

# Kaishun Xia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1220063/publications.pdf>

Version: 2024-02-01

31  
papers

1,006  
citations

430874

18  
h-index

454955

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1352  
citing authors

#	ARTICLE	IF	CITATIONS
1	Escin induces caspase-dependent apoptosis and autophagy through the ROS/p38 MAPK signalling pathway in human osteosarcoma cells in vitro and in vivo. <i>Cell Death and Disease</i> , 2017, 8, e3113-e3113.	6.3	115
2	Autophagy inhibitor enhance ZnPc/BSA nanoparticle induced photodynamic therapy by suppressing PD-L1 expression in osteosarcoma immunotherapy. <i>Biomaterials</i> , 2019, 192, 128-139.	11.4	96
3	Genipin cross-linked type II collagen/chondroitin sulfate composite hydrogel-like cell delivery system induces differentiation of adipose-derived stem cells and regenerates degenerated nucleus pulposus. <i>Acta Biomaterialia</i> , 2018, 71, 496-509.	8.3	84
4	A bioactive injectable self-healing anti-inflammatory hydrogel with ultralong extracellular vesicles release synergistically enhances motor functional recovery of spinal cord injury. <i>Bioactive Materials</i> , 2021, 6, 2523-2534.	15.6	68
5	Strategies and prospects of effective neural circuits reconstruction after spinal cord injury. <i>Cell Death and Disease</i> , 2020, 11, 439.	6.3	56
6	lncRNAs: function and mechanism in cartilage development, degeneration, and regeneration. <i>Stem Cell Research and Therapy</i> , 2019, 10, 344.	5.5	53
7	An injectable heparin-Laponite hydrogel bridge FGF4 for spinal cord injury by stabilizing microtubule and improving mitochondrial function. <i>Theranostics</i> , 2019, 9, 7016-7032.	10.0	49
8	Anti-CD166/4-1BB chimeric antigen receptor T cell therapy for the treatment of osteosarcoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 168.	8.6	46
9	A review and outlook in the treatment of osteosarcoma and other deep tumors with photodynamic therapy: from basic to deep. <i>Oncotarget</i> , 2017, 8, 39833-39848.	1.8	46
10	Sustained release of GDF5 from a designed coacervate attenuates disc degeneration in a rat model. <i>Acta Biomaterialia</i> , 2019, 86, 300-311.	8.3	42
11	Cell Senescence: A Nonnegligible Cell State under Survival Stress in Pathology of Intervertebral Disc Degeneration. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	4.0	32
12	Stem Cell Transplantation: A Promising Therapy for Spinal Cord Injury. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 321-331.	1.3	32
13	A conductive supramolecular hydrogel creates ideal endogenous niches to promote spinal cord injury repair. <i>Bioactive Materials</i> , 2022, 15, 103-119.	15.6	31
14	Intradiscal Injection of Induced Pluripotent Stem Cell-Derived Nucleus Pulposus-Like Cell-Seeded Polymeric Microspheres Promotes Rat Disc Regeneration. <i>Stem Cells International</i> , 2019, 2019, 1-14.	2.5	30
15	Injectable kartogenin and apocynin loaded micelle enhances the alleviation of intervertebral disc degeneration by adipose-derived stem cell. <i>Bioactive Materials</i> , 2021, 6, 3568-3579.	15.6	25
16	Bioactive Elastic Scaffolds Loaded with Neural Stem Cells Promote Rapid Spinal Cord Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6331-6343.	5.2	24
17	Scar Tissue-Targeting Polymer Micelle for Spinal Cord Injury Treatment. <i>Small</i> , 2020, 16, e1906415.	10.0	21
18	Differentiation of Pluripotent Stem Cells into Nucleus Pulposus Progenitor Cells for Intervertebral Disc Regeneration. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 57-64.	1.3	21

#	ARTICLE	IF	CITATIONS
19	Overexpression of the transcription factors OCT4 and KLF4 improves motor function after spinal cord injury. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 940-951.	3.9	18
20	Estrogen/ER in anti-tumor immunity regulation to tumor cell and tumor microenvironment. <i>Cancer Cell International</i> , 2021, 21, 295.	4.1	16
21	Cantharidin Inhibits Anti-Apoptotic Bcl-2 Family Proteins and Induces Apoptosis in Human Osteosarcoma Cell Lines MG-63 and MNNG/HOS via Mitochondria-Dependent Pathway. <i>Medical Science Monitor</i> , 2018, 24, 6742-6749.	1.1	16
22	Partial reprogramming strategy for intervertebral disc rejuvenation by activating energy switch. <i>Aging Cell</i> , 2022, 21, e13577.	6.7	16
23	An injectable recombinant human milk fat globule-epidermal growth factor 8-loaded copolymer system for spinal cord injury reduces inflammation through NF- $\kappa$ B and neuronal cell death. <i>Cytotherapy</i> , 2020, 22, 193-203.	0.7	14
24	The Application of Neural Stem/Progenitor Cells for Regenerative Therapy of Spinal Cord Injury. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 495-503.	1.3	13
25	Enhancement of nucleus pulposus repair by glycoengineered adipose-derived mesenchymal cells. <i>Biomaterials</i> , 2022, 283, 121463.	11.4	12
26	Transplantation Strategies for Spinal Cord Injury Based on Microenvironment Modulation. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 522-530.	1.3	9
27	Long Noncoding RNA: Function and Mechanism on Differentiation of Mesenchymal Stem Cells and Embryonic Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 259-267.	1.3	7
28	Micro Fragmented Adipose Tissue Promotes the Matrix Synthesis Function of Nucleus Pulposus Cells and Regenerates Degenerated Intervertebral Disc in a Pig Model. <i>Cell Transplantation</i> , 2020, 29, 096368972090579.	2.5	6
29	Allogenic $\gamma$ T cell and tumor cell fused vaccine for enhanced immunotherapeutic efficacy of osteosarcoma. <i>Journal of Bone Oncology</i> , 2020, 21, 100214.	2.4	4
30	Advances in single-cell sequencing and its application to musculoskeletal system research. <i>Cell Proliferation</i> , 2022, 55, e13161.	5.3	3
31	Interpreting the Mechanisms by which Integrins Promote the Differentiation of Mesenchymal Stem Cells and Integrin Application Prospects. <i>Current Stem Cell Research and Therapy</i> , 2021, 16, 848-857.	1.3	1