

# Chunli Wang

## List of Publications by Year in descending order

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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	Biomechanical Regulatory Factors and Therapeutic Targets in Keloid Fibrosis. <i>Frontiers in Pharmacology</i> , 2022, 13, .	3.5	16
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	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
4	RNA-sequencing of human aortic valves identifies that miR-629-3p and TAGLN miRNA-mRNA pair involving in A $\alpha$ calcified aortic valve disease. <i>Journal of Physiology and Biochemistry</i> , 2022, 78, 819-831.	3.0	7
5	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
6	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
7	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
8	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
9	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
10	Mechanical stretch induces osteogenesis through the alternative activation of macrophages. <i>Journal of Cellular Physiology</i> , 2021, 236, 6376-6390.	4.1	27
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	Tenascin $\alpha$ 3 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
13	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
14	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
15	Chrysanthemum Flos 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
16	Cardamonin inhibits osteogenic differentiation of human valve interstitial cells and ameliorates aortic valve calcification via interfering in the NF- $\kappa$ B/NLRP3 inflammasome pathway. <i>Food and Function</i> , 2021, 12, 11808-11818.	4.6	18
17	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
18	Cepharanthine inhibits hepatocellular carcinoma cell growth and proliferation by regulating amino acid metabolism and suppresses tumorigenesis in vivo. <i>International Journal of Biological Sciences</i> , 2021, 17, 4340-4352.	6.4	25

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19	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
20	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
21	Role of Mitochondria in Physiology of Chondrocytes and Diseases of Osteoarthritis and Rheumatoid Arthritis. <i>Cartilage</i> , 2021, 13, 1102S-1121S.	2.7	53
22	Toxic effects of the Emamectin Benzoate exposure on cultured human bronchial epithelial (16HBE) cells. <i>Environmental Pollution</i> , 2020, 257, 113618.	7.5	19
23	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
24	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
25	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
26	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
27	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
28	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
29	Semi-synthetic product dihydroartemisinin inhibited fibronectin-1 and integrin- $\alpha$ 1 and interfered with the migration of HCCLM6 cells via PI3K-AKT pathway. <i>Biotechnology Letters</i> , 2020, 42, 917-926.	2.2	8
30	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
31	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
32	Effects of Bakuchiol on chondrocyte proliferation via the PI3K-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
33	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
34	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
35	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
36	Smart hydrogels with high tunability of stiffness as a biomimetic cell carrier. <i>Cell Biology International</i> , 2019, 43, 84-97.	3.0	26

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37	Expression of LOXs and MMP-1, 2, 3 by ACL Fibroblasts and Synoviocytes Impact of Coculture and TNF- $\alpha$ . Journal of Knee Surgery, 2019, 32, 352-360.	1.6	7
38	DNA Nanostructure as an Efficient Drug Delivery Platform for Immunotherapy. Frontiers in Pharmacology, 2019, 10, 1585.	3.5	54
39	Different expression profiles of the lysyl oxidases and matrix metalloproteinases in human ACL fibroblasts after co-culture with synovial cells. Connective Tissue Research, 2018, 59, 369-380.	2.3	9
40	Modulation of MMP-2 and MMP-9 through connected pathways and growth factors is critical for extracellular matrix balance of intra-articular ligaments. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e550-e565.	2.7	16
41	Mechano growth factor E peptide inhibits invasion of melanoma cells and up-regulates CHOP expression via endoplasmic reticulum stress. Biotechnology Letters, 2018, 40, 205-213.	2.2	2
42	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. Journal of Biomechanics, 2018, 66, 95-102.	2.1	18
43	Emodin as a selective proliferative inhibitor of vascular smooth muscle cells versus endothelial cells suppress arterial intima formation. Life Sciences, 2018, 207, 9-14.	4.3	20
44	Construction of three-dimensional net-like polyelectrolyte multilayered nanostructures onto titanium substrates for combined antibacterial and antioxidant applications. Journal of Materials Chemistry B, 2018, 6, 5290-5302.	5.8	19
45	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. Experimental and Therapeutic Medicine, 2017, 14, 5258-5266.	1.8	15
46	Molecular characterization and functional analysis of the GATA4 in tongue sole (Cynoglossus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 193, 1-8.	1.6	16
47	Mechano growth factor-C24E, a potential promoting biochemical factor for ligament tissue engineering. Biochemical Engineering Journal, 2016, 105, 249-263.	3.6	5
48	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. International Orthopaedics, 2015, 39, 183-191.	1.9	10
49	Influence of TNF- $\alpha$ and biomechanical stress on matrix metalloproteinases and lysyl oxidases expressions in human knee synovial fibroblasts. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 1997-2006.	4.2	21
50	Titanium particles up-regulate the activity of matrix metalloproteinase-2 in human synovial cells. International Orthopaedics, 2014, 38, 1091-1098.	1.9	6
51	TNF- $\alpha$ induced down-regulation of lysyl oxidase family in anterior cruciate ligament and medial collateral ligament fibroblasts. Knee, 2014, 21, 47-53.	1.6	20
52	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> . Steroids, 2013, 78, 1339-1346.	1.8	5
53	TGF-beta1 induces the different expressions of lysyl oxidases and matrix metalloproteinases in anterior cruciate ligament and medial collateral ligament fibroblasts after mechanical injury. Journal of Biomechanics, 2013, 46, 890-898.	2.1	47
54	Interleukin-1 beta influences on lysyl oxidases and matrix metalloproteinases profile of injured anterior cruciate ligament and medial collateral ligament fibroblasts. International Orthopaedics, 2013, 37, 495-505.	1.9	31

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55	Up-regulation expressions of lysyl oxidase family in Anterior Cruciate Ligament and Medial Collateral Ligament fibroblasts induced by Transforming Growth Factor-Beta 1. International Orthopaedics, 2012, 36, 207-213.	1.9	22