Younan Chen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The role of Nrf2 in oxidative stress-induced endothelial injuries. Journal of Endocrinology, 2015, 225, R83-R99.	2.6	299
2	Mitochondrial ROS promote mitochondrial dysfunction and inflammation in ischemic acute kidney injury by disrupting TFAM-mediated mtDNA maintenance. Theranostics, 2021, 11, 1845-1863.	10.0	296
3	Regulation of SIRT1 in aging: Roles in mitochondrial function and biogenesis. Mechanisms of Ageing and Development, 2016, 155, 10-21.	4.6	212
4	Mesenchymal Stem Cell-Derived Extracellular Vesicles Attenuate Mitochondrial Damage and Inflammation by Stabilizing Mitochondrial DNA. ACS Nano, 2021, 15, 1519-1538.	14.6	134
5	Oleic acid protects saturated fatty acid mediated lipotoxicity in hepatocytes and rat of non-alcoholic steatohepatitis. Life Sciences, 2018, 203, 291-304.	4.3	109
6	Oleic acid ameliorates palmitic acid induced hepatocellular lipotoxicity by inhibition of ER stress and pyroptosis. Nutrition and Metabolism, 2020, 17, 11.	3.0	92
7	Mitochondrial ROS-induced lysosomal dysfunction impairs autophagic flux and contributes to M1 macrophage polarization in a diabetic condition. Clinical Science, 2019, 133, 1759-1777.	4.3	91
8	Activation of TFEB-mediated autophagy by trehalose attenuates mitochondrial dysfunction in cisplatin-induced acute kidney injury. Theranostics, 2020, 10, 5829-5844.	10.0	91
9	Injectable extracellular vesicle-released self-assembling peptide nanofiber hydrogel as an enhanced cell-free therapy for tissue regeneration. Journal of Controlled Release, 2019, 316, 93-104.	9.9	88
10	Phloretin ameliorates hyperuricemia-induced chronic renal dysfunction through inhibiting NLRP3 inflammasome and uric acid reabsorption. Phytomedicine, 2020, 66, 153111.	5.3	70
11	Reference values of clinical chemistry and hematology parameters in rhesus monkeys (<i>Macaca) Tj ETQq1 1 0</i>	.784314 rg	gBT_/Overloc
12	A self-assembling peptide hydrogel-based drug co-delivery platform to improve tissue repair after ischemia-reperfusion injury. Acta Biomaterialia, 2020, 103, 102-114.	8.3	60
13	Mesenchymal stem cell-conditioned media ameliorate diabetic endothelial dysfunction by improving mitochondrial bioenergetics via the Sirt1/AMPK/PGC-11± pathway. Clinical Science, 2016, 130, 2181-2198.	4.3	59
14	Early intervention with mesenchymal stem cells prevents nephropathy in diabetic rats by ameliorating the inflammatory microenvironment. International Journal of Molecular Medicine, 2018, 41, 2629-2639.	4.0	57
15	GLP-1 receptor agonist ameliorates obesity-induced chronic kidney injury via restoring renal metabolism homeostasis. PLoS ONE, 2018, 13, e0193473.	2.5	56
16	LRRc17 controls BMSC senescence via mitophagy and inhibits the therapeutic effect of BMSCs on ovariectomy-induced bone loss. Redox Biology, 2021, 43, 101963.	9.0	53
17	Mitochondrial Transfer from Mesenchymal Stem Cells to Macrophages Restricts Inflammation and Alleviates Kidney Injury in Diabetic Nephropathy Mice via PGC-11± Activation. Stem Cells, 2021, 39, 913-928.	3.2	50
18	Mesenchymal stem cells ameliorate hyperglycemia-induced endothelial injury through modulation of mitophagy. Cell Death and Disease, 2018, 9, 837.	6.3	49

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19	Phloretin attenuates hyperuricemiaâ€induced endothelial dysfunction through coâ€inhibiting inflammation and <scp>GLUT</scp> 9â€mediated uric acid uptake. Journal of Cellular and Molecular Medicine, 2017, 21, 2553-2562.	3.6	40
20	S-Sulfhydration of SIRT3 by Hydrogen Sulfide Attenuates Mitochondrial Dysfunction in Cisplatin-Induced Acute Kidney Injury. Antioxidants and Redox Signaling, 2019, 31, 1302-1319.	5.4	40
21	Mesenchymal stem cells elicit macrophages into M2 phenotype via improving transcription factor EB-mediated autophagy to alleviate diabetic nephropathy. Stem Cells, 2020, 38, 639-652.	3.2	38
22	Control release of mitochondria-targeted antioxidant by injectable self-assembling peptide hydrogel ameliorated persistent mitochondrial dysfunction and inflammation after acute kidney injury. Drug Delivery, 2018, 25, 546-554.	5.7	36
23	Resveratrol exerts dose-dependent anti-fibrotic or pro-fibrotic effects in kidneys: A potential risk to individuals with impaired kidney function. Phytomedicine, 2019, 57, 223-235.	5.3	36
