

# Younan Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

2,763  
citations

230014

27  
h-index

223390

49  
g-index

80  
all docs

80  
docs citations

80  
times ranked

4076  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of Nrf2 in oxidative stress-induced endothelial injuries. <i>Journal of Endocrinology</i> , 2015, 225, R83-R99.	1.2	299
2	Mitochondrial ROS promote mitochondrial dysfunction and inflammation in ischemic acute kidney injury by disrupting TFAM-mediated mtDNA maintenance. <i>Theranostics</i> , 2021, 11, 1845-1863.	4.6	296
3	Regulation of SIRT1 in aging: Roles in mitochondrial function and biogenesis. <i>Mechanisms of Ageing and Development</i> , 2016, 155, 10-21.	2.2	212
4	Mesenchymal Stem Cell-Derived Extracellular Vesicles Attenuate Mitochondrial Damage and Inflammation by Stabilizing Mitochondrial DNA. <i>ACS Nano</i> , 2021, 15, 1519-1538.	7.3	134
5	Oleic acid protects saturated fatty acid mediated lipotoxicity in hepatocytes and rat of non-alcoholic steatohepatitis. <i>Life Sciences</i> , 2018, 203, 291-304.	2.0	109
6	Oleic acid ameliorates palmitic acid induced hepatocellular lipotoxicity by inhibition of ER stress and pyroptosis. <i>Nutrition and Metabolism</i> , 2020, 17, 11.	1.3	92
7	Mitochondrial ROS-induced lysosomal dysfunction impairs autophagic flux and contributes to M1 macrophage polarization in a diabetic condition. <i>Clinical Science</i> , 2019, 133, 1759-1777.	1.8	91
8	Activation of TFEB-mediated autophagy by trehalose attenuates mitochondrial dysfunction in cisplatin-induced acute kidney injury. <i>Theranostics</i> , 2020, 10, 5829-5844.	4.6	91
9	Injectable extracellular vesicle-released self-assembling peptide nanofiber hydrogel as an enhanced cell-free therapy for tissue regeneration. <i>Journal of Controlled Release</i> , 2019, 316, 93-104.	4.8	88
10	Phloretin ameliorates hyperuricemia-induced chronic renal dysfunction through inhibiting NLRP3 inflammasome and uric acid reabsorption. <i>Phytomedicine</i> , 2020, 66, 153111.	2.3	70
11	Reference values of clinical chemistry and hematology parameters in rhesus monkeys ( <i>Macaca</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo	1.6	69
12	A self-assembling peptide hydrogel-based drug co-delivery platform to improve tissue repair after ischemia-reperfusion injury. <i>Acta Biomaterialia</i> , 2020, 103, 102-114.	4.1	60
13	Mesenchymal stem cell-conditioned media ameliorate diabetic endothelial dysfunction by improving mitochondrial bioenergetics via the Sirt1/AMPK/PGC-1 $\beta$ pathway. <i>Clinical Science</i> , 2016, 130, 2181-2198.	1.8	59
14	Early intervention with mesenchymal stem cells prevents nephropathy in diabetic rats by ameliorating the inflammatory microenvironment. <i>International Journal of Molecular Medicine</i> , 2018, 41, 2629-2639.	1.8	57
15	GLP-1 receptor agonist ameliorates obesity-induced chronic kidney injury via restoring renal metabolism homeostasis. <i>PLoS ONE</i> , 2018, 13, e0193473.	1.1	56
16	LRRc17 controls BMSC senescence via mitophagy and inhibits the therapeutic effect of BMSCs on ovariectomy-induced bone loss. <i>Redox Biology</i> , 2021, 43, 101963.	3.9	53
17	Mitochondrial Transfer from Mesenchymal Stem Cells to Macrophages Restricts Inflammation and Alleviates Kidney Injury in Diabetic Nephropathy Mice via PGC-1 $\beta$ Activation. <i>Stem Cells</i> , 2021, 39, 913-928.	1.4	50
18	Mesenchymal stem cells ameliorate hyperglycemia-induced endothelial injury through modulation of mitophagy. <i>Cell Death and Disease</i> , 2018, 9, 837.	2.7	49

