Yanrong Lu

List of Publications by Year
in descending order

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109	3,960	126858	138417
papers	citations	33 h-index	58 g-index

118	118	118	6154
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The role of Nrf2 in oxidative stress-induced endothelial injuries. Journal of Endocrinology, 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. Theranostics, 2021, 11, 1845-1863.	4.6	296
3	Regulation of SIRT1 in aging: Roles in mitochondrial function and biogenesis. Mechanisms of Ageing and Development, 2016, 155, 10-21.	2.2	212
4	Therapeutic inhibition of mitochondrial reactive oxygen species with mito-TEMPO reduces diabetic cardiomyopathy. Free Radical Biology and Medicine, 2016, 90, 12-23.	1.3	204
5	Mesenchymal Stem Cell-Derived Extracellular Vesicles Attenuate Mitochondrial Damage and Inflammation by Stabilizing Mitochondrial DNA. ACS Nano, 2021, 15, 1519-1538.	7.3	134
6	C3a and C5a receptor antagonists ameliorate endothelial-myofibroblast transition via the Wnt/Î²-catenin signaling pathway in diabetic kidney disease. Metabolism: Clinical and Experimental, 2015, 64, 597-610.	1.5	112
7	Mitochondrial Calpain-1 Disrupts ATP Synthase and Induces Superoxide Generation in Type 1 Diabetic Hearts: A Novel Mechanism Contributing to Diabetic Cardiomyopathy. Diabetes, 2016, 65, 255-268.	0.3	112
8	Oleic acid protects saturated fatty acid mediated lipotoxicity in hepatocytes and rat of non-alcoholic steatohepatitis. Life Sciences, 2018, 203, 291-304.	2.0	109
9	Macrophage-derived extracellular vesicles: diverse mediators of pathology and therapeutics in multiple diseases. Cell Death and Disease, 2020, 11, 924.	2.7	97
10	Oleic acid ameliorates palmitic acid induced hepatocellular lipotoxicity by inhibition of ER stress and pyroptosis. Nutrition and Metabolism, 2020, 17, 11.	1.3	92
11	Metformin Uniquely Prevents Thrombosis by Inhibiting Platelet Activation and mtDNA Release. Scientific Reports, 2016, 6, 36222.	1.6	91
12	Mitochondrial ROS-induced lysosomal dysfunction impairs autophagic flux and contributes to M1 macrophage polarization in a diabetic condition. Clinical Science, 2019, 133, 1759-1777.	1.8	91
13	Activation of TFEB-mediated autophagy by trehalose attenuates mitochondrial dysfunction in cisplatin-induced acute kidney injury. Theranostics, 2020, 10, 5829-5844.	4.6	91
14	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.	4.8	88
15	Metabonomics revealed xanthine oxidase-induced oxidative stress and inflammation in the pathogenesis of diabetic nephropathy. Analytical and Bioanalytical Chemistry, 2015, 407, 2569-2579.	1.9	72
16	Phloretin ameliorates hyperuricemia-induced chronic renal dysfunction through inhibiting NLRP3 inflammasome and uric acid reabsorption. Phytomedicine, 2020, 66, 153111.	2.3	70
17	Bariatric Surgeryâ€“Induced Cardiac and Lipidomic Changes in Obesityâ€Related Heart Failure with Preserved Ejection Fraction. Obesity, 2018, 26, 284-290.	1.5	68
18	A self-assembling peptide hydrogel-based drug co-delivery platform to improve tissue repair after ischemia-reperfusion injury. Acta Biomaterialia, 2020, 103, 102-114.	4.1	60

