

# Bingyang Dai

## List of Publications by Year in descending order

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16  
papers

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citations

840776  
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citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophages in epididymal adipose tissue secrete osteopontin to regulate bone homeostasis. <i>Nature Communications</i> , 2022, 13, 427.	12.8	29
2	Calcitonin Gene-Related Peptide Enhances Distraction Osteogenesis by Increasing Angiogenesis. <i>Tissue Engineering - Part A</i> , 2021, 27, 87-102.	3.1	44
3	Comparison of modified injection molding and conventional machining in biodegradable behavior of perforated cannulated magnesium hip stents. <i>Journal of Materials Science and Technology</i> , 2021, 63, 145-160.	10.7	23
4	Combination of magnesium ions and vitamin C alleviates synovitis and osteophyte formation in osteoarthritis of mice. <i>Bioactive Materials</i> , 2021, 6, 1341-1352.	15.6	39
5	Nanoparticle-Cell Cartilage Interaction: Pathology-Based Intra-articular Drug Delivery for Osteoarthritis Therapy. <i>Nano-Micro Letters</i> , 2021, 13, 149.	27.0	42
6	Comprehensive Analysis of Key Genes, Signaling Pathways and miRNAs in Human Knee Osteoarthritis: Based on Bioinformatics. <i>Frontiers in Pharmacology</i> , 2021, 12, 730587.	3.5	15
7	Synergistic effects of magnesium ions and simvastatin on attenuation of high-fat diet-induced bone loss. <i>Bioactive Materials</i> , 2021, 6, 2511-2522.	15.6	21
8	Biodegradable magnesium combined with distraction osteogenesis synergistically stimulates bone tissue regeneration via CGRP-FAK-VEGF signaling axis. <i>Biomaterials</i> , 2021, 275, 120984.	11.4	61
9	Targeting autophagy in osteoporosis: From pathophysiology to potential therapy. <i>Ageing Research Reviews</i> , 2020, 62, 101098.	10.9	50
10	Knockdown of Ggps1 in chondrocyte expedites fracture healing by accelerating the progression of endochondral ossification in mice. <i>Journal of Bone and Mineral Metabolism</i> , 2018, 36, 133-147.	2.7	6
11	Evaluation of a polyvinyl alcohol-Alginate based hydrogel for precise 3D bioprinting. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 2944-2954.	4.0	35
12	High preoperative serum leptin level is an independent risk factor for deep vein thrombosis after total knee arthroplasty in osteoarthritis patients. <i>Medicine (United States)</i> , 2018, 97, e10884.	1.0	5
13	Click-Chemistry-Mediated Rapid Microbubble Capture for Acute Thrombus Ultrasound Molecular Imaging. <i>ChemBioChem</i> , 2017, 18, 1364-1368.	2.6	14
14	Can patients with femoral neck fracture benefit from preoperative thromboprophylaxis?. <i>Medicine (United States)</i> , 2017, 96, e7604.	1.0	10
15	Novel microspheres reduce the formation of deep venous thrombosis and repair the vascular wall in a rat model. <i>Blood Coagulation and Fibrinolysis</i> , 2017, 28, 398-406.	1.0	2
16	Chronic Kidney Dysfunction Can Increase the Risk of Deep Vein Thrombosis after Total Hip and Knee Arthroplasty. <i>BioMed Research International</i> , 2017, 2017, 1-6.	1.9	17