

Won-Gu Jang

List of Publications by Year in descending order

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papers

577
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687363

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times ranked

928
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#	ARTICLE	IF	CITATIONS
1	BMP2 Protein Regulates Osteocalcin Expression via Runx2-mediated Atf6 Gene Transcription. <i>Journal of Biological Chemistry</i> , 2012, 287, 905-915.	3.4	163
2	Curcumin induces osteoblast differentiation through mild-endoplasmic reticulum stress-mediated such as BMP2 on osteoblast cells. <i>Life Sciences</i> , 2018, 193, 34-39.	4.3	55
3	Fenofibrate induces PPAR α and BMP2 expression to stimulate osteoblast differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2019, 520, 459-465.	2.1	32
4	Piperine induces osteoblast differentiation through AMPK-dependent Runx2 expression. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1497-1502.	2.1	28
5	ER stress-inducible ATF3 suppresses BMP2-induced ALP expression and activation in MC3T3-E1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 333-338.	2.1	24
6	Cyclic AMP Response Element-binding Protein H (CREBH) Mediates the Inhibitory Actions of Tumor Necrosis Factor α in Osteoblast Differentiation by Stimulating Smad1 Degradation. <i>Journal of Biological Chemistry</i> , 2015, 290, 13556-13566.	3.4	24
7	Costunolide increases osteoblast differentiation via ATF4-dependent HO-1 expression in C3H10T1/2 cells. <i>Life Sciences</i> , 2017, 178, 94-99.	4.3	24
8	Tunicamycin negatively regulates BMP2-induced osteoblast differentiation through CREBH expression in MC3T3E1 cells. <i>BMB Reports</i> , 2011, 44, 735-740.	2.4	24
9	Bmal1 induces osteoblast differentiation via regulation of BMP2 expression in MC3T3-E1 cells. <i>Life Sciences</i> , 2016, 162, 41-46.	4.3	22
10	SMILE inhibits BMP-2-induced expression of osteocalcin by suppressing the activity of the RUNX2 transcription factor in MC3T3E1 cells. <i>Bone</i> , 2014, 61, 10-18.	2.9	19
11	Kisspeptin-10 (KP-10) stimulates osteoblast differentiation through GPR54-mediated regulation of BMP2 expression and activation. <i>Scientific Reports</i> , 2018, 8, 2134.	3.3	18
12	Peroxiredoxin II negatively regulates BMP2-induced osteoblast differentiation and bone formation via PP2A C δ -mediated Smad1/5/9 dephosphorylation. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-11.	7.7	14
13	Hypothermia-induced RNA-binding motif protein 3 (RBM3) stimulates osteoblast differentiation via the ERK signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2018, 498, 459-465.	2.1	13
14	Small heterodimer partner-interacting leucine zipper protein inhibits adipogenesis by regulating peroxisome proliferator-activated receptor β activity. <i>Life Sciences</i> , 2015, 132, 49-54.	4.3	11
15	Vitexin enhances osteoblast differentiation through phosphorylation of Smad and expression of Runx2 at in vitro and ex vivo. <i>Molecular Biology Reports</i> , 2020, 47, 8809-8817.	2.3	11
16	Chrysophanol increases osteoblast differentiation via AMPK/Smad1/5/9 phosphorylation in vitro and in vivo. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 515-523.	1.9	11
17	Estradiol-induced ROR α expression positively regulates osteoblast differentiation. <i>Steroids</i> , 2019, 149, 108412.	1.8	10
18	Alpha-pinene promotes osteoblast differentiation and attenuates TNF α -induced inhibition of differentiation in MC3T3-E1 pre-osteoblasts. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 831-837.	1.9	10

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19	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. <i>Molecules and Cells</i> , 2020, 43, 58-65.	2.6	9
20	B-cell translocation gene 2 promotes hepatic hepcidin production via induction of Yin Yang 1. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 996-1001.	2.1	8
21	CRTC2 suppresses BMP2-induced osteoblastic differentiation via Smurf1 expression in MC3T3-E1 cells. <i>Life Sciences</i> , 2018, 214, 70-76.	4.3	8
22	Policosanol attenuates Pi-induced calcification via AMPK-mediated INSIGs expression in rat VSMCs. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 1336-1345.	1.9	7
23	Zingerone Attenuates Pi-induced Vascular Calcification via AMPK-mediated TIMP4 Expression. <i>Journal of Lipid and Atherosclerosis</i> , 2021, 10, 62.	3.5	7
24	Curculactones A and B induced the differentiation of C3H10T1/2 and MC3T3-E1 cells to osteoblasts. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1301-1303.	2.2	5
25	Zaluzanin C (ZC) induces osteoblast differentiation through regulating of osteogenic genes expressions in early stage of differentiation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4789-4793.	2.2	5
26	Cip2A modulates osteogenic differentiation via the ERK/Runx2 pathway in MG63 cells. <i>BioFactors</i> , 2021, 47, 658-664.	5.4	5
27	OVO homologue 1 promotes osteoblast differentiation through BMP2 expression. <i>Journal of Cellular Physiology</i> , 2019, 234, 11842-11849.	4.1	4
28	Methylation and expression changes in imprinted genes H19 and Igf2 during serial somatic cell nuclear transfer using piglet fibroblasts. <i>Animal Cells and Systems</i> , 2015, 19, 46-53.	2.2	3
29	Therapeutic anti-psoriatic effects of myeloid-derived suppressor cells in combination with systemic tacrolimus (FK-506) in an imiquimod-induced mouse model of psoriasis. <i>International Immunopharmacology</i> , 2020, 86, 106553.	3.8	2
30	Carbohydrate responsive element binding protein (ChREBP) negatively regulates osteoblast differentiation via protein phosphatase 2A C α dependent manner. <i>International Journal of Biochemistry and Cell Biology</i> , 2020, 124, 105766.	2.8	1
31	NXNL1 negatively regulates osteoblast differentiation via GDF15-induced PP2A C α dependent manner in MC3T3-E1 cells. <i>BioFactors</i> , 2022, 48, 239-248.	5.4	0
32	Effect of Barley β -Glucan on Osteoblast Differentiation and Molecular Mechanism. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2022, 51, 403-411.	0.9	0