

# Liu Zhang

## List of Publications by Year in descending order

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times ranked

864  
citing authors

#	ARTICLE	IF	CITATIONS
1	Are estrogen-related drugs new alternatives for the management of osteoarthritis?. <i>Arthritis Research and Therapy</i> , 2016, 18, 151.	3.5	52
2	Enhancement of subchondral bone quality by alendronate administration for the reduction of cartilage degeneration in the early phase of experimental osteoarthritis. <i>Clinical and Experimental Medicine</i> , 2011, 11, 235-243.	3.6	40
3	Alendronate retards the progression of lumbar intervertebral disc degeneration in ovariectomized rats. <i>Bone</i> , 2013, 55, 439-448.	2.9	40
4	Epidemiology of cervical and trochanteric fractures of the proximal femur in 1994 in Tangshan, China. <i>Journal of Bone and Mineral Metabolism</i> , 2000, 18, 84-88.	2.7	37
5	An increase in the incidence of hip fractures in Tangshan, China. <i>Osteoporosis International</i> , 2014, 25, 1321-1325.	3.1	33
6	Zn <sup>2+</sup> and mPTP Mediate Endoplasmic Reticulum Stress Inhibition-Induced Cardioprotection Against Myocardial Ischemia/Reperfusion Injury. <i>Biological Trace Element Research</i> , 2016, 174, 189-197.	3.5	28
7	Alendronate Prevents Intervertebral Disc Degeneration Adjacent to a Lumbar Fusion in Ovariectomized Rats. <i>Spine</i> , 2015, 40, E1073-E1083.	2.0	27
8	Enhancement of Lumbar Fusion and Alleviation of Adjacent Segment Disc Degeneration by Intermittent PTH(1-34) in Ovariectomized Rats. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 828-838.	2.8	27
9	The Potential Protective Effects of Calcitonin Involved in Coordinating Chondrocyte Response, Extracellular Matrix, and Subchondral Trabecular Bone in Experimental Osteoarthritis. <i>Connective Tissue Research</i> , 2013, 54, 139-146.	2.3	23
10	Age Dependent Changes in Cartilage Matrix, Subchondral Bone Mass, and Estradiol Levels in Blood Serum, in Naturally Occurring Osteoarthritis in Guinea Pigs. <i>International Journal of Molecular Sciences</i> , 2014, 15, 13578-13595.	4.1	22
11	Unparallel gender-specific changes in the incidence of hip fractures in Tangshan, China. <i>Archives of Osteoporosis</i> , 2017, 12, 18.	2.4	22
12	Parathyroid hormone(1-34) exhibits more comprehensive effects than celecoxib in cartilage metabolism and maintaining subchondral bone micro-architecture in meniscectomized guinea pigs. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 1103-1112.	1.3	20
13	Parathyroid hormone (1-34) ameliorates cartilage degeneration and subchondral bone deterioration in collagenase-induced osteoarthritis model in mice. <i>Bone and Joint Research</i> , 2020, 9, 675-688.	3.6	20
14	PD-L1 expression is associated with advanced non-small cell lung cancer. <i>Oncology Letters</i> , 2016, 12, 921-927.	1.8	18
15	The inhibitory effect of salmon calcitonin on intervertebral disc degeneration in an ovariectomized rat model. <i>European Spine Journal</i> , 2015, 24, 1691-1701.	2.2	17
16	A Novel Rat Model of Patellofemoral Osteoarthritis Due to Patella Baja, or Low-Lying Patella. <i>Medical Science Monitor</i> , 2019, 25, 2702-2717.	1.1	16
17	Strontium ranelate causes osteophytes overgrowth in a model of early phase osteoarthritis. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 78.	1.9	14
18	Expression and Significance of the Wip1 Proto-oncogene in Colorectal Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 1975-1979.	1.2	14

