

# Basem M Abdallah

## List of Publications by Year in Descending Order

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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.

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	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> , <b>2022</b> , 8, 442	5.6	
73	Green Synthesis of Silver Nanoparticles Using the Aqueous Leaf Extract and Their Anti-Candidal Activity against Oral Candidiasis. <i>ACS Omega</i> , <b>2021</b> , 6, 8151-8162	3.9	12
72	Carnosol induces the osteogenic differentiation of bone marrow-derived mesenchymal stem cells activating BMP-signaling pathway. <i>Korean Journal of Physiology and Pharmacology</i> , <b>2021</b> , 25, 197-206	1.8	0
71	Recent Approaches to Isolating and Culturing Mouse Bone Marrow-derived Mesenchymal Stromal Stem Cells. <i>Current Stem Cell Research and Therapy</i> , <b>2021</b> , 16, 599-607	3.6	3
70	Coumarin derivative, 5 <sup>7</sup> -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> , <b>2021</b> , 33, 101216	3.6	3
69	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> , <b>2021</b> , 19, 159-169	0.6	1
68	Effective Inhibition of Invasive Pulmonary Aspergillosis by Silver Nanoparticles Biosynthesized with Leaf Extract.. <i>Nanomaterials</i> , <b>2021</b> , 12,	5.4	3
67	Effective Inhibition of Candidiasis Using an Eco-Friendly Leaf Extract of --Mediated Silver Nanoparticles. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	18
66	Butein Promotes Lineage Commitment of Bone Marrow-Derived Stem Cells into Osteoblasts via Modulating ERK1/2 Signaling Pathways. <i>Molecules</i> , <b>2020</b> , 25,	4.8	7
65	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> , <b>2019</b> , 21, 3	8.3	10
64	Transit amplifying cells coordinate mouse incisor mesenchymal stem cell activation. <i>Nature Communications</i> , <b>2019</b> , 10, 3596	17.4	21
63	5Hydroxy Auraptene stimulates osteoblast differentiation of bone marrow-derived mesenchymal stem cells via a BMP-dependent mechanism. <i>Journal of Biomedical Science</i> , <b>2019</b> , 26, 51	13.3	15
62	The Coumarin Derivative 5Hydroxy Auraptene Suppresses Osteoclast Differentiation via Inhibiting MAPK and c-Fos/NFATc1 Pathways. <i>BioMed Research International</i> , <b>2019</b> , 2019, 9395146	3	13
61	TAF2A2 Induces Skeletal (Stromal) Stem Cell Migration Through Activation of Rac1-p38 Signaling. <i>Stem Cells</i> , <b>2019</b> , 37, 407-416	5.8	13
60	Secreted Clusterin protein inhibits osteoblast differentiation of bone marrow mesenchymal stem cells by suppressing ERK1/2 signaling pathway. <i>Bone</i> , <b>2018</b> , 110, 221-229	4.7	24
59	Antibody-based inhibition of circulating DLK1 protects from estrogen deficiency-induced bone loss in mice. <i>Bone</i> , <b>2018</b> , 110, 312-320	4.7	4
58	Legumain Regulates Differentiation Fate of Human Bone Marrow Stromal Cells and Is Altered in Postmenopausal Osteoporosis. <i>Stem Cell Reports</i> , <b>2017</b> , 8, 373-386	8	40

