Won-Gu Jang

List of Publications by Year
in descending order

32 papers	577 citations	687363 13 h-index	642732 23 g-index
32 all docs	32 docs citations	32 times ranked	928 citing authors

#	Article	IF	Citations
1	NXNL1 negatively regulates osteoblast differentiation via GDF15â€induced PP2A CÎ± dependent manner in MC3T3â€E1 cells. BioFactors, 2022, 48, 239-248.	5.4	0
2	Effect of Barley Î²-Glucan on Osteoblast Differentiation and Molecular Mechanism. Journal of the Korean Society of Food Science and Nutrition, 2022, 51, 403-411.	0.9	0
3	Chrysophanol increases osteoblast differentiation via AMPK/Smad1/5/9 phosphorylation in vitro and in vivo. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 515-523.	1.9	11
4	Cip2A modulates osteogenic differentiation via theÂ ERKâ€Runx2 pathway in MG63 cells. BioFactors, 2021, 47, 658-664.	5.4	5
5	Policosanol attenuates Piâ€induced calcification via AMPKâ€mediated INSIGs expression in rat VSMCs. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 1336-1345.	1.9	7
6	Zingerone Attenuates Pi-induced Vascular Calcification via AMPK-mediated TIMP4 Expression. Journal of Lipid and Atherosclerosis, 2021, 10, 62.	3.5	7
7	Alphaâ€pinene promotes osteoblast differentiation and attenuates TNFÎ±â€induced inhibition of differentiation in MC3T3â€E1 preâ€osteoblasts. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 831-837.	1.9	10
8	Vitexin enhances osteoblast differentiation through phosphorylation of Smad and expression of Runx2 at in vitro and ex vivo. Molecular Biology Reports, 2020, 47, 8809-8817.	2.3	11
9	Therapeutic anti-psoriatic effects of myeloid-derived suppressor cells in combination with systemic tacrolimus (FK-506) in an imiquimod-induced mouse model of psoriasis. International Immunopharmacology, 2020, 86, 106553.	3.8	2
10	Fat Mass and Obesity-Associated (FTO) Stimulates Osteogenic Differentiation of C3H10T1/2 Cells by Inducing Mild Endoplasmic Reticulum Stress via a Positive Feedback Loop with p-AMPK. Molecules and Cells, 2020, 43, 58-65.	2.6	9
11	Carbohydrate responsive element binding protein (ChREBP) negatively regulates osteoblast differentiation via protein phosphatase 2A CÎ± dependent manner. International Journal of Biochemistry and Cell Biology, 2020, 124, 105766.	2.8	1
12	Fenofibrate induces PPARÎ± and BMP2 expression to stimulate osteoblast differentiation. Biochemical and Biophysical Research Communications, 2019, 520, 459-465.	2.1	32
13	Estradiol-induced RORÎ± expression positively regulates osteoblast differentiation. Steroids, 2019, 149, 108412.	1.8	10
14	Peroxiredoxin II negatively regulates BMP2-induced osteoblast differentiation and bone formation via PP2A CÎ±-mediated Smad1/5/9 dephosphorylation. Experimental and Molecular Medicine, 2019, 51, 1-11.	7.7	14
15	OVO homologueâ€like 1 promotes osteoblast differentiation through BMP2 expression. Journal of Cellular Physiology, 2019, 234, 11842-11849.	4.1	4
16	Hypothermia-induced RNA-binding motif protein 3 (RBM3) stimulates osteoblast differentiation via the ERK signaling pathway. Biochemical and Biophysical Research Communications, 2018, 498, 459-465.	2.1	13
17	Kisspeptin-10 (KP-10) stimulates osteoblast differentiation through GPR54-mediated regulation of BMP2 expression and activation. Scientific Reports, 2018, 8, 2134.	3.3	18
18	Curcumin induces osteoblast differentiation through mild-endoplasmic reticulum stress-mediated such as BMP2 on osteoblast cells. Life Sciences, 2018, 193, 34-39.	4.3	55

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19	Piperine induces osteoblast differentiation through AMPK-dependent Runx2 expression. Biochemical and Biophysical Research Communications, 2018, 495, 1497-1502.	2.1	28
20	CRTC2 suppresses BMP2-induced osteoblastic differentiation via Smurf1 expression in MC3T3-E1 cells. Life Sciences, 2018, 214, 70-76.	4.3	8
21	Curculactones A and B induced the differentiation of C3H10T1/2 and MC3T3-E1 cells to osteoblasts. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1301-1303.	2.2	5
22	Costunolide increases osteoblast differentiation via ATF4-dependent HO-1 expression in C3H10T1/2 cells. Life Sciences, 2017, 178, 94-99.	4.3	24
23	Zaluzanin C (ZC) induces osteoblast differentiation through regulating of osteogenic genes expressions in early stage of differentiation. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4789-4793.	2.2	5
24	Bmal1 induces osteoblast differentiation via regulation of BMP2 expression in MC3T3-E1 cells. Life Sciences, 2016, 162, 41-46.	4.3	22
25	Small heterodimer partner-interacting leucine zipper protein inhibits adipogenesis by regulating peroxisome proliferator-activated receptor Î³ activity. Life Sciences, 2015, 132, 49-54.	4.3	11
26	Methylation and expression changes in imprinted genesH19andIgf2during serial somatic cell nuclear transfer using piglet fibroblasts. Animal Cells and Systems, 2015, 19, 46-53.	2.2	3
27	B-cell translocation gene 2 promotes hepatic hepcidin production via induction of Yin Yang 1. Biochemical and Biophysical Research Communications, 2015, 460, 996-1001.	2.1	8
28	Cyclic AMP Response Element-binding Protein H (CREBH) Mediates the Inhibitory Actions of Tumor Necrosis Factor Î± in Osteoblast Differentiation by Stimulating Smad1 Degradation. Journal of Biological Chemistry, 2015, 290, 13556-13566.	3.4	24
29	SMILE inhibits BMP-2-induced expression of osteocalcin by suppressing the activity of the RUNX2 transcription factor in MC3T3E1 cells. Bone, 2014, 61, 10-18.	2.9	19
30	ER stress-inducible ATF3 suppresses BMP2-induced ALP expression and activation in MC3T3-E1 cells. Biochemical and Biophysical Research Communications, 2014, 443, 333-338.	2.1	24
31	BMP2 Protein Regulates Osteocalcin Expression via Runx2-mediated Atf6 Gene Transcription. Journal of Biological Chemistry, 2012, 287, 905-915.	3.4	163
32	Tunicamycin negatively regulates BMP2-induced osteoblast differentiation through CREBH expression in MC3T3E1 cells. BMB Reports, 2011, 44, 735-740.	2.4	24