

# Zuoqin Yan

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

940  
citations

471509

17  
h-index

501196

28  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1449  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fate of mesenchymal stem cells transplanted to osteonecrosis of femoral head. Journal of Orthopaedic Research, 2009, 27, 442-446.	2.3	97
2	Free Vascularized Fibular Grafting Improves Vascularity Compared With Core Decompression in Femoral Head Osteonecrosis: A Randomized Clinical Trial. Clinical Orthopaedics and Related Research, 2017, 475, 2230-2240.	1.5	71
3	Degradation and osteogenic induction of a SrHPO4-coated Mg-Nd-Zn-Zr alloy intramedullary nail in a rat femoral shaft fracture model. Biomaterials, 2020, 247, 119962.	11.4	57
4	The Circadian Gene <i>Clock</i> Regulates Bone Formation Via PDIA3. Journal of Bone and Mineral Research, 2017, 32, 861-871.	2.8	56
5	Intra-articular injection of kartogenin-conjugated polyurethane nanoparticles attenuates the progression of osteoarthritis. Drug Delivery, 2018, 25, 1004-1012.	5.7	55
6	Clock mediates liver senescence by controlling ER stress. Aging, 2017, 9, 2647-2665.	3.1	51
7	CD105 promotes chondrogenesis of synovium-derived mesenchymal stem cells through Smad2 signaling. Biochemical and Biophysical Research Communications, 2016, 474, 338-344.	2.1	45
8	A prospect of cell immortalization combined with matrix microenvironmental optimization strategy for tissue engineering and regeneration. Cell and Bioscience, 2019, 9, 7.	4.8	41
9	Injectable double-crosslinked hydrogels with kartogenin-conjugated polyurethane nano-particles and transforming growth factor $\beta$ 3 for in-situ cartilage regeneration. Materials Science and Engineering C, 2020, 110, 110705.	7.3	39
10	The circadian protein CLOCK regulates cell metabolism via the mitochondrial carrier SLC25A10. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1310-1321.	4.1	38
11	CLOCK promotes 3T3L1 cell proliferation via Wnt signaling. IUBMB Life, 2016, 68, 557-568.	3.4	37
12	Lessons from immuno-oncology: a new era for cancer nanomedicine?. Nature Reviews Drug Discovery, 2017, 16, 369-370.	46.4	37
13	Effects of P-Glycoprotein on Steroid-Induced Osteonecrosis of the Femoral Head. Calcified Tissue International, 2010, 87, 246-253.	3.1	33
14	Regulatory effect of microRNA-34a on osteogenesis and angiogenesis in glucocorticoid-induced osteonecrosis of the femoral head. Journal of Orthopaedic Research, 2018, 36, 417-424.	2.3	32
15	Role of circadian gene Clock during differentiation of mouse pluripotent stem cells. Protein and Cell, 2016, 7, 820-832.	11.0	31
16	P-glycoprotein overexpression in bone marrow-derived multipotent stromal cells decreases the risk of steroid-induced osteonecrosis in the femoral head. Journal of Cellular and Molecular Medicine, 2016, 20, 2173-2182.	3.6	25
17	Engeletin Protects Against TNF- $\alpha$ -Induced Apoptosis and Reactive Oxygen Species Generation in Chondrocytes and Alleviates Osteoarthritis in vivo. Journal of Inflammation Research, 2021, Volume 14, 745-760.	3.5	25
18	Parathyroid Hormone (PTH) Induces Autophagy to Protect Osteocyte Cell Survival from Dexamethasone Damage. Medical Science Monitor, 2017, 23, 4034-4040.	1.1	23

#	ARTICLE	IF	CITATIONS
19	Impact of Fibronectin Knockout on Proliferation and Differentiation of Human Infrapatellar Fat Pad-Derived Stem Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 321.	4.1	21
20	Evaluation of efficacy and safety of percutaneous transforaminal endoscopic surgery (PTES) for surgical treatment of calcified lumbar disc herniation: a retrospective cohort study of 101 patients. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 65.	1.9	19
21	Matrix reverses immortalization-mediated stem cell fate determination. <i>Biomaterials</i> , 2021, 265, 120387.	11.4	15
22	Altered Clock and Lipid Metabolism-Related Genes in Atherosclerotic Mice Kept with Abnormal Lighting Condition. <i>BioMed Research International</i> , 2016, 2016, 1-14.	1.9	14
23	Reciprocal effect of microRNA-224 on osteogenesis and adipogenesis in steroid-induced osteonecrosis of the femoral head. <i>Bone</i> , 2021, 145, 115844.	2.9	13
24	Effects of an avidin-biotin binding system on Schwann cells attachment, proliferation, and gene expressions onto electrospun scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 97A, 321-329.	4.0	12
25	CLOCK regulates Drp1 mRNA stability and mitochondrial homeostasis by interacting with PUF60. <i>Cell Reports</i> , 2022, 39, 110635.	6.4	12
26	Identifying Patients Who Will Most Benefit from Single Photon Emission Computerized Tomography and Computerized Tomography After Femoral Neck Fracture. <i>Medical Science Monitor</i> , 2017, 23, 5669-5674.	1.1	8
27	Evaluation of hydrogels for soft tissue adhesives in vitro and in vivo analyses. <i>Frontiers of Materials Science</i> , 2018, 12, 95-104.	2.2	8
28	Stromal cell-derived factor-1 $\alpha$ and transforming growth factor- $\beta$ 2 synergistically facilitate migration and chondrogenesis of synovium-derived stem cells through MAPK pathways. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 2656-2667.	0.0	6
29	Modulation of nitric oxide synthase isoenzymes in reperfused skeletal muscle. <i>Chinese Journal of Traumatology - English Edition</i> , 2000, 3, 76-80.	1.4	5
30	Aspirin inhibits the proliferation of synovium-derived mesenchymal stem cells by arresting the cell cycle in the G0/G1 phase. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 5056-5062.	0.0	3
31	Accumulation of LDL/ox-LDL in the necrotic region participates in osteonecrosis of the femoral head: a pathological and in vitro study. <i>Lipids in Health and Disease</i> , 2021, 20, 167.	3.0	3
32	Development and validation of a prediction model for glucocorticoid-associated osteonecrosis of the femoral head by targeted sequencing. <i>Rheumatology</i> , 2022, 61, 846-855.	1.9	2
33	A Small-Scaled Intraoperative 3D Visualization Navigation System for Femoral Head Repair Surgery. , 2021, , .		2
34	Extracellular matrix deposited by Wharton's jelly mesenchymal stem cells enhances cell expansion and tissue specific lineage potential. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 3465-3480.	0.0	2
35	The effects of P-gp and CYP450 modulated by rifampicin on the steroid-induced osteonecrosis of the femoral head. <i>Journal of Bone and Mineral Metabolism</i> , 2017, 35, 504-512.	2.7	1
36	Quantitative Characterization of Bone Viability of Femoral Head and Subchondral Bone by Using Single Photon Emission Computerized Tomography/Computerized Tomography (SPECT/CT). <i>Medical Science Monitor</i> , 2020, 26, e922624.	1.1	0