

# Chunli Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1864480/publications.pdf>

Version: 2024-02-01

55  
papers

1,240  
citations

394421

19  
h-index

434195

31  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1051  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-Type Transcriptome Atlas of Human Aortic Valves Reveal Cell Heterogeneity and Endothelial to Mesenchymal Transition Involved in Calcific Aortic Valve Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2910-2921.	2.4	93
2	Demethylzeylasteral targets lactate by inhibiting histone lactylation to suppress the tumorigenicity of liver cancer stem cells. <i>Pharmacological Research</i> , 2022, 181, 106270.	7.1	82
3	Safflower yellow alleviates osteoarthritis and prevents inflammation by inhibiting PGE2 release and regulating NF- $\kappa$ B/SIRT1/AMPK signaling pathways. <i>Phytomedicine</i> , 2020, 78, 153305.	5.3	71
4	DNA Nanostructure as an Efficient Drug Delivery Platform for Immunotherapy. <i>Frontiers in Pharmacology</i> , 2019, 10, 1585.	3.5	54
5	Role of Mitochondria in Physiology of Chondrocytes and Diseases of Osteoarthritis and Rheumatoid Arthritis. <i>Cartilage</i> , 2021, 13, 1102S-1121S.	2.7	53
6	Development of a macrophages-related 4-gene signature and nomogram for the overall survival prediction of hepatocellular carcinoma based on WGCNA and LASSO algorithm. <i>International Immunopharmacology</i> , 2021, 90, 107238.	3.8	51
7	Effects of Bakuchiol on chondrocyte proliferation via the PI3K- $\text{Akt}$ and ERK1/2 pathways mediated by the estrogen receptor for promotion of the regeneration of knee articular cartilage defects. <i>Cell Proliferation</i> , 2019, 52, e12666.	5.3	48
8	Ursolic acid protects chondrocytes, exhibits anti-inflammatory properties via regulation of the NF- $\kappa$ B/NLRP3 inflammasome pathway and ameliorates osteoarthritis. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110568.	5.6	48
9	TGF- $\beta$ 1 induces the different expressions of lysyl oxidases and matrix metalloproteinases in anterior cruciate ligament and medial collateral ligament fibroblasts after mechanical injury. <i>Journal of Biomechanics</i> , 2013, 46, 890-898.	2.1	47
10	Psoralen Protects Chondrocytes, Exhibits Anti-Inflammatory Effects on Synoviocytes, and Attenuates Monosodium Iodoacetate-Induced Osteoarthritis. <i>International Journal of Biological Sciences</i> , 2019, 15, 229-238.	6.4	38
11	MSC-derived immunomodulatory extracellular matrix functionalized electrospun fibers for mitigating foreign-body reaction and tendon adhesion. <i>Acta Biomaterialia</i> , 2021, 133, 280-296.	8.3	35
12	Interleukin-1 beta influences on lysyl oxidases and matrix metalloproteinases profile of injured anterior cruciate ligament and medial collateral ligament fibroblasts. <i>International Orthopaedics</i> , 2013, 37, 495-505.	1.9	31
13	Nobiletin exhibits potent inhibition on tumor necrosis factor $\alpha$ -induced calcification of human aortic valve interstitial cells via targeting ABCG2 and AKR1B1. <i>Phytotherapy Research</i> , 2019, 33, 1717-1725.	5.8	30
14	Mechanical stretch induces osteogenesis through the alternative activation of macrophages. <i>Journal of Cellular Physiology</i> , 2021, 236, 6376-6390.	4.1	27
15	Smart hydrogels with high tunability of stiffness as a biomimetic cell carrier. <i>Cell Biology International</i> , 2019, 43, 84-97.	3.0	26
16	Cepharanthine inhibits hepatocellular carcinoma cell growth and proliferation by regulating amino acid metabolism and suppresses tumorigenesis <i>in vivo</i> . <i>International Journal of Biological Sciences</i> , 2021, 17, 4340-4352.	6.4	25
17	Gradient Biomaterialized Silk Fibroin Nanofibrous Scaffold with Osteochondral Inductivity for Integration of Tendon to Bone. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 841-851.	5.2	24
18	Alpinetin Protects Chondrocytes and Exhibits Anti-Inflammatory Effects via the NF- $\kappa$ B/ERK Pathway for Alleviating Osteoarthritis. <i>Inflammation</i> , 2020, 43, 1742-1750.	3.8	23

