

# Yumei Lai

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	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.	1.6	215
2	Kindlin-2 controls TGF- $\beta$ 2 signalling and Sox9 expression to regulate chondrogenesis. <i>Nature Communications</i> , 2015, 6, 7531.	5.8	93
3	ATF4 promotes bone angiogenesis by increasing vegf expression and release in the bone environment. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1870-1884.	3.1	57
4	Focal adhesion protein Kindlin-2 regulates bone homeostasis in mice. <i>Bone Research</i> , 2020, 8, 2.	5.4	50
5	Kindlin-2 inhibits Nlrp3 inflammasome activation in nucleus pulposus to maintain homeostasis of the intervertebral disc. <i>Bone Research</i> , 2022, 10, 5.	5.4	48
6	Kindlin-2 Association with Rho GDP-Dissociation Inhibitor $\beta$ Suppresses Rac1 Activation and Podocyte Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 3545-3562.	3.0	38
7	Kindlin-2 modulates MafA and $\beta$ -catenin expression to regulate $\beta$ -cell function and mass in mice. <i>Nature Communications</i> , 2020, 11, 484.	5.8	38
8	Impaired Bone Homeostasis in Amyotrophic Lateral Sclerosis Mice with Muscle Atrophy. <i>Journal of Biological Chemistry</i> , 2015, 290, 8081-8094.	1.6	32
9	Kindlin-2 regulates skeletal homeostasis by modulating PTH1R in mice. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 297.	7.1	31
10	Focal adhesion proteins Pinch1 and Pinch2 regulate bone homeostasis in mice. <i>JCI Insight</i> , 2019, 4, .	2.3	28
11	LIM domain proteins Pinch1/2 regulate chondrogenesis and bone mass in mice. <i>Bone Research</i> , 2020, 8, 37.	5.4	24
12	Kindlin-2 preserves integrity of the articular cartilage to protect against osteoarthritis. <i>Nature Aging</i> , 2022, 2, 332-347.	5.3	21
13	Kindlin-2 deletion in osteoprogenitors causes severe chondrodysplasia and low-turnover osteopenia in mice. <i>Journal of Orthopaedic Translation</i> , 2022, 32, 41-48.	1.9	17
14	Kindlin-2 loss in condylar chondrocytes causes spontaneous osteoarthritic lesions in the temporomandibular joint in mice. <i>International Journal of Oral Science</i> , 2022, 14, .	3.6	11
15	CRISPR-Cas9-mediated loss of function of $\beta$ -catenin attenuates intervertebral disc degeneration. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 28, 387-396.	2.3	8
16	Prolyl hydroxylase domain proteins regulate bone mass through their expression in osteoblasts. <i>Gene</i> , 2016, 594, 125-130.	1.0	6