

# Jia Xu

## List of Publications by Year in descending order

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54  
papers

1,584  
citations

318942

23  
h-index

371746

37  
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58  
all docs

58  
docs citations

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times ranked

2229  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strontium doped mesoporous silica nanoparticles accelerate osteogenesis and angiogenesis in distraction osteogenesis by activation of Wnt pathway. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 41, 102496.	1.7	14
2	An FPS-ZM1-encapsulated zeolitic imidazolate framework as a dual proangiogenic drug delivery system for diabetic wound healing. <i>Nano Research</i> , 2022, 15, 5216-5229.	5.8	11
3	Hinge positioning method of Ilizarov apparatus in correcting radial head luxation caused by multiple hereditary exostoses. <i>Joint Diseases and Related Surgery</i> , 2022, 33, 40-50.	0.6	3
4	Neglected Monteggia fracture: a review. <i>EFORT Open Reviews</i> , 2022, 7, 287-294.	1.8	3
5	Tumor microenvironment-responsive nanohybrid for hypoxia amelioration with photodynamic and near-infrared II photothermal combination therapy. <i>Acta Biomaterialia</i> , 2022, 146, 450-464.	4.1	26
6	Free extended posterior tibial artery perforator flap with the neurovascular plexus of a saphenous nerve branch for large soft tissue and sensory reconstruction: Anatomic study and clinical application. <i>Microsurgery</i> , 2021, 41, 133-139.	0.6	2
7	Accelerated Bone Regeneration by Astragaloside IV through Stimulating the Coupling of Osteogenesis and Angiogenesis. <i>International Journal of Biological Sciences</i> , 2021, 17, 1821-1836.	2.6	28
8	Accelerated Bone Regeneration by Adrenomedullin 2 Through Improving the Coupling of Osteogenesis and Angiogenesis via $\beta^2$ -Catenin Signaling. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 649277.	1.8	7
9	Adrenomedullin 2 improves bone regeneration in type 1 diabetic rats by restoring imbalanced macrophage polarization and impaired osteogenesis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 288.	2.4	25
10	Efficacy of the "Eiffel tower" double titanium elastic nailing in combined management of congenital pseudarthrosis of the tibia: preliminary outcomes of 17 cases with review of literature. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 490.	0.8	4
11	Salvage of severe knee osteoarthritis: efficacy of tibial condylar valgus osteotomy versus open wedge high tibial osteotomy. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 451.	0.9	3
12	EGFL6 regulates angiogenesis and osteogenesis in distraction osteogenesis via Wnt/ $\beta^2$ -catenin signaling. <i>Stem Cell Research and Therapy</i> , 2021, 12, 415.	2.4	34
13	Tunable and Controlled Release of Cobalt Ions from Metal-Organic Framework Hydrogel Nanocomposites Enhances Bone Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 59051-59066.	4.0	28
14	Thumb reconstruction with combination of the wrap-around flap prefabricated by medialis pedis perforator flap with nail bed and phalanx banked from the amputated thumb: A case report. <i>Microsurgery</i> , 2020, 40, 59-64.	0.6	2
15	Silver nanoparticles-decorated and mesoporous silica coated single-walled carbon nanotubes with an enhanced antibacterial activity for killing drug-resistant bacteria. <i>Nano Research</i> , 2020, 13, 389-400.	5.8	62
16	Functionalized Polycaprolactone/Hydroxyapatite Composite Microspheres for Promoting Bone Consolidation in a Rat Distraction Osteogenesis Model. <i>Journal of Orthopaedic Research</i> , 2020, 38, 961-971.	1.2	10
17	Poly (Glycerol Sebacate)-Based Bio-Artificial Multiporous Matrix for Bone Regeneration. <i>Frontiers in Chemistry</i> , 2020, 8, 603577.	1.8	12
18	Morroniside attenuates high glucose-induced BMSC dysfunction by regulating the Glo1/AGE/RAGE axis. <i>Cell Proliferation</i> , 2020, 53, e12866.	2.4	46