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19	Mesenchymal stem cells protect islets from hypoxia/reoxygenationâ€induced injury. Cell Biochemistry and Function, 2010, 28, 637-643.	1.4	59
20	Mesenchymal stem cell-conditioned media ameliorate diabetic endothelial dysfunction by improving mitochondrial bioenergetics via the Sirt1/AMPK/PGC-1Î± pathway. Clinical Science, 2016, 130, 2181-2198.	1.8	59
21	GLP-1 receptor agonist ameliorates obesity-induced chronic kidney injury via restoring renal metabolism homeostasis. PLoS ONE, 2018, 13, e0193473.	1.1	56
22	Extracellular vesicle-based therapeutics for the regeneration of chronic wounds: current knowledge and future perspectives. Acta Biomaterialia, 2021, 119, 42-56.	4.1	53
23	LRRc17 controls BMSC senescence via mitophagy and inhibits the therapeutic effect of BMSCs on ovariectomy-induced bone loss. Redox Biology, 2021, 43, 101963.	3.9	53
24	Mitochondrial Transfer from Mesenchymal Stem Cells to Macrophages Restricts Inflammation and Alleviates Kidney Injury in Diabetic Nephropathy Mice via PGC-1Î± Activation. Stem Cells, 2021, 39, 913-928.	1.4	50
25	Mesenchymal stem cells ameliorate hyperglycemia-induced endothelial injury through modulation of mitophagy. Cell Death and Disease, 2018, 9, 837.	2.7	49
26	Plasma mi<scp>RNAs</scp> might be promising biomarkers of chronic obstructive pulmonary disease. Clinical Respiratory Journal, 2016, 10, 104-111.	0.6	45
27	Tissueâ€specific and plasma microRNA profiles could be promising biomarkers of histological classification and TNM stage in nonâ€small cell lung cancer. Thoracic Cancer, 2016, 7, 348-354.	0.8	45
28	Association of pre-ablation level of potential blood markers with atrial fibrillation recurrence after catheter ablation: a meta-analysis. Europace, 2017, 19, euw088.	0.7	42
29	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.	1.6	40
30	S-Sulfhydration of SIRT3 by Hydrogen Sulfide Attenuates Mitochondrial Dysfunction in Cisplatin-Induced Acute Kidney Injury. Antioxidants and Redox Signaling, 2019, 31, 1302-1319.	2.5	40
31	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.	1.4	38
32	Activation of PPARÎ²/Î´ protects pancreatic Î² cells from palmitate-induced apoptosis by upregulating the expression of GLP-1 receptor. Cellular Signalling, 2014, 26, 268-278.	1.7	36
33	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.	2.5	36
34	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.	2.3	36
35	Mesenchymal stem cellsâ€“microvesicle-miR-451a ameliorate early diabetic kidney injury by negative regulation of P15 and P19. Experimental Biology and Medicine, 2018, 243, 1233-1242.	1.1	35
36	Comparison of single high-dose streptozotocin with partial pancreatectomy combined with low-dose streptozotocin for diabetes induction in rhesus monkeys. Experimental Biology and Medicine, 2010, 235, 877-885.	1.1	34

