

# Yao-Sen Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,571  
citations

430874

18  
h-index

395702

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1848  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin protects against apoptosis and senescence in nucleus pulposus cells and ameliorates disc degeneration in vivo. <i>Cell Death and Disease</i> , 2016, 7, e2441-e2441.	6.3	240
2	Minimally invasive versus open transforaminal lumbar interbody fusion: a meta-analysis based on the current evidence. <i>European Spine Journal</i> , 2013, 22, 1741-1749.	2.2	138
3	Fisetin inhibits IL-1 $\beta$ -induced inflammatory response in human osteoarthritis chondrocytes through activating SIRT1 and attenuates the progression of osteoarthritis in mice. <i>International Immunopharmacology</i> , 2017, 45, 135-147.	3.8	115
4	Metformin Improves Functional Recovery After Spinal Cord Injury via Autophagy Flux Stimulation. <i>Molecular Neurobiology</i> , 2017, 54, 3327-3341.	4.0	114
5	Overexpression of Sirtuin 6 suppresses cellular senescence and NF- $\kappa$ B mediated inflammatory responses in osteoarthritis development. <i>Scientific Reports</i> , 2015, 5, 17602.	3.3	112
6	Sirt6 overexpression suppresses senescence and apoptosis of nucleus pulposus cells by inducing autophagy in a model of intervertebral disc degeneration. <i>Cell Death and Disease</i> , 2018, 9, 56.	6.3	97
7	Urolithin A-induced mitophagy suppresses apoptosis and attenuates intervertebral disc degeneration via the AMPK signaling pathway. <i>Free Radical Biology and Medicine</i> , 2020, 150, 109-119.	2.9	80
8	Butein inhibits IL-1 $\beta$ -induced inflammatory response in human osteoarthritis chondrocytes and slows the progression of osteoarthritis in mice. <i>International Immunopharmacology</i> , 2017, 42, 1-10.	3.8	73
9	The inhibition of EZH2 ameliorates osteoarthritis development through the Wnt/ $\beta$ 2-catenin pathway. <i>Scientific Reports</i> , 2016, 6, 29176.	3.3	65
10	TFEB protects nucleus pulposus cells against apoptosis and senescence via restoring autophagic flux. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 347-357.	1.3	62
11	Melatonin protects vertebral endplate chondrocytes against apoptosis and calcification via the Sirt1 $\rightarrow$ autophagy pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 177-193.	3.6	62
12	Hidden blood loss and the influential factors after percutaneous kyphoplasty surgery. <i>European Spine Journal</i> , 2017, 26, 1878-1883.	2.2	48
13	Carbon monoxide releasing molecule-3 alleviates neuron death after spinal cord injury via inflammasome regulation. <i>EBioMedicine</i> , 2019, 40, 643-654.	6.1	48
14	Inhibition of EZH2 ameliorates cartilage endplate degeneration and attenuates the progression of intervertebral disc degeneration via demethylation of Sox-9. <i>EBioMedicine</i> , 2019, 48, 619-629.	6.1	38
15	Comparison of the Total and Hidden Blood Loss in Patients Undergoing Open and Minimally Invasive Transforaminal Lumbar Interbody Fusion. <i>World Neurosurgery</i> , 2017, 107, 739-743.	1.3	37
16	Itaconate attenuates osteoarthritis by inhibiting STING/NF- $\kappa$ B axis in chondrocytes and promoting M2 polarization in macrophages. <i>Biochemical Pharmacology</i> , 2022, 198, 114935.	4.4	29
17	Cyanidin ameliorates the progression of osteoarthritis <i>via</i> the Sirt6/NF- $\kappa$ B axis <i>in vitro</i> and <i>in vivo</i> . <i>Food and Function</i> , 2019, 10, 5873-5885.	4.6	27
18	Hidden blood loss and its possible risk factors in cervical open-door laminoplasty. <i>Journal of International Medical Research</i> , 2019, 47, 3656-3662.	1.0	24

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19	Inhibition of LRRK2 restores parkin-mediated mitophagy and attenuates intervertebral disc degeneration. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 579-591.	1.3	18
20	Immune-responsive gene 1/itaconate activates nuclear factor erythroid 2-related factor 2 in microglia to protect against spinal cord injury in mice. <i>Cell Death and Disease</i> , 2022, 13, 140.	6.3	16
21	Apigenin Alleviates Intervertebral Disc Degeneration via Restoring Autophagy Flux in Nucleus Pulposus Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 787278.	3.7	14
22	Maltol inhibits the progression of osteoarthritis <i>via</i> the nuclear factor-erythroid 2-related factor-2/heme oxygenase-1 signal pathway <i>in vitro</i> and <i>in vivo</i> . <i>Food and Function</i> , 2021, 12, 1327-1337.	4.6	13
23	Inhibition of Rac1 activity by NSC23766 prevents cartilage endplate degeneration via Wnt/ $\beta$ 2-catenin pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 3582-3592.	3.6	12
24	20-Deoxyingenol alleviates osteoarthritis by activating TFEB in chondrocytes. <i>Pharmacological Research</i> , 2021, 165, 105361.	7.1	12
25	S-allyl cysteine reduces osteoarthritis pathology in the tert-butyl hydroperoxide-treated chondrocytes and the destabilization of the medial meniscus model mice via the Nrf2 signaling pathway. <i>Aging</i> , 2020, 12, 19254-19272.	3.1	12
26	Comparison of Hidden Blood Loss Between Three Different Surgical Approaches for Treatment of Thoracolumbar Fracture. <i>Journal of Investigative Surgery</i> , 2019, 32, 755-760.	1.3	11
27	Acceptable Chinâ€“Brow Vertical Angle for Neutral Position Radiography: Preliminary Analyses Based on Parameters of the Whole Sagittal Spine of an Asymptomatic Chinese Population. <i>World Neurosurgery</i> , 2018, 120, e488-e496.	1.3	10
28	Dual-color labeled anti-mucin 1 antibody for imaging of ovarian cancer: A preliminary animal study. <i>Oncology Letters</i> , 2015, 9, 1231-1235.	1.8	9
29	Vacuum Facet Phenomenon in Computed Tomography Imaging: A Sign of Instability in Degenerative Spondylolisthesis?. <i>World Neurosurgery</i> , 2019, 129, e393-e400.	1.3	9
30	Metformin inactivates the cGAS-STING pathway through autophagy and suppresses senescence in nucleus pulposus cells. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	9
31	Oxidative stress-induced circKIF18A downregulation impairs MCM7-mediated anti-senescence in intervertebral disc degeneration. <i>Experimental and Molecular Medicine</i> , 2022, 54, 285-297.	7.7	8
32	Assessment of the cross-sectional areas of the psoas major in patients with adolescent idiopathic scoliosis before skeletal maturity. <i>Acta Radiologica</i> , 2021, 62, 639-645.	1.1	6
33	Risk Factor of Failed Reduction of Posterior Ligamentotaxis Reduction Instrumentation in Managing Thoracolumbar Burst Fractures: A Retrospective Study. <i>World Neurosurgery</i> , 2018, 119, e475-e481.	1.3	3
34	The projection of the thoracic nerve roots and their connection with intervertebral discs: a cadaver and radiological study. <i>Acta Radiologica</i> , 2020, 61, 1050-1056.	1.1	0