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19	Exosomes Secreted by Young Mesenchymal Stem Cells Promote New Bone Formation During Distraction Osteogenesis in Older Rats. <i>Calcified Tissue International</i> , 2020, 106, 509-517.	1.5	55
20	Silencing MicroRNA-137-3p, which Targets RUNX2 and CXCL12 Prevents Steroid-induced Osteonecrosis of the Femoral Head by Facilitating Osteogenesis and Angiogenesis. <i>International Journal of Biological Sciences</i> , 2020, 16, 655-670.	2.6	36
21	Docosahexaenoic Acid Improves Diabetic Wound Healing in a Rat Model by Restoring Impaired Plasticity of Macrophage Progenitor Cells. <i>Plastic and Reconstructive Surgery</i> , 2020, 145, 942e-950e.	0.7	15
22	Neuromodulation of bone: Role of different peptides and their interactions (Review). <i>Molecular Medicine Reports</i> , 2020, 23, 1-1.	1.1	4
23	Regeneration of large bone defects using mesoporous silica coated magnetic nanoparticles during distraction osteogenesis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 21, 102040.	1.7	44
24	Five novel NF1 gene pathogenic variants in 10 different Chinese families with neurofibromatosis type 1. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2019, 7, e904.	0.6	6
25	Exosomes derived from human CD34+ stem cells transfected with miR-26a prevent glucocorticoid-induced osteonecrosis of the femoral head by promoting angiogenesis and osteogenesis. <i>Stem Cell Research and Therapy</i> , 2019, 10, 321.	2.4	58
26	Catalpol promotes the osteogenic differentiation of bone marrow mesenchymal stem cells via the Wnt/ $\beta$ -catenin pathway. <i>Stem Cell Research and Therapy</i> , 2019, 10, 37.	2.4	49
27	Ferulic acid improves self-renewal and differentiation of human tendon-derived stem cells by upregulating early growth response 1 through hypoxia. <i>Genesis</i> , 2019, 57, e23291.	0.8	5
28	Tumor Chemo-Radiotherapy with Rod-Shaped and Spherical Gold Nano Probes: Shape and Active Targeting Both Matter. <i>Theranostics</i> , 2019, 9, 1893-1908.	4.6	66
29	Roxadustat promotes angiogenesis through HIF-1 $\alpha$ /VEGF/VEGFR2 signaling and accelerates cutaneous wound healing in diabetic rats. <i>Wound Repair and Regeneration</i> , 2019, 27, 324-334.	1.5	81
30	Von Hippel-Lindau (VHL) Protein Antagonist VH298 Improves Wound Healing in Streptozotocin-Induced Hyperglycaemic Rats by Activating Hypoxia-Inducible Factor- (HIF-) 1 Signalling. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-10.	1.0	16
31	Impaired Bone Regenerative Effect of Exosomes Derived from Bone Marrow Mesenchymal Stem Cells in Type 1 Diabetes. <i>Stem Cells Translational Medicine</i> , 2019, 8, 593-605.	1.6	65
32	Dimethylxaloylglycine-stimulated human bone marrow mesenchymal stem cell-derived exosomes enhance bone regeneration through angiogenesis by targeting the AKT/mTOR pathway. <i>Stem Cell Research and Therapy</i> , 2019, 10, 335.	2.4	117
33	All-Trans Retinoic Acid Promotes Osteogenic Differentiation and Bone Consolidation in a Rat Distraction Osteogenesis Model. <i>Calcified Tissue International</i> , 2019, 104, 320-330.	1.5	23
34	Exosomes secreted by endothelial progenitor cells accelerate bone regeneration during distraction osteogenesis by stimulating angiogenesis. <i>Stem Cell Research and Therapy</i> , 2019, 10, 12.	2.4	102
35	Nanofiber arrangement regulates peripheral nerve regeneration through differential modulation of macrophage phenotypes. <i>Acta Biomaterialia</i> , 2019, 83, 291-301.	4.1	116
36	Hypoxia-inducible Factor-1 $\alpha$ directs renal regeneration induced by decellularized scaffolds. <i>Biomaterials</i> , 2018, 165, 48-55.	5.7	24