#	ARTICLE	IF	CITATIONS
19	Up-regulation expressions of lysyl oxidase family in Anterior Cruciate Ligament and Medial Collateral Ligament fibroblasts induced by Transforming Growth Factor-Beta 1. <i>International Orthopaedics</i> , 2012, 36, 207-213.	1.9	22
20	Influence of TNF- $\alpha$ and biomechanical stress on matrix metalloproteinases and lysyl oxidases expressions in human knee synovial fibroblasts. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 1997-2006.	4.2	21
21	TNF- $\alpha$ induced down-regulation of lysyl oxidase family in anterior cruciate ligament and medial collateral ligament fibroblasts. <i>Knee</i> , 2014, 21, 47-53.	1.6	20
22	Emodin as a selective proliferative inhibitor of vascular smooth muscle cells versus endothelial cells suppress arterial intima formation. <i>Life Sciences</i> , 2018, 207, 9-14.	4.3	20
23	Construction of three-dimensional net-like polyelectrolyte multilayered nanostructures onto titanium substrates for combined antibacterial and antioxidant applications. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5290-5302.	5.8	19
24	Toxic effects of the Emamectin Benzoate exposure on cultured human bronchial epithelial (16HBE) cells. <i>Environmental Pollution</i> , 2020, 257, 113618.	7.5	19
25	Synergistic promoting effects of bone morphogenetic protein 12/connective tissue growth factor on functional differentiation of tendon derived stem cells and patellar tendon window defect regeneration. <i>Journal of Biomechanics</i> , 2018, 66, 95-102.	2.1	18
26	Magnolol exhibits anti-inflammatory effects on chondrocytes via the NF- $\kappa$ B pathway for attenuating anterior cruciate ligament transection-induced osteoarthritis. <i>Connective Tissue Research</i> , 2021, 62, 475-484.	2.3	18
27	Cardamonin inhibits osteogenic differentiation of human valve interstitial cells and ameliorates aortic valve calcification <i>via</i> interfering in the NF- $\kappa$ B/NLRP3 inflammasome pathway. <i>Food and Function</i> , 2021, 12, 11808-11818.	4.6	18
28	Andrographolide ameliorates aortic valve calcification by regulation of lipid biosynthesis and glycerolipid metabolism targeting MGLL expression in vitro and in vivo. <i>Cell Calcium</i> , 2021, 100, 102495.	2.4	18
29	Molecular characterization and functional analysis of the GATA4 in tongue sole ( <i>Cynoglossus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 193, 1-8.	1.6	16
30	Modulation of MMP-2 and MMP-9 through connected pathways and growth factors is critical for extracellular matrix balance of intra-articular ligaments. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e550-e565.	2.7	16
31	Biomechanical Regulatory Factors and Therapeutic Targets in Keloid Fibrosis. <i>Frontiers in Pharmacology</i> , 2022, 13, .	3.5	16
32	Combined effects of tumor necrosis factor- $\alpha$ and interleukin-1 $\beta$ on lysyl oxidase and matrix metalloproteinase expression in human knee synovial fibroblasts in vitro. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 5258-5266.	1.8	15
33	Diosmetin inhibits cell growth and proliferation by regulating the cell cycle and lipid metabolism pathway in hepatocellular carcinoma. <i>Food and Function</i> , 2021, 12, 12036-12046.	4.6	15
34	Multi-functionalized nanofibers with reactive oxygen species scavenging capability and fibrocartilage inductivity for tendon-bone integration. <i>Journal of Materials Science and Technology</i> , 2021, 70, 91-104.	10.7	14
35	<i>Chrysanthemi Flos</i> extract alleviated acetaminophen-induced rat liver injury via inhibiting oxidative stress and apoptosis based on network pharmacology analysis. <i>Pharmaceutical Biology</i> , 2021, 59, 1376-1385.	2.9	14
36	Comprehensive analysis of DNA damage repair deficiency in 10,284 pan-cancer study. <i>Annals of Translational Medicine</i> , 2021, 9, 1661-1661.	1.7	11