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37	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.	1.6	34
38	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.	1.6	33
39	Willingness to Receive COVID-19 Vaccination Among People Living With HIV and AIDS in China: Nationwide Cross-sectional Online Survey. JMIR Public Health and Surveillance, 2021, 7, e31125.	1.2	33
40	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.	3.3	32
41	Complement C5 activation promotes type 2 diabetic kidney disease via activating STAT3 pathway and disrupting the gutâ€kidney axis. Journal of Cellular and Molecular Medicine, 2021, 25, 960-974.	1.6	32
42	Intervention for early diabetic nephropathy by mesenchymal stem cells in a preclinical nonhuman primate model. Stem Cell Research and Therapy, 2019, 10, 363.	2.4	31
43	A DNA Nanoraft-Based Cytokine Delivery Platform for Alleviation of Acute Kidney Injury. ACS Nano, 2021, 15, 18237-18249.	7.3	31
44	Î² cell aging and age-related diabetes. Aging, 2021, 13, 7691-7706.	1.4	30
45	Enhancement of the efficacy of mesenchymal stem cells in the treatment of ischemic diseases. Biomedicine and Pharmacotherapy, 2019, 109, 2022-2034.	2.5	28
46	Sustained release of hepatocyte growth factor by cationic self-assembling peptide/heparin hybrid hydrogel improves β-cell survival and function through modulating inflammatory response. International Journal of Nanomedicine, 2016, Volume 11, 4875-4890.	3.3	27
47	Peripheral infusion of human umbilical cord mesenchymal stem cells rescues acute liver failure lethality in monkeys. Stem Cell Research and Therapy, 2019, 10, 84.	2.4	27
48	PGC-1Î± alleviates mitochondrial dysfunction via TFEB-mediated autophagy in cisplatin-induced acute kidney injury. Aging, 2021, 13, 8421-8439.	1.4	27
49	Injectable self-assembling peptide nanofiber hydrogel as a bioactive 3D platform to promote chronic wound tissue regeneration. Acta Biomaterialia, 2021, 135, 100-112.	4.1	26
50	Itraconazole Induces Regression of Infantile Hemangioma via Downregulation of the Platelet-Derived Growth Factorâ€“D/PI3K/Akt/mTOR Pathway. Journal of Investigative Dermatology, 2019, 139, 1574-1582.	0.3	24
51	Peritoneal M2 macrophage-derived extracellular vesicles as natural multitarget nanotherapeutics to attenuate cytokine storms after severe infections. Journal of Controlled Release, 2022, 349, 118-132.	4.8	24
52	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.	1.1	23
53	Homozygous GNAL mutation associated with familial childhood-onset generalized dystonia. Neurology: Genetics, 2016, 2, e78.	0.9	22
54	Elevated branched-chain Î±-keto acids exacerbate macrophage oxidative stress and chronic inflammatory damage in type 2 diabetes mellitus. Free Radical Biology and Medicine, 2021, 175, 141-154.	1.3	22

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55	Efficacy and Safety of Iguratimod for the Treatment of Rheumatoid Arthritis. Clinical and Developmental Immunology, 2013, 2013, 1-16.	3.3	21
56	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.	1.6	21
57	Expression of miRNA-140 in Chondrocytes and Synovial Fluid of Knee Joints in Patients with Osteoarthritis. Chinese Medical Sciences Journal, 2016, 31, 207-212.	0.2	20
58	Mesenchymal Stem Cells Attenuate Diabetic Lung Fibrosis via Adjusting Sirt3-Mediated Stress Responses in Rats. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-15.	1.9	20
59	Mesenchymal Stem Cells Ameliorated Glucolipotoxicity in HUVECs through TSG-6. International Journal of Molecular Sciences, 2016, 17, 483.	1.8	19
60	Polyacetylene glycoside attenuates ischemic kidney injury by co-inhibiting inflammation, mitochondria dysfunction and lipotoxicity. Life Sciences, 2018, 204, 55-64.	2.0	19
61	Concurrent lipidomics and proteomics on malignant plasma cells from multiple myeloma patients: Probing the lipid metabolome. PLoS ONE, 2020, 15, e0227455.	1.1	17
62	A preclinical evaluation of alternative site for islet allotransplantation. PLoS ONE, 2017, 12, e0174505.	1.1	14
63	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.	1.8	13
64	Factors associated with post NICU discharge exclusive breastfeeding rate and duration amongst first time mothers of preterm infants in Shanghai: a longitudinal cohort study. International Breastfeeding Journal, 2022, 17, 34.	0.9	13
65	Circulating monocytes accelerate acute liver failure by <scp>IL</scp>â€6 secretion in monkey. Journal of Cellular and Molecular Medicine, 2018, 22, 4056-4067.	1.6	12
66	MSCs promote the development and improve the function of neonatal porcine islet grafts. FASEB Journal, 2018, 32, 3242-3253.	0.2	12
67	Dual Inhibition of MAPK and JAK2/STAT3 Pathways Is Critical for the Treatment of BRAF Mutant Melanoma. Molecular Therapy - Oncolytics, 2020, 18, 100-108.	2.0	12
68	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.	1.0	10
69	MSCs protect endothelial cells from inflammatory injury partially by secreting STC1. International Immunopharmacology, 2018, 61, 109-118.	1.7	10
70	Proteinâ€"Protein Affinity Determination by Quantitative FRET Quenching. Scientific Reports, 2019, 9, 2050.	1.6	10
71	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.	1.2	10
72	Mitochondrial-Associated Protein LRPPRC is Related With Poor Prognosis Potentially and Exerts as an Oncogene Via Maintaining Mitochondrial Function in Pancreatic Cancer. Frontiers in Genetics, 2021, 12, 817672.	1.1	10