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37	Baicalin alleviates osteomyelitis by regulating TLR2 in the murine model. <i>Pathogens and Disease</i> , 2018, 76, .	0.8	13
38	A novel duplication downstream of BMP2 in a Chinese family with Brachydactyly type A2 (BDA2). <i>Gene</i> , 2018, 642, 110-115.	1.0	2
39	Enhancement of bone regeneration with the accordion technique via HIF-1 $\alpha$ /VEGF activation in a rat distraction osteogenesis model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1268-e1276.	1.3	32
40	All-trans retinoic acid improves the viability of ischemic skin flaps in diabetic rat models. <i>Diabetes Research and Clinical Practice</i> , 2018, 142, 385-392.	1.1	9
41	Reconstruction of complex tissue defect of forearm with a chimeric flap composed of a sural neurocutaneous flap and a vascularized fibular graft: A case report. <i>Microsurgery</i> , 2018, 38, 790-794.	0.6	4
42	Cystic fibrosis transmembrane conductance regulator mediates tenogenic differentiation of tendon-derived stem cells and tendon repair: accelerating tendon injury healing by intervening in its downstream signaling. <i>FASEB Journal</i> , 2017, 31, 3800-3815.	0.2	30
43	The Combined Use of a Neurocutaneous Flap and the Ilizarov Technique for Reconstruction of Large Soft Tissue Defects and Bone Loss in the Tibia. <i>Annals of Plastic Surgery</i> , 2017, 78, 543-548.	0.5	16
44	MiR-503 Promotes Bone Formation in Distraction Osteogenesis through Suppressing Smurf1 Expression. <i>Scientific Reports</i> , 2017, 7, 409.	1.6	56
45	Effect of SDF-1/Cxcr4 Signaling Antagonist AMD3100 on Bone Mineralization in Distraction Osteogenesis. <i>Calcified Tissue International</i> , 2017, 100, 641-652.	1.5	27
46	Staphylococcal enterotoxin C2 expedites bone consolidation in distraction osteogenesis. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1215-1225.	1.2	21
47	Porcine brain extract promotes osteogenic differentiation of bone marrow derived mesenchymal stem cells and bone consolidation in a rat distraction osteogenesis model. <i>PLoS ONE</i> , 2017, 12, e0187362.	1.1	8
48	Celastrol improves self-renewal and differentiation of human tendon-derived stem cells by suppressing Smad7 through hypoxia. <i>Stem Cell Research and Therapy</i> , 2017, 8, 274.	2.4	10
49	MicroRNA-144-3p inhibits bone formation in distraction osteogenesis through targeting Connexin 43. <i>Oncotarget</i> , 2017, 8, 89913-89922.	0.8	19
50	Dynamic changes in trauma-induced myeloid-derived suppressor cells after polytrauma are associated with an increased susceptibility to infection. <i>International Journal of Clinical and Experimental Pathology</i> , 2017, 10, 11063-11068.	0.5	6
51	The Use of Cocultured Mesenchymal Stem Cells with Tendon-Derived Stem Cells as a Better Cell Source for Tendon Repair. <i>Tissue Engineering - Part A</i> , 2016, 22, 1229-1240.	1.6	34
52	Human fetal mesenchymal stem cell secretome enhances bone consolidation in distraction osteogenesis. <i>Stem Cell Research and Therapy</i> , 2016, 7, 134.	2.4	63
53	Management of hypertrophic nonunion with failure of internal fixation by distraction osteogenesis. <i>Injury</i> , 2015, 46, 2030-2035.	0.7	27
54	Turning left or right? A comparative analysis in adenocarcinomas of the esophagogastric junction according to the seventh AJCC TNM classification for cancers of the esophagus and stomach: experience in a Chinese single institution. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 10668-77.	1.3	5