliferation. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 326, 527-38	3.4	208
69	Regulation of human skeletal stem cells differentiation by Dlk1/Pref-1. <i>Journal of Bone and Mineral Research</i> , 2004 , 19, 841-52	6.3	198
68	Mesenchymal stem cells: cell biology and potential use in therapy. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2004 , 95, 209-14	3.1	172
67	Resveratrol inhibits myeloma cell growth, prevents osteoclast formation, and promotes osteoblast differentiation. <i>Cancer Research</i> , 2005 , 65, 9943-52	10.1	151
66	Tumorigenic heterogeneity in cancer stem cells evolved from long-term cultures of telomerase-immortalized human mesenchymal stem cells. <i>Cancer Research</i> , 2005 , 65, 3126-35	10.1	150
65	Induction of adipocyte-like phenotype in human mesenchymal stem cells by hypoxia. <i>Stem Cells</i> , 2004 , 22, 1346-55	5.8	145
64	Patients with high bone mass phenotype exhibit enhanced osteoblast differentiation and inhibition of adipogenesis of human mesenchymal stem cells. <i>Journal of Bone and Mineral Research</i> , 2007 , 22, 1720-31	6.3	127
63	Demonstration of the presence of independent pre-osteoblastic and pre-adipocytic cell populations in bone marrow-derived mesenchymal stem cells. <i>Bone</i> , 2008 , 43, 32-39	4.7	116
62	Inhibition of osteoblast differentiation but not adipocyte differentiation of mesenchymal stem cells by sera obtained from aged females. <i>Bone</i> , 2006 , 39, 181-8	4.7	112
61	The function of CreA, the carbon catabolite repressor of <i>Aspergillus nidulans</i> , is regulated at the transcriptional and post-transcriptional level. <i>Molecular Microbiology</i> , 1999 , 32, 169-78	4.1	108
60	Human bone-marrow-derived mesenchymal stem cells: biological characteristics and potential role in therapy of degenerative diseases. <i>Cell and Tissue Research</i> , 2008 , 331, 157-63	4.2	98
59	New factors controlling the balance between osteoblastogenesis and adipogenesis. <i>Bone</i> , 2012 , 50, 540-7	4.7	94
58	Wnt signalling mediates the cross-talk between bone marrow derived pre-adipocytic and pre-osteoblastic cell populations. <i>Experimental Cell Research</i> , 2011 , 317, 745-56	4.2	87

57	Enhanced differentiation of human embryonic stem cells to mesenchymal progenitors by inhibition of TGF-beta/activin/nodal signaling using SB-431542. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 1216-33	6.3	83
56	Tissue distribution and engraftment of human mesenchymal stem cells immortalized by human telomerase reverse transcriptase gene. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 330, 633-40	3.4	82
55	Identifying a molecular phenotype for bone marrow stromal cells with in vivo bone-forming capacity. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 796-808	6.3	79
54	Skeletal (stromal) stem cells: an update on intracellular signaling pathways controlling osteoblast differentiation. <i>Bone</i> , 2015 , 70, 28-36	4.7	77
53	dlk1/FA1 regulates the function of human bone marrow mesenchymal stem cells by modulating gene expression of pro-inflammatory cytokines and immune response-related factors. <i>Journal of Biological Chemistry</i> , 2007 , 282, 7339-51	5.4	74
52	Telomerase-deficient mice exhibit bone loss owing to defects in osteoblasts and increased osteoclastogenesis by inflammatory microenvironment. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 1494-505	6.3	71
51	The use of mesenchymal (skeletal) stem cells for treatment of degenerative diseases: current status and future perspectives. <i>Journal of Cellular Physiology</i> , 2009 , 218, 9-12	7	68
50	Human serum is as efficient as fetal bovine serum in supporting proliferation and differentiation of human multipotent stromal (mesenchymal) stem cells in vitro and in vivo. <i>Stem Cell Reviews and Reports</i> , 2011 , 7, 860-8	6.4	62
49	Osteoblastic cells: differentiation and trans-differentiation. <i>Archives of Biochemistry and Biophysics</i> , 2008 , 473, 183-7	4.1	60