57	Marrow adipocytes inhibit the differentiation of mesenchymal stem cells into osteoblasts via suppressing BMP-signaling. <i>Journal of Biomedical Science</i> , <b>2017</b> , 24, 11	13.3	31
56	CRMP4 Inhibits Bone Formation by Negatively Regulating BMP and RhoA Signaling. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 913-926	6.3	9
55	Bone Marrow Stromal Stem Cells for Bone Repair: Basic and Translational Aspects. <i>Pancreatic Islet Biology</i> , <b>2016</b> , 213-232	0.4	4
54	Pharmacological Inhibition of Protein Kinase G1 Enhances Bone Formation by Human Skeletal Stem Cells Through Activation of RhoA-Akt Signaling. <i>Stem Cells</i> , <b>2015</b> , 33, 2219-31	5.8	14
53	CD34 defines an osteoprogenitor cell population in mouse bone marrow stromal cells. <i>Stem Cell Research</i> , <b>2015</b> , 15, 449-458	1.6	21
52	Telomerase activity promotes osteoblast differentiation by modulating IGF-signaling pathway. <i>Biogerontology</i> , <b>2015</b> , 16, 733-45	4.5	18
51	Skeletal (stromal) stem cells: an update on intracellular signaling pathways controlling osteoblast differentiation. <i>Bone</i> , <b>2015</b> , 70, 28-36	4.7	77
50	Association between in vivo bone formation and ex vivo migratory capacity of human bone marrow stromal cells. <i>Stem Cell Research and Therapy</i> , <b>2015</b> , 6, 196	8.3	15
49	DLK1 Regulates Whole-Body Glucose Metabolism: A Negative Feedback Regulation of the Osteocalcin-Insulin Loop. <i>Diabetes</i> , <b>2015</b> , 64, 3069-80	0.9	32
48	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> , <b>2013</b> , 4, 45	5.7	9
47	New factors controlling the balance between osteoblastogenesis and adipogenesis. <i>Bone</i> , <b>2012</b> , 50, 540-57	4.7	94
46	The crosstalk between transforming growth factor- $\beta$ and delta like-1 mediates early chondrogenesis during embryonic endochondral ossification. <i>Stem Cells</i> , <b>2012</b> , 30, 304-13	5.8	14
45	Derivation of stromal (skeletal and mesenchymal) stem-like cells from human embryonic stem cells. <i>Stem Cells and Development</i> , <b>2012</b> , 21, 3114-24	4.4	16
44	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> , <b>2012</b> , 8, 318-28	6.4	44
43	Serum levels of fetal antigen 1 in extreme nutritional States. <i>Isrn Endocrinology</i> , <b>2012</b> , 2012, 592648		2
42	Selective isolation and differentiation of a stromal population of human embryonic stem cells with osteogenic potential. <i>Bone</i> , <b>2011</b> , 48, 231-41	4.7	47
41	Bone regeneration and stem cells. <i>Journal of Cellular and Molecular Medicine</i> , <b>2011</b> , 15, 718-46	5.6	254
40	Wnt signalling mediates the cross-talk between bone marrow derived pre-adipocytic and pre-osteoblastic cell populations. <i>Experimental Cell Research</i> , <b>2011</b> , 317, 745-56	4.2	87

39	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> , <b>2011</b> , 7, 860-8	6.4	62
38	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> , <b>2011</b> , 26, 1457-71	6.3	50
37	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> , <b>2011</b> , 26, 1494-505	6.3	71
36	Estrogen inhibits Dlk1/FA1 production: a potential mechanism for estrogen effects on bone turnover. <i>Journal of Bone and Mineral Research</i> , <b>2011</b> , 26, 2548-51	6.3	18
35	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> , <b>2011</b> , 108, 6139-44	11.5	386
34	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> , <b>2011</b> , 286, 32140-9	5.4	43
33	Mechanosensitivity of dental pulp stem cells is related to their osteogenic maturity. <i>European Journal of Oral Sciences</i> , <b>2010</b> , 118, 29-38	2.3	35
32	Identifying a molecular phenotype for bone marrow stromal cells with in vivo bone-forming capacity. <i>Journal of Bone and Mineral Research</i> , <b>2010</b> , 25, 796-808	6.3	79
31	Potential of resveratrol analogues as antagonists of osteoclasts and promoters of osteoblasts. <i>Calcified Tissue International</i> , <b>2010</b> , 87, 437-49	3.9	24
30	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> , <b>2010</b> , 25, 1216-33	6.3	83
29	The use of mesenchymal (skeletal) stem cells for treatment of degenerative diseases: current status and future perspectives. <i>Journal of Cellular Physiology</i> , <b>2009</b> , 218, 9-12	7	68
28	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> , <b>2009</b> , 5, 353-68	6.4	25
27	Human Mesenchymal Stem Cells: Basic Biology and Clinical Applications for Bone Tissue Regeneration <b>2009</b> , 177-190		4
26	Human mesenchymal stem cells: from basic biology to clinical applications. <i>Gene Therapy</i> , <b>2008</b> , 15, 109-16		300
25	Osteoblastic cells: differentiation and trans-differentiation. <i>Archives of Biochemistry and Biophysics</i> , <b>2008</b> , 473, 183-7	4.1	60
24	Demonstration of the presence of independent pre-osteoblastic and pre-adipocytic cell populations in bone marrow-derived mesenchymal stem cells. <i>Bone</i> , <b>2008</b> , 43, 32-39	4.7	116
23	Transcriptional profiling of myotubes from patients with type 2 diabetes: no evidence for a primary defect in oxidative phosphorylation genes. <i>Diabetologia</i> , <b>2008</b> , 51, 2068-77	10.3	45
22	Human bone-marrow-derived mesenchymal stem cells: biological characteristics and potential role in therapy of degenerative diseases. <i>Cell and Tissue Research</i> , <b>2008</b> , 331, 157-63	4.2	98

