

# Xiangli Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

4,938  
citations

304743

22  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

5999  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Leptin regulation of bone resorption by the sympathetic nervous system and CART. <i>Nature</i> , 2005, 434, 514-520.  | 27.8 | 1,105     |
| 2  | ATF4 Is a Substrate of RSK2 and an Essential Regulator of Osteoblast Biology. <i>Cell</i> , 2004, 117, 387-398.   | 28.9 | 749       |
| 3  | Histone Deacetylase 4 Controls Chondrocyte Hypertrophy during Skeletogenesis. <i>Cell</i> , 2004, 119, 555-566.   | 28.9 | 710       |
| 4  | A Twist Code Determines the Onset of Osteoblast Differentiation. <i>Developmental Cell</i> , 2004, 6, 423-435.  | 7.0  | 619       |
| 5  | Cooperative Interactions between Activating Transcription Factor 4 and Runx2/Cbfa1 Stimulate Osteoblast-specific Osteocalcin Gene Expression. <i>Journal of Biological Chemistry</i> , 2005, 280, 30689-30696.            | 3.4  | 215       |
| 6  | ATF4, the Osteoblast Accumulation of Which Is Determined Post-translationally, Can Induce Osteoblast-specific Gene Expression in Non-osteoblastic Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 47109-47114. | 3.4  | 167       |
| 7  | Smad1 Interacts with Homeobox DNA-binding Proteins in Bone Morphogenetic Protein Signaling. <i>Journal of Biological Chemistry</i> , 1999, 274, 13711-13717.  | 3.4  | 161       |
| 8  | Stimulation of Host Bone Marrow Stromal Cells by Sympathetic Nerves Promotes Breast Cancer Bone Metastasis in Mice. <i>PLoS Biology</i> , 2012, 10, e1001363.   | 5.6  | 152       |
| 9  | Smad6 as a Transcriptional Corepressor. <i>Journal of Biological Chemistry</i> , 2000, 275, 8267-8270.  | 3.4  | 131       |
| 10 | Atf4 regulates chondrocyte proliferation and differentiation during endochondral ossification by activating <i>lhx-1</i> transcription. <i>Development (Cambridge)</i> , 2009, 136, 4143-4153.                            | 2.5  | 112       |
| 11 | Genetic mouse models for bone studies—Strengths and limitations. <i>Bone</i> , 2011, 49, 1242-1254.   | 2.9  | 106       |
| 12 | Smad1 Domains Interacting with Hoxc-8 Induce Osteoblast Differentiation. <i>Journal of Biological Chemistry</i> , 2000, 275, 1065-1072.   | 3.4  | 100       |
| 13 | Tandem repeat of C/EBP binding sites mediates PPAR $\gamma$ gene transcription in glucocorticoid-induced adipocyte differentiation. <i>Journal of Cellular Biochemistry</i> , 2000, 76, 518-527.                          | 2.6  | 100       |
| 14 | Mice lacking Nf1 in osteochondroprogenitor cells display skeletal dysplasia similar to patients with neurofibromatosis type I. <i>Human Molecular Genetics</i> , 2011, 20, 3910-3924.                                     | 2.9  | 99        |
| 15 | $\beta$ 2-Adrenergic Receptor Signaling in Osteoblasts Contributes to the Catabolic Effect of Glucocorticoids on Bone. <i>Endocrinology</i> , 2011, 152, 1412-1422.   | 2.8  | 74        |
| 16 | Vimentin Inhibits ATF4-mediated Osteocalcin Transcription and Osteoblast Differentiation. <i>Journal of Biological Chemistry</i> , 2009, 284, 30518-30525.  | 3.4  | 62        |
| 17 | Transforming Growth Factor $\beta$ 2 Suppresses Osteoblast Differentiation via the Vimentin Activating Transcription Factor 4 (ATF4) Axis. <i>Journal of Biological Chemistry</i> , 2012, 287, 35975-35984.               | 3.4  | 57        |
| 18 | Local low-dose lovastatin delivery improves the bone-healing defect caused by <i>Nf1</i> loss of function in osteoblasts. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 1658-1667.                              | 2.8  | 49        |

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|----|---|-----|-----------|
| 19 | Chondrocytic Atf4 regulates osteoblast differentiation and function via Ihh. <i>Development</i> (Cambridge), 2012, 139, 601-611.  | 2.5 | 47        |
| 20 | Combined MEK Inhibition and BMP2 Treatment Promotes Osteoblast Differentiation and Bone Healing in <i>Nf1<sup>+/+</sup>Osx<sup>-/-</sup></i> Mice. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 55-63. | 2.8 | 34        |
| 21 | The loss of activating transcription factor 4 (ATF4) reduces bone toughness and fracture toughness. <i>Bone</i> , 2014, 62, 1-9.  | 2.9 | 29        |
| 22 | FGFR1 signaling in hypertrophic chondrocytes is attenuated by the Ras-GAP neurofibromin during endochondral bone formation. <i>Human Molecular Genetics</i> , 2015, 24, 2552-2564.                                | 2.9 | 22        |
| 23 | The Ras-GTPase activity of neurofibromin restrains ERK-dependent FGFR signaling during endochondral bone formation. <i>Human Molecular Genetics</i> , 2013, 22, 3048-3062.  | 2.9 | 20        |
| 24 | Hop2 Interacts with ATF4 to Promote Osteoblast Differentiation. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 2287-2300.  | 2.8 | 12        |
| 25 | Hop2 interacts with the transcription factor CEBP $\beta$ and suppresses adipocyte differentiation. <i>Journal of Biological Chemistry</i> , 2021, 297, 101264.   | 3.4 | 4         |
| 26 | Tandem repeat of C/EBP binding sites mediates PPAR $\gamma$ 2 gene transcription in glucocorticoid-induced adipocyte differentiation. , 2000, 76, 518.  |     | 2         |