48	Dlk1/FA1 is a novel endocrine regulator of bone and fat mass and its serum level is modulated by growth hormone. <i>Endocrinology</i> , 2007 , 148, 3111-21	4.8	60
47	Assessment of bone formation capacity using in vivo transplantation assays: procedure and tissue analysis. <i>Methods in Molecular Biology</i> , 2008 , 455, 89-100	1.4	60
46	Increased RANKL/OPG mRNA ratio in iliac bone biopsies from women with hip fractures. <i>Calcified Tissue International</i> , 2005 , 76, 90-7	3.9	57
45	Increased expression of 11beta-hydroxysteroid dehydrogenase type 1 in type 2 diabetic myotubes. <i>European Journal of Clinical Investigation</i> , 2005 , 35, 627-34	4.6	55
44	DLK1 is a novel regulator of bone mass that mediates estrogen deficiency-induced bone loss in mice. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 1457-71	6.3	50
43	Selective isolation and differentiation of a stromal population of human embryonic stem cells with osteogenic potential. <i>Bone</i> , 2011 , 48, 231-41	4.7	47
42	Transcriptional profiling of myotubes from patients with type 2 diabetes: no evidence for a primary defect in oxidative phosphorylation genes. <i>Diabetologia</i> , 2008 , 51, 2068-77	10.3	45
41	Mouse embryonic fibroblasts (MEF) exhibit a similar but not identical phenotype to bone marrow stromal stem cells (BMSC). <i>Stem Cell Reviews and Reports</i> , 2012 , 8, 318-28	6.4	44
40	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

39	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
38	Activin B mediated induction of Pdx1 in human embryonic stem cell derived embryoid bodies. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 362, 568-74	3-4	37
37	Mechanosensitivity of dental pulp stem cells is related to their osteogenic maturity. <i>European Journal of Oral Sciences</i> , 2010 , 118, 29-38	2-3	35
36	DLK1 Regulates Whole-Body Glucose Metabolism: A Negative Feedback Regulation of the Osteocalcin-Insulin Loop. <i>Diabetes</i> , 2015 , 64, 3069-80	0.9	32
35	Marrow adipocytes inhibit the differentiation of mesenchymal stem cells into osteoblasts via suppressing BMP-signaling. <i>Journal of Biomedical Science</i> , 2017 , 24, 11	13-3	31
34	Isolation and differentiation of chondrocytic cells derived from human embryonic stem cells using dlk1/FA1 as a novel surface marker. <i>Stem Cell Reviews and Reports</i> , 2009 , 5, 353-68	6-4	25
33	Secreted Clusterin protein inhibits osteoblast differentiation of bone marrow mesenchymal stem cells by suppressing ERK1/2 signaling pathway. <i>Bone</i> , 2018 , 110, 221-229	4-7	24
32	Potential of resveratrol analogues as antagonists of osteoclasts and promoters of osteoblasts. <i>Calcified Tissue International</i> , 2010 , 87, 437-49	3-9	24
31	The use of hTERT-immortalized cells in tissue engineering. <i>Cytotechnology</i> , 2004 , 45, 39-46	2-2	24
30	CD34 defines an osteoprogenitor cell population in mouse bone marrow stromal cells. <i>Stem Cell Research</i> , 2015 , 15, 449-458	1-6	21
29	Transit amplifying cells coordinate mouse incisor mesenchymal stem cell activation. <i>Nature Communications</i> , 2019 , 10, 3596	17-4	21
28	Telomerase activity promotes osteoblast differentiation by modulating IGF-signaling pathway. <i>Biogerontology</i> , 2015 , 16, 733-45	4-5	18
27	Effective Inhibition of Candidiasis Using an Eco-Friendly Leaf Extract of --Mediated Silver Nanoparticles. <i>Nanomaterials</i> , 2020 , 10,	5-4	18
26	Estrogen inhibits Dlk1/FA1 production: a potential mechanism for estrogen effects on bone turnover. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 2548-51	6-3	18
25	Derivation of stromal (skeletal and mesenchymal) stem-like cells from human embryonic stem cells. <i>Stem Cells and Development</i> , 2012 , 21, 3114-24	4-4	16
24	5Hydroxy Auraptene stimulates osteoblast differentiation of bone marrow-derived mesenchymal stem cells via a BMP-dependent mechanism. <i>Journal of Biomedical Science</i> , 2019 , 26, 51	13-3	15
