

# Qian Xiang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8840095/publications.pdf>

Version: 2024-02-01

18  
papers

662  
citations

759233

12  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

441  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acid-sensing ion channels regulate nucleus pulposus cell inflammation and pyroptosis via the NLRP3 inflammasome in intervertebral disc degeneration. <i>Cell Proliferation</i> , 2021, 54, e12941.	5.3	105
2	Restoration of Autophagic Flux Rescues Oxidative Damage and Mitochondrial Dysfunction to Protect against Intervertebral Disc Degeneration. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-27.	4.0	75
3	CircRNA-CIDN mitigated compression loading-induced damage in human nucleus pulposus cells via miR-34a-5p/SIRT1 axis. <i>EBioMedicine</i> , 2020, 53, 102679.	6.1	75
4	Ferroportin-Dependent Iron Homeostasis Protects against Oxidative Stress-Induced Nucleus Pulposus Cell Ferroptosis and Ameliorates Intervertebral Disc Degeneration In Vivo. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	4.0	72
5	Metformin facilitates mesenchymal stem cell-derived extracellular nanovesicles release and optimizes therapeutic efficacy in intervertebral disc degeneration. <i>Biomaterials</i> , 2021, 274, 120850.	11.4	67
6	WTAP-mediated m6A modification of lncRNA NORAD promotes intervertebral disc degeneration. <i>Nature Communications</i> , 2022, 13, 1469.	12.8	55
7	lncRNA HOTAIR upregulates autophagy to promote apoptosis and senescence of nucleus pulposus cells. <i>Journal of Cellular Physiology</i> , 2020, 235, 2195-2208.	4.1	44
8	Mechanosensitive Ion Channel Piezo1 Activated by Matrix Stiffness Regulates Oxidative Stress-Induced Senescence and Apoptosis in Human Intervertebral Disc Degeneration. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	4.0	38
9	The potential role of melatonin in retarding intervertebral disc ageing and degeneration: A systematic review. <i>Ageing Research Reviews</i> , 2021, 70, 101394.	10.9	34
10	Allicin Attenuated Advanced Oxidation Protein Product-Induced Oxidative Stress and Mitochondrial Apoptosis in Human Nucleus Pulposus Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-17.	4.0	28
11	CircHGF suppressed cell proliferation and osteogenic differentiation of BMSCs in ONFH via inhibiting miR-25-3p binding to SMAD7. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 28, 99-113.	5.1	20
12	The distinct roles of myosin IIA and IIB under compression stress in nucleus pulposus cells. <i>Cell Proliferation</i> , 2021, 54, e12987.	5.3	13
13	Comparison of Clinical Outcomes Following Lumbar Endoscopic Unilateral Laminotomy Bilateral Decompression and Minimally Invasive Transforaminal Lumbar Interbody Fusion for One-Level Lumbar Spinal Stenosis With Degenerative Spondylolisthesis. <i>Frontiers in Surgery</i> , 2020, 7, 596327.	1.4	8
14	Epigenetic modifications in spinal ligament aging. <i>Ageing Research Reviews</i> , 2022, 77, 101598.	10.9	7
15	Oxidative Stress in Intervertebral Disc Degeneration: New Insights from Bioinformatic Strategies. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-27.	4.0	6
16	Hepatitis B virus enhances cisplatin-induced hepatotoxicity via a mechanism involving suppression of glucose-regulated protein of 78Kda. <i>Chemico-Biological Interactions</i> , 2016, 254, 45-53.	4.0	5
17	CircCOG8 Downregulation Contributes to the Compression-Induced Intervertebral Disk Degeneration by Targeting miR-182-5p and FOXO3. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 581941.	3.7	5
18	Comparison of the Clinical Outcomes of Full-Endoscopic Visualized Foraminoplasty and Discectomy versus Microdiscectomy for Lumbar Disc Herniation. <i>Orthopaedic Surgery</i> , 2022, 14, 280-289.	1.8	4