24	Mesenchymal stem cells–microvesicle-miR-451a ameliorate early diabetic kidney injury by negative regulation of P15 and P19. Experimental Biology and Medicine, 2018, 243, 1233-1242.	2.4	35
25	Mesenchymal stem cells alleviate rat diabetic nephropathy by suppressing CD103 ⁺ DCsâ€mediated CD8 ⁺ T cell responses. Journal of Cellular and Molecular Medicine, 2020, 24, 5817-5831.	3.6	34
26	Peritoneal M2 macrophage transplantation as a potential cell therapy for enhancing renal repair in acute kidney injury. Journal of Cellular and Molecular Medicine, 2020, 24, 3314-3327.	3.6	33
27	Functionalized self-assembling peptide improves INS-1 β-cell function and proliferation via the integrin/FAK/ERK/cyclin pathway. International Journal of Nanomedicine, 2015, 10, 3519.	6.7	32
28	Intervention for early diabetic nephropathy by mesenchymal stem cells in a preclinical nonhuman primate model. Stem Cell Research and Therapy, 2019, 10, 363.	5.5	31
29	A DNA Nanoraft-Based Cytokine Delivery Platform for Alleviation of Acute Kidney Injury. ACS Nano, 2021, 15, 18237-18249.	14.6	31
30	β cell aging and age-related diabetes. Aging, 2021, 13, 7691-7706.	3.1	30
31	Enhancement of the efficacy of mesenchymal stem cells in the treatment of ischemic diseases. Biomedicine and Pharmacotherapy, 2019, 109, 2022-2034.	5.6	28
32	PGC-1α alleviates mitochondrial dysfunction via TFEB-mediated autophagy in cisplatin-induced acute kidney injury. Aging, 2021, 13, 8421-8439.	3.1	27
33	Injectable self-assembling peptide nanofiber hydrogel as a bioactive 3D platform to promote chronic wound tissue regeneration. Acta Biomaterialia, 2021, 135, 100-112.	8.3	26
34	Oleic acid protects insulin-secreting INS-1E cells against palmitic acid-induced lipotoxicity along with an amelioration of ER stress. Endocrine, 2019, 64, 512-524.	2.3	23
35	Elevated branched-chain α-keto acids exacerbate macrophage oxidative stress and chronic inflammatory damage in type 2 diabetes mellitus. Free Radical Biology and Medicine, 2021, 175, 141-154.	2.9	22
36	Mesenchymal stromal cells protect hepatocytes from lipotoxicity through alleviation of endoplasmic reticulum stress by restoring SERCA activity. Journal of Cellular and Molecular Medicine, 2021, 25, 2976-2993.	3.6	21

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37	Mesenchymal Stem Cells Attenuate Diabetic Lung Fibrosis via Adjusting Sirt3-Mediated Stress Responses in Rats. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-15.	4.0	20
38	Mesenchymal Stem Cells Ameliorated Glucolipotoxicity in HUVECs through TSC-6. International Journal of Molecular Sciences, 2016, 17, 483.	4.1	19
39	Polyacetylene glycoside attenuates ischemic kidney injury by co-inhibiting inflammation, mitochondria dysfunction and lipotoxicity. Life Sciences, 2018, 204, 55-64.	4.3	19
40	Reference values of biochemical and hematological parameters for Guizhou minipigs. Experimental Biology and Medicine, 2011, 236, 477-482.	2.4	16
41	Full-length cDNA cloning and protein three-dimensional structure modeling of porcine prothrombin. Blood Cells, Molecules, and Diseases, 2007, 38, 93-99.	1.4	15
42	A preclinical evaluation of alternative site for islet allotransplantation. PLoS ONE, 2017, 12, e0174505.	2.5	14
43	Mesenchymal stem cells alleviate palmitic acid-induced endothelial-to-mesenchymal transition by suppressing endoplasmic reticulum stress. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E961-E980.	3.5	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. Molecular and Cellular Endocrinology, 2016, 426, 50-60.	3.2	12
45	MSCs promote the development and improve the function of neonatal porcine islet grafts. FASEB Journal, 2018, 32, 3242-3253.	0.5	12
46	Dual Inhibition of MAPK and JAK2/STAT3 Pathways Is Critical for the Treatment of BRAF Mutant Melanoma. Molecular Therapy - Oncolytics, 2020, 18, 100-108.	4.4	12
47	Characterization of porcine factor VII, X and comparison with human factor VII, X. Blood Cells, Molecules, and Diseases, 2009, 43, 111-118.	1.4	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. Biochemical and Biophysical Research Communications, 2015, 456, 139-144.	2.1	10