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19	Interleukin-1 $\beta$ Protection Against Experimental Sepsis in Mice. <i>Inflammation</i> , 2021, 44, 358-370.	3.8	12
20	Protective effect of calcitonin on lumbar fusion-induced adjacent-segment disc degeneration in ovariectomized rat. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 342.	1.9	11
21	Effects of alendronate on lumbar intervertebral disc degeneration with bone loss in ovariectomized rats. <i>Spine Journal</i> , 2017, 17, 995-1003.	1.3	11
22	Denosumab alleviates intervertebral disc degeneration adjacent to lumbar fusion by inhibiting endplate osteochondral remodeling and vertebral osteoporosis in ovariectomized rats. <i>Arthritis Research and Therapy</i> , 2021, 23, 152.	3.5	11
23	Salmon Calcitonin Attenuates Degenerative Changes in Cartilage and Subchondral Bone in Lumbar Facet Joint in an Experimental Rat Model. <i>Medical Science Monitor</i> , 2018, 24, 2849-2857.	1.1	11
24	Effects of human parathyroid hormone 1 $\alpha$ 34 on bone loss and lumbar intervertebral disc degeneration in ovariectomized rats. <i>International Orthopaedics</i> , 2018, 42, 1183-1190.	1.9	10
25	Salmon calcitonin exerts better preventive effects than celecoxib on lumbar facet joint degeneration and long-term tactile allodynia in rats. <i>Bone</i> , 2019, 127, 17-25.	2.9	7
26	Protective Effect of Alendronate on Lumbar Facet Degeneration in Ovariectomized Rats. <i>Medical Science Monitor</i> , 2019, 25, 4907-4915.	1.1	7
27	Combination of metformin and exercise alleviates osteoarthritis in ovariectomized mice fed a high-fat diet. <i>Bone</i> , 2022, 157, 116323.	2.9	7
28	The Protective Effects of Parathyroid Hormone (1 $\alpha$ 34) on Cartilage and Subchondral Bone Through Down $\beta$ Regulating $\langle \text{JAK2} \rangle / \langle \text{STAT3} \rangle$ and $\langle \text{WNT5A} \rangle / \langle \text{ROR2} \rangle$ in a Collagenase $\alpha$ Induced Osteoarthritis Mouse Model. <i>Orthopaedic Surgery</i> , 2021, 13, 1662-1672.	1.8	6
29	Raloxifene inhibits the overexpression of TGF- $\beta$ 1 in cartilage and regulates the metabolism of subchondral bone in rats with osteoporotic osteoarthritis. <i>Bosnian Journal of Basic Medical Sciences</i> , 2021, 21, 284-293.	1.0	5
30	Reconstruction of Soft Tissue Defects in the Hand with a Free Anterolateral Thigh Deep Fascia Flap. <i>Orthopaedic Surgery</i> , 2021, 13, 758-767.	1.8	4
31	Strontium Ranelate Combined with Insulin Is as Beneficial as Insulin Alone in Treatment of Fracture Healing in Ovariectomized Diabetic Rats. <i>Medical Science Monitor</i> , 2018, 24, 6525-6536.	1.1	4
32	Orally administered simvastatin partially preserves lumbar vertebral bone mass but not integrity of intervertebral discs in ovariectomized rats. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 877-884.	1.8	3
33	Scar overlapping suture for treating chronic tendinous mallet finger in children. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 65.	2.3	2
34	Raloxifene retards the progression of adjacent segmental intervertebral disc degeneration by inhibiting apoptosis of nucleus pulposus in ovariectomized rats. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 368.	2.3	2
35	The combined anti-osteoporotic effects of simvastatin and exercise in ovariectomized mice fed a high-fat diet. <i>Experimental Gerontology</i> , 2022, 164, 111794.	2.8	2
36	Histopathological changes in the infrapatellar fat pad in an experimental rabbit model of early patellofemoral osteoarthritis. <i>Knee</i> , 2019, 26, 2-13.	1.6	1

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37	Expression of Tmem41b and MMP13 associated with poor outcome in osteosarcomas. Neoplasma, 2021, ,	1.6	1