Baruch Frenkel

List of Publications by Year in descending order

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38 papers	2,089 citations	236925 25 h-index	330143 37 g-index
38 all docs	38 docs citations	38 times ranked	2944 citing authors

#	Article	IF	Citations
1	Arginine methylation of R81 in Smad6 confines BMP-induced Smad1 signaling. Journal of Biological Chemistry, 2021, 296, 100496.	3.4	4
2	Estrogens and selective estrogen receptor modulators differentially antagonize Runx2 in ST2 mesenchymal progenitor cells. Journal of Steroid Biochemistry and Molecular Biology, 2018, 183, 10-17.	2.5	6
3	Glucocorticoids Hijack Runx2 to StimulateWif1for Suppression of Osteoblast Growth and Differentiation. Journal of Cellular Physiology, 2017, 232, 145-153.	4.1	23
4	Estrogens and androgens inhibit association of RANKL with the preâ€osteoblast membrane through postâ€translational mechanisms. Journal of Cellular Physiology, 2017, 232, 3798-3807.	4.1	15
5	High-Throughput Screen for Inhibitors of Androgen Receptor-RUNX2 Transcriptional Regulation in Prostate Cancer. Journal of Pharmacology and Experimental Therapeutics, 2016, 359, 256-261.	2.5	1
6	Autophagic UVRAG Promotes UV-Induced Photolesion Repair by Activation of the CRL4 DDB2 E3 Ligase. Molecular Cell, 2016, 62, 507-519.	9.7	33
7	Estrogens antagonize RUNX2-mediated osteoblast-driven osteoclastogenesis through regulating RANKL membrane association. Bone, 2015, 75, 96-104.	2.9	39
8	Interaction between bone marrow stromal cells and neuroblastoma cells leads to a VEGFA-mediated osteoblastogenesis. International Journal of Cancer, 2015, 137, 797-809.	5.1	12
9	Glucocorticoid-Induced Osteoporosis. Advances in Experimental Medicine and Biology, 2015, 872, 179-215.	1.6	135
10	Initial Characterization of Osteoblast Differentiation and Loss of RUNX2 Stability in the Newly Established SK11 Human Embryonic Stem Cellâ€Derived Cell Line. Journal of Cellular Physiology, 2015, 230, 237-241.	4.1	4
11	Glucocorticoids Antagonize RUNX2 During Osteoblast Differentiation in Cultures of ST2 Pluripotent Mesenchymal Cells. Journal of Cellular Biochemistry, 2014, 115, 27-33.	2.6	48
12	Differential Effects of RUNX2 on the Androgen Receptor in Prostate Cancer: Synergistic Stimulation of a Gene Set Exemplified by SNAI2 and Subsequent Invasiveness. Cancer Research, 2014, 74, 2857-2868.	0.9	30
13	Genome-wide Runx2 occupancy in prostate cancer cells suggests a role in regulating secretion. Nucleic Acids Research, 2012, 40, 3538-3547.	14.5	38
14	Runx2 controls a feedâ€forward loop between androgen and prolactinâ€induced protein (PIP) in stimulating T47D cell proliferation. Journal of Cellular Physiology, 2012, 227, 2276-2282.	4.1	51
15	Regulation of breast cancer metastasis by Runx2 and estrogen signaling: the role of SNAI2. Breast Cancer Research, 2011, 13, R127.	5.0	117
16	Developmentally regulated inhibition of cell cycle progression by glucocorticoids through repression of cyclin a transcription in primary osteoblast cultures. Journal of Cellular Physiology, 2011, 226, 991-998.	4.1	26
17	Regulation of adult bone turnover by sex steroids. Journal of Cellular Physiology, 2010, 224, 305-310.	4.1	127
18	Runx2 transcriptome of prostate cancer cells: insights into invasiveness and bone metastasis. Molecular Cancer, 2010, 9, 258.	19.2	146

