# Baruch Frenkel

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/620039/publications.pdf

Version: 2024-02-01

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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 | Runx2 transcriptome of prostate cancer cells: insights into invasiveness and bone metastasis. Molecular Cancer, 2010, 9, 258. | 19.2 | 146 |
| 2 | 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 |
| 3 | Glucocorticoid-Induced Osteoporosis. Advances in Experimental Medicine and Biology, 2015, 872, 179-215. | 1.6 | 135 |
| 4 | Genomic Androgen Receptor-Occupied Regions with Different Functions, Defined by Histone Acetylation, Coregulators and Transcriptional Capacity. PLoS ONE, 2008, 3, e3645. | 2.5 | 130 |
| 5 | Regulation of adult bone turnover by sex steroids. Journal of Cellular Physiology, 2010, 224, 305-310. | 4.1 | 127 |
| 6 | Regulation of breast cancer metastasis by Runx2 and estrogen signaling: the role of SNAI2. Breast Cancer Research, 2011, 13, R127. | 5.0 | 117 |
| 7 | 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 |
| 8 | 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 |
| 9 | Glucocorticoids Inhibit Developmental Stage-specific Osteoblast Cell Cycle. Journal of Biological Chemistry, 2000, 275, 19992-20001. | 3.4 | 96 |
| 10 | Identification of novel androgen receptor target genes in prostate cancer. Molecular Cancer, 2007, 6, 39. | 19.2 | 88 |
| 11 | Glucocorticoids Inhibit Cell Cycle Progression in Differentiating Osteoblasts via Glycogen Synthase Kinase-3Î². Journal of Biological Chemistry, 2002, 277, 18191-18197. | 3.4 | 85 |
| 12 | Modulation of Runx2 Activity by Estrogen Receptor-Î±: Implications for Osteoporosis and Breast Cancer. Endocrinology, 2008, 149, 5984-5995. | 2.8 | 82 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | Androgen receptorâ€mediated repression of novel target genes. Prostate, 2007, 67, 1371-1383. | 2.3 | 49 |
| 18 | Glucocorticoids Antagonize RUNX2 During Osteoblast Differentiation in Cultures of ST2 Pluripotent Mesenchymal Cells. Journal of Cellular Biochemistry, 2014, 115, 27-33. | 2.6 | 48 |

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|---|---|---|---|
| 19 | Glucocorticoids inhibit osteocalcin transcription in osteoblasts by suppressing Egr2/Krox20-binding enhancer. Arthritis and Rheumatism, 2005, 52, 929-939. | 6.7 | 46 |
| 20 | Estrogens antagonize RUNX2-mediated osteoblast-driven osteoclastogenesis through regulating RANKL membrane association. Bone, 2015, 75, 96-104. | 2.9 | 39 |
| 21 | Genome-wide Runx2 occupancy in prostate cancer cells suggests a role in regulating secretion. Nucleic Acids Research, 2012, 40, 3538-3547. | 14.5 | 38 |
| 22 | 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 |
| 23 | Autophagic UVRAG Promotes UV-Induced Photolesion Repair by Activation of the CRL4 DDB2 E3 Ligase. Molecular Cell, 2016, 62, 507-519. | 9.7 | 33 |
| 24 | 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 |
| 25 | ChIP Display: novel method for identification of genomic targets of transcription factors. Nucleic Acids Research, 2004, 32, e104-e104. | 14.5 | 28 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | Glucocorticoids Hijack Runx2 to StimulateWif1for Suppression of Osteoblast Growth and Differentiation. Journal of Cellular Physiology, 2017, 232, 145-153. | 4.1 | 23 |
| 30 | Progressive recruitment of Runx2 to genomic targets despite decreasing expression during osteoblast differentiation. Journal of Cellular Biochemistry, 2008, 105, 965-970. | 2.6 | 18 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | Arginine methylation of R81 in Smad6 confines BMP-induced Smad1 signaling. Journal of Biological Chemistry, 2021, 296, 100496. | 3.4 | 4 |
| 36 | Identification of Transcription Factor Target Genes by ChIP Display. Methods in Molecular Biology, 2008, 455, 177-190. | 0.9 | 4 |

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|---|---|---|---|
| 37 | 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 |
| 38 | Molecular Mechanisms Controlling the Cell Cycle and Proliferation-Differentiation Interrelationships. , 2002, , 41-80. | | 0 |