#	ARTICLE	IF	CITATIONS
37	Differential expressions of the lysyl oxidase family and matrix metalloproteinases-1, 2, 3 in posterior cruciate ligament fibroblasts after being co-cultured with synovial cells. <i>International Orthopaedics</i> , 2015, 39, 183-191.	1.9	10
38	Driving Forces of the Bubble-Driven Tubular Micromotor Based on the Full Life-Cycle of the Bubble. <i>Micromachines</i> , 2019, 10, 415.	2.9	10
39	Different expression profiles of the lysyl oxidases and matrix metalloproteinases in human ACL fibroblasts after co-culture with synovial cells. <i>Connective Tissue Research</i> , 2018, 59, 369-380.	2.3	9
40	Hesperetin Exhibits Anti-Inflammatory Effects on Chondrocytes via the AMPK Pathway to Attenuate Anterior Cruciate Ligament Transection-Induced Osteoarthritis. <i>Frontiers in Pharmacology</i> , 2021, 12, 735087.	3.5	9
41	Lysyl oxidase suppresses the inflammatory response in anterior cruciate ligament fibroblasts and promotes tissue regeneration by targeting myotrophin via the nuclear factor- $\kappa$ B pathway. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1063-1076.	2.7	8
42	Semi-synthetic product dihydroartemisinin inhibited fibronectin-1 and integrin- $\beta$ 1 and interfered with the migration of HCCLM6 cells via PI3K-AKT pathway. <i>Biotechnology Letters</i> , 2020, 42, 917-926.	2.2	8
43	Tenascin-C regulates migration of SOX10 tendon stem cells via integrin- $\alpha$ 9 for promoting patellar tendon remodeling. <i>BioFactors</i> , 2021, 47, 768-777.	5.4	8
44	Potential targets and molecular mechanism of miR-331-3p in hepatocellular carcinoma identified by weighted gene coexpression network analysis. <i>Bioscience Reports</i> , 2020, 40, .	2.4	8
45	Expression of LOXs and MMP-1, 2, 3 by ACL Fibroblasts and Synoviocytes Impact of Coculture and TNF- $\alpha$ . <i>Journal of Knee Surgery</i> , 2019, 32, 352-360.	1.6	7
46	Pretreatment with mechano growth factor E peptide attenuates osteoarthritis through improving cell proliferation and extracellular matrix synthesis in chondrocytes under severe hypoxia. <i>International Immunopharmacology</i> , 2021, 97, 107628.	3.8	7
47	RNA-sequencing of human aortic valves identifies that miR-629-3p and TAGLN miRNA-mRNA pair involving in calcified aortic valve disease. <i>Journal of Physiology and Biochemistry</i> , 2022, 78, 819-831.	3.0	7
48	Titanium particles up-regulate the activity of matrix metalloproteinase-2 in human synovial cells. <i>International Orthopaedics</i> , 2014, 38, 1091-1098.	1.9	6
49	The regio- and stereo-selective reduction of steroidal 4-en-3-ones using Na <sub>2</sub> S <sub>2</sub> O <sub>4</sub> /NaHCO <sub>3</sub> and CuCl/NaBH <sub>4</sub> . <i>Steroids</i> , 2013, 78, 1339-1346.	1.8	5
50	Mechano growth factor-C24E, a potential promoting biochemical factor for ligament tissue engineering. <i>Biochemical Engineering Journal</i> , 2016, 105, 249-263.	3.6	5
51	Mechanical injury and IL-1 $\beta$ regulated LOXs and MMP-1, 2, 3 expression in ACL fibroblasts co-cultured with synoviocytes. <i>Biotechnology Letters</i> , 2020, 42, 1567-1579.	2.2	5
52	Effect of mechanical injury and IL-1 $\beta$ on the expression of LOXs and MMP-1, 2, 3 in PCL fibroblasts after co-culture with synoviocytes. <i>Gene</i> , 2021, 766, 145149.	2.2	3
53	Mechano growth factor E peptide inhibits invasion of melanoma cells and up-regulates CHOP expression via endoplasmic reticulum stress. <i>Biotechnology Letters</i> , 2018, 40, 205-213.	2.2	2
54	Dehydrocorydaline Accelerates Cell Proliferation and Extracellular Matrix Synthesis of TNF- $\alpha$ -Treated Human Chondrocytes by Targeting Cox2 through JAK1-STAT3 Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7268.	4.1	2

#	ARTICLE	IF	CITATIONS
55	Mechano growth factor pretreatment yield mechanical stimuli induced cell stress responses in ligament fibroblasts of osteoarthritis via activating ATF-2. <i>Biotechnology Letters</i> , 2020, 42, 1337-1349.	2.2	1