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19	Phloretin attenuates hyperuricemia-induced endothelial dysfunction through co-inhibiting inflammation and GLUT9-mediated uric acid uptake. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2553-2562.	1.6	40
20	S-Sulfhydration of SIRT3 by Hydrogen Sulfide Attenuates Mitochondrial Dysfunction in Cisplatin-Induced Acute Kidney Injury. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 1302-1319.	2.5	40
21	Mesenchymal stem cells elicit macrophages into M2 phenotype via improving transcription factor EB-mediated autophagy to alleviate diabetic nephropathy. <i>Stem Cells</i> , 2020, 38, 639-652.	1.4	38
22	Control release of mitochondria-targeted antioxidant by injectable self-assembling peptide hydrogel ameliorated persistent mitochondrial dysfunction and inflammation after acute kidney injury. <i>Drug Delivery</i> , 2018, 25, 546-554.	2.5	36
23	Resveratrol exerts dose-dependent anti-fibrotic or pro-fibrotic effects in kidneys: A potential risk to individuals with impaired kidney function. <i>Phytomedicine</i> , 2019, 57, 223-235.	2.3	36
24	Mesenchymal stem cells microvesicle-miR-451a ameliorate early diabetic kidney injury by negative regulation of P15 and P19. <i>Experimental Biology and Medicine</i> , 2018, 243, 1233-1242.	1.1	35
25	Mesenchymal stem cells alleviate rat diabetic nephropathy by suppressing CD103 <sup>+</sup> DCs-mediated CD8 <sup>+</sup> T cell responses. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 5817-5831.	1.6	34
26	Peritoneal M2 macrophage transplantation as a potential cell therapy for enhancing renal repair in acute kidney injury. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 3314-3327.	1.6	33
27	Functionalized self-assembling peptide improves INS-1 & beta-cell function and proliferation via the integrin/FAK/ERK/cyclin pathway. <i>International Journal of Nanomedicine</i> , 2015, 10, 3519.	3.3	32
28	Intervention for early diabetic nephropathy by mesenchymal stem cells in a preclinical nonhuman primate model. <i>Stem Cell Research and Therapy</i> , 2019, 10, 363.	2.4	31
29	A DNA Nanoraft-Based Cytokine Delivery Platform for Alleviation of Acute Kidney Injury. <i>ACS Nano</i> , 2021, 15, 18237-18249.	7.3	31
30	Î² cell aging and age-related diabetes. <i>Aging</i> , 2021, 13, 7691-7706.	1.4	30
31	Enhancement of the efficacy of mesenchymal stem cells in the treatment of ischemic diseases. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 2022-2034.	2.5	28
32	PGC-1Î± alleviates mitochondrial dysfunction via TFEB-mediated autophagy in cisplatin-induced acute kidney injury. <i>Aging</i> , 2021, 13, 8421-8439.	1.4	27
33	Injectable self-assembling peptide nanofiber hydrogel as a bioactive 3D platform to promote chronic wound tissue regeneration. <i>Acta Biomaterialia</i> , 2021, 135, 100-112.	4.1	26
34	Oleic acid protects insulin-secreting INS-1E cells against palmitic acid-induced lipotoxicity along with an amelioration of ER stress. <i>Endocrine</i> , 2019, 64, 512-524.	1.1	23
35	Elevated branched-chain Î±-keto acids exacerbate macrophage oxidative stress and chronic inflammatory damage in type 2 diabetes mellitus. <i>Free Radical Biology and Medicine</i> , 2021, 175, 141-154.	1.3	22
36	Mesenchymal stromal cells protect hepatocytes from lipotoxicity through alleviation of endoplasmic reticulum stress by restoring SERCA activity. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 2976-2993.	1.6	21

