

# Xi Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

565  
citations

687363

13  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

774  
citing authors

#	ARTICLE	IF	CITATIONS
1	The roles of exercise in bone remodeling and in prevention and treatment of osteoporosis. <i>Progress in Biophysics and Molecular Biology</i> , 2016, 122, 122-130.	2.9	98
2	The Effect of Exercise on the Prevention of Osteoporosis and Bone Angiogenesis. <i>BioMed Research International</i> , 2019, 2019, 1-8.	1.9	75
3	Mechanical Stress Regulates Bone Metabolism Through MicroRNAs. <i>Journal of Cellular Physiology</i> , 2017, 232, 1239-1245.	4.1	57
4	Massage Alleviates Delayed Onset Muscle Soreness after Strenuous Exercise: A Systematic Review and Meta-Analysis. <i>Frontiers in Physiology</i> , 2017, 8, 747.	2.8	53
5	Influence of Exercise on Bone Remodeling-Related Hormones and Cytokines in Ovariectomized Rats: A Model of Postmenopausal Osteoporosis. <i>PLoS ONE</i> , 2014, 9, e112845.	2.5	51
6	m6A Methylation Regulates Osteoblastic Differentiation and Bone Remodeling. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 783322.	3.7	43
7	Cyclic compression stimulates osteoblast differentiation via activation of the Wnt/ $\beta^2$ -catenin signaling pathway. <i>Molecular Medicine Reports</i> , 2017, 15, 2890-2896.	2.4	29
8	Achyranthes bidentata polysaccharide suppresses osteoclastogenesis and bone resorption via inhibiting RANKL signaling. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 4826-4835.	2.6	25
9	Treadmill running exercise prevents senile osteoporosis and upregulates the Wnt signaling pathway in SAMP6 mice. <i>Oncotarget</i> , 2016, 7, 71072-71086.	1.8	22
10	The effects of different intensities of exercise and active vitamin D on mouse bone mass and bone strength. <i>Journal of Bone and Mineral Metabolism</i> , 2017, 35, 265-277.	2.7	20
11	The Role of Irisin in Exercise-Mediated Bone Health. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 668759.	3.7	19
12	MiR-214 Attenuates the Osteogenic Effects of Mechanical Loading on Osteoblasts. <i>International Journal of Sports Medicine</i> , 2019, 40, 931-940.	1.7	18
13	Molecular structure and differential function of choline kinases CHK1 and CHK2 in musculoskeletal system and cancer. <i>Cytokine and Growth Factor Reviews</i> , 2017, 33, 65-72.	7.2	14
14	Asperpyrone A attenuates RANKL-induced osteoclast formation through inhibiting NFATc1, Ca <sup>2+</sup> signalling and oxidative stress. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 8269-8279.	3.6	13
15	Does Acupuncture Benefit Delayed-Onset Muscle Soreness After Strenuous Exercise? A Systematic Review and Meta-Analysis. <i>Frontiers in Physiology</i> , 2020, 11, 666.	2.8	9
16	Funitremorgin C Attenuates Osteoclast Formation and Function via Suppressing RANKL-Induced Signaling Pathways. <i>Frontiers in Pharmacology</i> , 2020, 11, 238.	3.5	8
17	A New Fitness Test of Estimating VO <sub>2</sub> max in Well-Trained Rowing Athletes. <i>Frontiers in Physiology</i> , 2021, 12, 701541.	2.8	7
18	Effects of exercise on the expression of long non-coding RNAs in the bone of mice with osteoporosis. <i>Experimental and Therapeutic Medicine</i> , 2021, 23, 70.	1.8	4