

# Weirong Xing

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

385  
citations

10  
h-index

16  
g-index

16  
ext. papers

461  
ext. citations

4.2  
avg, IF

3  
L-index

#	Paper	IF	Citations
16	Chemical IN04 Inhibits the Kinase Domain not the ROC Domain of LRRK1: Results from Homology Modeling and Molecular Docking. <i>Medicinal Chemistry</i> , <b>2021</b> , 17, 1140-1150	1.8	
15	Treatment of Osteosarcoma of the Talus With a 3D-Printed Talar Prosthesis. <i>Journal of Foot and Ankle Surgery</i> , <b>2021</b> , 60, 194-198	1.6	2
14	Chemical IN04 Inhibits the Kinase Domain not the ROC Domain of LRRK1: Results from Homology Modeling and Molecular Docking. <i>Medicinal Chemistry</i> , <b>2021</b> , 17, 1140-1150	1.8	
13	LRRK1 regulation of actin assembly in osteoclasts involves serine 5 phosphorylation of L-plastin. <i>Journal of Cellular Biochemistry</i> , <b>2018</b> , 119, 10351-10357	4.7	9
12	Conditional Deletion of Prolyl Hydroxylase Domain-Containing Protein 2 (Phd2) Gene Reveals Its Essential Role in Chondrocyte Function and Endochondral Bone Formation. <i>Endocrinology</i> , <b>2016</b> , 157, 127-40	4.8	16
11	Thyroid hormone receptor- $\alpha$ signaling is critically involved in regulating secondary ossification via promoting transcription of the <i>Ihh</i> gene in the epiphysis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2016</b> , 310, E846-54	6	10
10	Identification of biallelic LRRK1 mutations in osteosclerotic metaphyseal dysplasia and evidence for locus heterogeneity. <i>Journal of Medical Genetics</i> , <b>2016</b> , 53, 568-74	5.8	26
9	Leucine-rich repeat kinase-1 regulates osteoclast function by modulating RAC1/Cdc42 Small GTPase phosphorylation and activation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2016</b> , 311, E772-E780	6	8
8	Epiphyseal chondrocyte secondary ossification centers require thyroid hormone activation of Indian hedgehog and osterix signaling. <i>Journal of Bone and Mineral Research</i> , <b>2014</b> , 29, 2262-75	6.3	49
7	Targeted disruption of leucine-rich repeat kinase 1 but not leucine-rich repeat kinase 2 in mice causes severe osteopetrosis. <i>Journal of Bone and Mineral Research</i> , <b>2013</b> , 28, 1962-74	6.3	35
6	Transgenic overexpression of ephrin b1 in bone cells promotes bone formation and an anabolic response to mechanical loading in mice. <i>PLoS ONE</i> , <b>2013</b> , 8, e69051	3.7	18
5	Targeted disruption of ephrin B1 in cells of myeloid lineage increases osteoclast differentiation and bone resorption in mice. <i>PLoS ONE</i> , <b>2012</b> , 7, e32887	3.7	35
4	Ascorbic acid regulates osterix expression in osteoblasts by activation of prolyl hydroxylase and ubiquitination-mediated proteosomal degradation pathway. <i>Physiological Genomics</i> , <b>2011</b> , 43, 749-57	3.6	32
3	Ephrin B1 regulates bone marrow stromal cell differentiation and bone formation by influencing TAZ transactivation via complex formation with NHERF1. <i>Molecular and Cellular Biology</i> , <b>2010</b> , 30, 711-21	4.8	80
2	Nuclear factor-E2-related factor-1 mediates ascorbic acid induction of osterix expression via interaction with antioxidant-responsive element in bone cells. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 22052-61	5.4	63
1	A platform of high-efficiency nonviral gene transfer in mouse osteoblast cells in vitro. <i>Molecular Biotechnology</i> , <b>2006</b> , 34, 29-35	3	2