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19	Lef1 Haploinsufficient Mice Display a Low Turnover and Low Bone Mass Phenotype in a Gender- and Age-Specific Manner. PLoS ONE, 2009, 4, e5438.	2.5	58
20	Repression of Runx2 by Androgen Receptor (AR) in Osteoblasts and Prostate Cancer Cells: AR Binds Runx2 and Abrogates Its Recruitment to DNA. Molecular Endocrinology, 2009, 23, 1203-1214.	3.7	65
21	Opposing effects of glucocorticoids and Wnt signaling on Krox20 and mineral deposition in osteoblast cultures. Journal of Cellular Biochemistry, 2008, 103, 1938-1951.	2.6	23
22	Progressive recruitment of Runx2 to genomic targets despite decreasing expression during osteoblast differentiation. Journal of Cellular Biochemistry, 2008, 105, 965-970.	2.6	18
23	BMP-2 vs. BMP-4 expression and activity in glucocorticoid-arrested MC3T3-E1 osteoblasts: Smad signaling, not alkaline phosphatase activity, predicts rescue of mineralization. Growth Factors, 2008, 26, 226-237.	1.7	34
24	Modulation of Runx2 Activity by Estrogen Receptor-Î±: Implications for Osteoporosis and Breast Cancer. Endocrinology, 2008, 149, 5984-5995.	2.8	82
25	Identification of Transcription Factor Target Genes by ChIP Display. Methods in Molecular Biology, 2008, 455, 177-190.	0.9	4
26	Genomic Androgen Receptor-Occupied Regions with Different Functions, Defined by Histone Acetylation, Coregulators and Transcriptional Capacity. PLoS ONE, 2008, 3, e3645.	2.5	130
27	Identification of novel androgen receptor target genes in prostate cancer. Molecular Cancer, 2007, 6, 39.	19.2	88
28	Identification of novel Runx2 targets in osteoblasts: Cell type-specific BMP-dependent regulation of Tram2. Journal of Cellular Biochemistry, 2007, 102, 1458-1471.	2.6	25
29	Androgen receptorâ€mediated repression of novel target genes. Prostate, 2007, 67, 1371-1383.	2.3	49
30	Glucocorticoids inhibit osteocalcin transcription in osteoblasts by suppressing Egr2/Krox20-binding enhancer. Arthritis and Rheumatism, 2005, 52, 929-939.	6.7	46
31	Glucocorticoids Inhibit the Transcriptional Activity of LEF/TCF in Differentiating Osteoblasts in a Glycogen Synthase Kinase-3Î²-dependent and -independent Manner. Journal of Biological Chemistry, 2005, 280, 2388-2394.	3.4	143
32	ChIP Display: novel method for identification of genomic targets of transcription factors. Nucleic Acids Research, 2004, 32, e104-e104.	14.5	28
33	Bone Morphogenetic Protein-2 Restores Mineralization in Glucocorticoid-Inhibited MC3T3-E1 Osteoblast Cultures. Journal of Bone and Mineral Research, 2003, 18, 1186-1197.	2.8	100
34	Brief Bone Morphogenetic Protein 2 Treatment of Glucocorticoid-inhibited MC3T3-E1 Osteoblasts Rescues Commitment-associated Cell Cycle and Mineralization without Alteration of Runx2. Journal of Biological Chemistry, 2003, 278, 44995-45003.	3.4	57
35	Glucocorticoids Inhibit Cell Cycle Progression in Differentiating Osteoblasts via Glycogen Synthase Kinase-3Î². Journal of Biological Chemistry, 2002, 277, 18191-18197.	3.4	85
36	Molecular Mechanisms Controlling the Cell Cycle and Proliferation-Differentiation Interrelationships. , 2002, , 41-80.		0

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37	Inhibitory effects of the quinolone antibiotics trovafloxacin, ciprofloxacin, and levofloxacin on osteoblastic cellsin vitro. Journal of Orthopaedic Research, 2000, 18, 721-727.	2.3	103
38	Glucocorticoids Inhibit Developmental Stage-specific Osteoblast Cell Cycle. Journal of Biological Chemistry, 2000, 275, 19992-20001.	3.4	96