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37	Mesenchymal Stem Cells Attenuate Diabetic Lung Fibrosis via Adjusting Sirt3-Mediated Stress Responses in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-15.	1.9	20
38	Mesenchymal Stem Cells Ameliorated Glucolipototoxicity in HUVECs through TSG-6. <i>International Journal of Molecular Sciences</i> , 2016, 17, 483.	1.8	19
39	Polyacetylene glycoside attenuates ischemic kidney injury by co-inhibiting inflammation, mitochondria dysfunction and lipotoxicity. <i>Life Sciences</i> , 2018, 204, 55-64.	2.0	19
40	Reference values of biochemical and hematological parameters for Guizhou minipigs. <i>Experimental Biology and Medicine</i> , 2011, 236, 477-482.	1.1	16
41	Full-length cDNA cloning and protein three-dimensional structure modeling of porcine prothrombin. <i>Blood Cells, Molecules, and Diseases</i> , 2007, 38, 93-99.	0.6	15
42	A preclinical evaluation of alternative site for islet allotransplantation. <i>PLoS ONE</i> , 2017, 12, e0174505.	1.1	14
43	Mesenchymal stem cells alleviate palmitic acid-induced endothelial-to-mesenchymal transition by suppressing endoplasmic reticulum stress. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E961-E980.	1.8	13
44	Pigment epithelium-derived factor (PEDF) regulates metabolism and insulin secretion from a clonal rat pancreatic beta cell line BRIN-BD11 and mouse islets. <i>Molecular and Cellular Endocrinology</i> , 2016, 426, 50-60.	1.6	12
45	MSCs promote the development and improve the function of neonatal porcine islet grafts. <i>FASEB Journal</i> , 2018, 32, 3242-3253.	0.2	12
46	Dual Inhibition of MAPK and JAK2/STAT3 Pathways Is Critical for the Treatment of BRAF Mutant Melanoma. <i>Molecular Therapy - Oncolytics</i> , 2020, 18, 100-108.	2.0	12
47	Characterization of porcine factor VII, X and comparison with human factor VII, X. <i>Blood Cells, Molecules, and Diseases</i> , 2009, 43, 111-118.	0.6	10
48	DPP IV inhibitor suppresses STZ-induced islets injury dependent on activation of the IGFR/Akt/mTOR signaling pathways by GLP-1 in monkeys. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 139-144.	1.0	10
49	MSCs protect endothelial cells from inflammatory injury partially by secreting STC1. <i>International Immunopharmacology</i> , 2018, 61, 109-118.	1.7	10
50	Protein-Protein Affinity Determination by Quantitative FRET Quenching. <i>Scientific Reports</i> , 2019, 9, 2050.	1.6	10
51	Transcripts 202 and 205 of IL-6 confer resistance to Vemurafenib by reactivating the MAPK pathway in BRAF(V600E) mutant melanoma cells. <i>Experimental Cell Research</i> , 2020, 390, 111942.	1.2	10
52	Sequential Analysis of the N/O-Glycosylation of Heavily Glycosylated HIV-1 gp120 Using EThcD-sceHCD-MS/MS. <i>Frontiers in Immunology</i> , 2021, 12, 755568.	2.2	10
53	An Overview of Dietary Supplements on Obesity and Type 2 Diabetes: Efficacy and Mechanisms. <i>Current Drug Metabolism</i> , 2021, 22, 415-440.	0.7	9
54	Whole-genome sequencing identifies rare missense variants of WNT16 and ERVW-1 causing the systemic lupus erythematosus. <i>Genomics</i> , 2022, 114, 110332.	1.3	9