23	Association between in vivo bone formation and ex vivo migratory capacity of human bone marrow stromal cells. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 196	8-3	15
22	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

21	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
20	The Coumarin Derivative 5Hydroxy Auraptene Suppresses Osteoclast Differentiation via Inhibiting MAPK and c-Fos/NFATc1 Pathways. <i>BioMed Research International</i> , 2019 , 2019, 9395146	3	13
19	TAFA2 Induces Skeletal (Stromal) Stem Cell Migration Through Activation of Rac1-p38 Signaling. <i>Stem Cells</i> , 2019 , 37, 407-416	5.8	13
18	Green Synthesis of Silver Nanoparticles Using the Aqueous Leaf Extract and Their Anti-Candidal Activity against Oral Candidiasis. <i>ACS Omega</i> , 2021 , 6, 8151-8162	3.9	12
17	A simple and reliable protocol for long-term culture of murine bone marrow stromal (mesenchymal) stem cells that retained their in vitro and in vivo stemness in long-term culture. <i>Biological Procedures Online</i> , 2019 , 21, 3	8.3	10
16	Glucose does not activate the plasma-membrane-bound H ⁺ -ATPase but affects pmaA transcript abundance in <i>Aspergillus nidulans</i> . <i>Archives of Microbiology</i> , 2000 , 174, 340-5	3	10
15	CRMP4 Inhibits Bone Formation by Negatively Regulating BMP and RhoA Signaling. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 913-926	6.3	9
14	FA1 Induces Pro-Inflammatory and Anti-Adipogenic Pathways/Markers in Human Myotubes Established from Lean, Obese, and Type 2 Diabetic Subjects but Not Insulin Resistance. <i>Frontiers in Endocrinology</i> , 2013 , 4, 45	5.7	9
13	Butein Promotes Lineage Commitment of Bone Marrow-Derived Stem Cells into Osteoblasts via Modulating ERK1/2 Signaling Pathways. <i>Molecules</i> , 2020 , 25,	4.8	7
12	Osteoblast differentiation of NIH3T3 fibroblasts is associated with changes in the IGF-I/IGFBP expression pattern. <i>Cellular and Molecular Biology Letters</i> , 2006 , 11, 461-74	8.1	6
11	Antibody-based inhibition of circulating DLK1 protects from estrogen deficiency-induced bone loss in mice. <i>Bone</i> , 2018 , 110, 312-320	4.7	4
10	Bone Marrow Stromal Stem Cells for Bone Repair: Basic and Translational Aspects. <i>Pancreatic Islet Biology</i> , 2016 , 213-232	0.4	4
9	Human Mesenchymal Stem Cells: Basic Biology and Clinical Applications for Bone Tissue Regeneration 2009 , 177-190		4
8	Recent Approaches to Isolating and Culturing Mouse Bone Marrowderived Mesenchymal Stromal Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2021 , 16, 599-607	3.6	3
7	Coumarin derivative, 5?-hydroxy-auraptene, extracted from <i>Lotus lalambensis</i> , displays antifungal and anti-aflatoxigenic activities against <i>Aspergillus flavus</i> . <i>Journal of King Saud University - Science</i> , 2021 , 33, 101216	3.6	3
6	Effective Inhibition of Invasive Pulmonary Aspergillosis by Silver Nanoparticles Biosynthesized with Leaf Extract.. <i>Nanomaterials</i> , 2021 , 12,	5.4	3
5	Serum levels of fetal antigen 1 in extreme nutritional States. <i>Isrn Endocrinology</i> , 2012 , 2012, 592648		2
4	A Bootstrap Correspondence Analysis for Factorial Microarray Experiments with Replications 2007 , 73-84		1

3	A-769662 stimulates the differentiation of bone marrow-derived mesenchymal stem cells into osteoblasts via AMP-activated protein kinase-dependent mechanism.. <i>Journal of Applied Biomedicine</i> , 2021 , 19, 159-169	0.6	1
2	Carnosol induces the osteogenic differentiation of bone marrow-derived mesenchymal stem cells activating BMP-signaling pathway. <i>Korean Journal of Physiology and Pharmacology</i> , 2021 , 25, 197-206	1.8	0
1	Therapeutic Potential of Green Synthesized Gold Nanoparticles Using Extract of <i>Leptadenia hastata</i> against Invasive Pulmonary Aspergillosis. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022 , 8, 442	5.6	