49	MSCs protect endothelial cells from inflammatory injury partially by secreting STC1. International Immunopharmacology, 2018, 61, 109-118.	3.8	10
50	Protein–Protein Affinity Determination by Quantitative FRET Quenching. Scientific Reports, 2019, 9, 2050.	3.3	10
51	Transcripts 202 and 205 of IL-6 confer resistance to Vemurafenib by reactivating the MAPK pathway in BRAF(V600E) mutant melanoma cells. Experimental Cell Research, 2020, 390, 111942.	2.6	10
52	Sequential Analysis of the N/O-Glycosylation of Heavily Glycosylated HIV-1 gp120 Using EThcD-sceHCD-MS/MS. Frontiers in Immunology, 2021, 12, 755568.	4.8	10
53	An Overview of Dietary Supplements on Obesity and Type 2 Diabetes: Efficacy and Mechanisms. Current Drug Metabolism, 2021, 22, 415-440.	1.2	9
54	Whole-genome sequencing identifies rare missense variants of WNT16 and ERVW-1 causing the systemic lupus erythematosus. Genomics, 2022, 114, 110332.	2.9	9

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55	Glucocorticoid treatment facilitates development of a metabolic syndrome in ovariectomized Macaca Mulatta fed a high fat diet. Steroids, 2017, 128, 105-113.	1.8	4
56	Regulatory Effects of N-3 PUFAs on Pancreatic Î ² -cells and Insulin-sensitive Tissues. Current Drug Metabolism, 2021, 22, 1017-1034.	1.2	4
57	GPR15–C10ORF99 functional pairing initiates colonic Treg homing in amniotes. EMBO Reports, 2022, 23, e53246.	4.5	4
58	RNA sequencing data of Vemurafenib-resistant melanoma cells and parental cells. Data in Brief, 2020, 30, 105610.	1.0	3
59	Molecular Cloning and Characterization of Rhesus Monkey Platelet Glycoprotein Ibα, a major ligand-binding subunit of GPIb-IX-V complex. Thrombosis Research, 2014, 133, 817-825.	1.7	2
60	Gene expression profile of vascular ischemia-reperfusion injury in rhesus monkeys. Gene, 2016, 576, 753-762.	2.2	2
61	Immunomodulatory effects of rhesus monkey bone marrow-derived mesenchymal stem cells in serum-free conditions. International Immunopharmacology, 2018, 64, 364-371.	3.8	2
62	Mesenchymal stem cells transplantation attenuates hyperuricemic nephropathy in rats. International Immunopharmacology, 2021, 99, 108000.	3.8	2
63	Cloning of the full-length cDNA of porcine antithrombin III and comparison with its human homolog. Comparative Medicine, 2009, 59, 372-7.	1.0	2
64	Oleic acid ameliorates palmitic acid induced pyroptosis by attenuating endoplasmic reticulum stress in HepG2 cells. FASEB Journal, 2019, 33, 487.27.	0.5	1
65	Cloning and comparison of factor X from rhesus monkey (Macaca mulatta). Comparative Medicine, 2009, 59, 476-81.	1.0	1
66	Oleic Acid Protected Pancreatic β ell Against Saturated Fatty Acid Induced Lipotoxicity. FASEB Journal, 2018, 32, 812.32.	0.5	0
67	Resveratrol Exerts Doseâ€response Antiâ€fibrotic and Proâ€fibrotic Effect in Renal Tubular Epithelial Cells. FASEB Journal, 2018, 32, 849.14.	0.5	0
68	Mesenchymal Stem Cells Ameliorate Uric Acid Induced Nephropathy in Rats. FASEB Journal, 2018, 32, 562.13.	0.5	0
69	Mesenchymal stem cells improve renal injury in diabetic rats by inhibiting CD103 + DCs maturation to decline CD8 + T cell responses. FASEB Journal, 2019, 33, 662.24.	0.5	0
70	Peritoneal regulatory M2 macrophage therapy for ischemic renal injury. FASEB Journal, 2019, 33, 120.9.	0.5	0
71	Targeted inhibition of mitochondrial ROS maintains TFAM and mitochondrial DNA homeostasis in acute kidney injury. FASEB Journal, 2019, 33, 572.2.	0.5	0
72	Sâ€sulfhydration of SIRT3 by hydrogen sulfide attenuates mitochondrial dysfunction in cisplatinâ€induced acute kidney injury. FASEB Journal, 2019, 33, 794.10.	0.5	0

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73	Nitric Oxide and Redox State Measurements in Pancreatic Beta Cells. Methods in Molecular Biology, 2020, 2076, 241-253.	0.9	0
74	PGC1α alleviates mitochondrial dysfunction via TFEBâ€nediated autophagy in acute kidney injury mice. FASEB Journal, 2020, 34, 1-1.	0.5	0
75	Pancreatic Islets Aging in Old Rhesus Monkey. FASEB Journal, 2020, 34, 1-1.	0.5	0
76	Downâ€regulation of LRRc17 secreted by BMSCs alleviates ageâ€related bone aging through autophagy enhancement. FASEB Journal, 2020, 34, 1-1.	0.5	0
77	Coâ€Delivery of Antiâ€Inflammatory and Proliferative Agents by Injectable Hydrogel to Promote Tissue Repair after Acute Kidney Injury. FASEB Journal, 2020, 34, 1-1.	0.5	0