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55	Glucocorticoid treatment facilitates development of a metabolic syndrome in ovariectomized Macaca Mulatta fed a high fat diet. <i>Steroids</i> , 2017, 128, 105-113.	0.8	4
56	Regulatory Effects of N-3 PUFAs on Pancreatic $\beta$ -cells and Insulin-sensitive Tissues. <i>Current Drug Metabolism</i> , 2021, 22, 1017-1034.	0.7	4
57	GPR15 $\leftrightarrow$ C10ORF99 functional pairing initiates colonic Treg homing in amniotes. <i>EMBO Reports</i> , 2022, 23, e53246.	2.0	4
58	RNA sequencing data of Vemurafenib-resistant melanoma cells and parental cells. <i>Data in Brief</i> , 2020, 30, 105610.	0.5	3
59	Molecular Cloning and Characterization of Rhesus Monkey Platelet Glycoprotein Ib $\beta$ , a major ligand-binding subunit of GPIb-IX-V complex. <i>Thrombosis Research</i> , 2014, 133, 817-825.	0.8	2
60	Gene expression profile of vascular ischemia-reperfusion injury in rhesus monkeys. <i>Gene</i> , 2016, 576, 753-762.	1.0	2
61	Immunomodulatory effects of rhesus monkey bone marrow-derived mesenchymal stem cells in serum-free conditions. <i>International Immunopharmacology</i> , 2018, 64, 364-371.	1.7	2
62	Mesenchymal stem cells transplantation attenuates hyperuricemic nephropathy in rats. <i>International Immunopharmacology</i> , 2021, 99, 108000.	1.7	2
63	Cloning of the full-length cDNA of porcine antithrombin III and comparison with its human homolog. <i>Comparative Medicine</i> , 2009, 59, 372-7.	0.4	2
64	Oleic acid ameliorates palmitic acid induced pyroptosis by attenuating endoplasmic reticulum stress in HepG2 cells. <i>FASEB Journal</i> , 2019, 33, 487.27.	0.2	1
65	Cloning and comparison of factor X from rhesus monkey ( <i>Macaca mulatta</i> ). <i>Comparative Medicine</i> , 2009, 59, 476-81.	0.4	1
66	Oleic Acid Protected Pancreatic $\beta$ -Cell Against Saturated Fatty Acid Induced Lipotoxicity. <i>FASEB Journal</i> , 2018, 32, 812.32.	0.2	0
67	Resveratrol Exerts Dose $\rightarrow$ response Anti $\rightarrow$ fibrotic and Pro $\rightarrow$ fibrotic Effect in Renal Tubular Epithelial Cells. <i>FASEB Journal</i> , 2018, 32, 849.14.	0.2	0
68	Mesenchymal Stem Cells Ameliorate Uric Acid Induced Nephropathy in Rats. <i>FASEB Journal</i> , 2018, 32, 562.13.	0.2	0
69	Mesenchymal stem cells improve renal injury in diabetic rats by inhibiting CD103 + DCs maturation to decline CD8 + T cell responses. <i>FASEB Journal</i> , 2019, 33, 662.24.	0.2	0
70	Peritoneal regulatory M2 macrophage therapy for ischemic renal injury. <i>FASEB Journal</i> , 2019, 33, 120.9.	0.2	0
71	Targeted inhibition of mitochondrial ROS maintains TFAM and mitochondrial DNA homeostasis in acute kidney injury. <i>FASEB Journal</i> , 2019, 33, 572.2.	0.2	0
72	S $\rightarrow$ sulfhydration of SIRT3 by hydrogen sulfide attenuates mitochondrial dysfunction in cisplatin $\rightarrow$ induced acute kidney injury. <i>FASEB Journal</i> , 2019, 33, 794.10.	0.2	0

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73	Nitric Oxide and Redox State Measurements in Pancreatic Beta Cells. <i>Methods in Molecular Biology</i> , 2020, 2076, 241-253.	0.4	0
74	PGC1 $\alpha$ alleviates mitochondrial dysfunction via TFE $\beta$ -mediated autophagy in acute kidney injury mice. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
75	Pancreatic Islets Aging in Old Rhesus Monkey. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
76	Down-regulation of LRRc17 secreted by BMSCs alleviates age-related bone aging through autophagy enhancement. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
77	Co-Delivery of Anti-inflammatory and Proliferative Agents by Injectable Hydrogel to Promote Tissue Repair after Acute Kidney Injury. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0