21	Assessment of bone formation capacity using in vivo transplantation assays: procedure and tissue analysis. <i>Methods in Molecular Biology</i> , <b>2008</b> , 455, 89-100	1.4	60
20	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> , <b>2007</b> , 22, 1720-31	6.3	127
19	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> , <b>2007</b> , 282, 7339-51	5.4	74
18	Dlk1/FA1 is a novel endocrine regulator of bone and fat mass and its serum level is modulated by growth hormone. <i>Endocrinology</i> , <b>2007</b> , 148, 3111-21	4.8	60
17	Activin B mediated induction of Pdx1 in human embryonic stem cell derived embryoid bodies. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 362, 568-74	3.4	37
16	A Bootstrap Correspondence Analysis for Factorial Microarray Experiments with Replications <b>2007</b> , 73-84		1
15	Inhibition of osteoblast differentiation but not adipocyte differentiation of mesenchymal stem cells by sera obtained from aged females. <i>Bone</i> , <b>2006</b> , 39, 181-8	4.7	112
14	Osteoblast differentiation of NIH3T3 fibroblasts is associated with changes in the IGF-I/IGFBP expression pattern. <i>Cellular and Molecular Biology Letters</i> , <b>2006</b> , 11, 461-74	8.1	6
13	Tumorigenic heterogeneity in cancer stem cells evolved from long-term cultures of telomerase-immortalized human mesenchymal stem cells. <i>Cancer Research</i> , <b>2005</b> , 65, 3126-35	10.1	150
12	Resveratrol inhibits myeloma cell growth, prevents osteoclast formation, and promotes osteoblast differentiation. <i>Cancer Research</i> , <b>2005</b> , 65, 9943-52	10.1	151
11	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> , <b>2005</b> , 326, 527-38	3.4	208
10	Tissue distribution and engraftment of human mesenchymal stem cells immortalized by human telomerase reverse transcriptase gene. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 330, 633-40	3.4	82
9	Increased expression of 11beta-hydroxysteroid dehydrogenase type 1 in type 2 diabetic myotubes. <i>European Journal of Clinical Investigation</i> , <b>2005</b> , 35, 627-34	4.6	55
8	Increased RANKL/OPG mRNA ratio in iliac bone biopsies from women with hip fractures. <i>Calcified Tissue International</i> , <b>2005</b> , 76, 90-7	3.9	57
7	Mesenchymal stem cells: cell biology and potential use in therapy. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2004</b> , 95, 209-14	3.1	172
6	Adult human mesenchymal stem cell as a target for neoplastic transformation. <i>Oncogene</i> , <b>2004</b> , 23, 5095-8	3.8	304
5	Induction of adipocyte-like phenotype in human mesenchymal stem cells by hypoxia. <i>Stem Cells</i> , <b>2004</b> , 22, 1346-55	5.8	145
4	Regulation of human skeletal stem cells differentiation by Dlk1/Pref-1. <i>Journal of Bone and Mineral Research</i> , <b>2004</b> , 19, 841-52	6.3	198

3	The use of hTERT-immortalized cells in tissue engineering. <i>Cytotechnology</i> , <b>2004</b> , 45, 39-46	2.2	24
2	Glucose does not activate the plasma-membrane-bound H <sup>+</sup> -ATPase but affects pmaA transcript abundance in <i>Aspergillus nidulans</i> . <i>Archives of Microbiology</i> , <b>2000</b> , 174, 340-5	3	10
1	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> , <b>1999</b> , 32, 169-78	4.1	108