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73	An Overview of Dietary Supplements on Obesity and Type 2 Diabetes: Efficacy and Mechanisms. Current Drug Metabolism, 2021, 22, 415-440.	0.7	9
74	Large-scale in vitro expansion of human regulatory T cells with potent xenoantigen-specific suppression. Cytotechnology, 2016, 68, 935-945.	0.7	8
75	Changes in advanced glycation end products, beta-defensin-3, and interleukin-17 during diabetic periodontitis development in rhesus monkeys. Experimental Biology and Medicine, 2018, 243, 684-694.	1.1	6
76	Indispensable role of mitochondria in maintaining the therapeutic potential of curcumin in acute kidney injury. Journal of Cellular and Molecular Medicine, 2021, 25, 9863-9877.	1.6	6
77	High Prevalence of Inconsistent Condom Use With Regular Female Sex Partners Among Heterosexual Male Sexually Transmitted Disease Patients in Southern China. Journal of Sex and Marital Therapy, 2019, 45, 31-43.	1.0	5
78	Seeds in the liver. Acta Histochemica, 2017, 119, 349-356.	0.9	4
79	Glucocorticoid treatment facilitates development of a metabolic syndrome in ovariectomized Macaca Mulatta fed a high fat diet. Steroids, 2017, 128, 105-113.	0.8	4
80	Regulatory Effects of N-3 PUFAs on Pancreatic Î²-cells and Insulin-sensitive Tissues. Current Drug Metabolism, 2021, 22, 1017-1034.	0.7	4
81	FORMATION OF REVERSED MICELLE NANORING BY A DESIGNED SURFACTANT-LIKE PEPTIDE. Nano, 2012, 07, 1250024.	0.5	3
82	The significant prognostic value of ZEB1-AS1 up-regulation in patients with cancer.. Journal of Cancer, 2018, 9, 2502-2509.	1.2	3
83	A Randomized Controlled Trial Evaluating Efficacy of a Brief Setting-Based and Theory-Based Intervention Promoting Voluntary Medical Male Circumcision Among Heterosexual Male Sexually Transmitted Disease Patients in China. AIDS and Behavior, 2019, 23, 2453-2466.	1.4	3
84	RNA sequencing data of Vemurafenib-resistant melanoma cells and parental cells. Data in Brief, 2020, 30, 105610.	0.5	3
85	Barriers to selfâ€management of patients with adenomyosis: AÂqualitative study. Nursing Open, 2022, 9, 1086-1095.	1.1	3
86	Molecular Cloning and Characterization of Rhesus Monkey Platelet Glycoprotein Ibî±, a major ligand-binding subunit of GPIb-IX-V complex. Thrombosis Research, 2014, 133, 817-825.	0.8	2
87	Gene expression profile of vascular ischemia-reperfusion injury in rhesus monkeys. Gene, 2016, 576, 753-762.	1.0	2
88	Immunomodulatory effects of rhesus monkey bone marrow-derived mesenchymal stem cells in serum-free conditions. International Immunopharmacology, 2018, 64, 364-371.	1.7	2
89	FcgRIII Deficiency and FcgRIIb Deficiency Promote Renal Injury in Diabetic Mice. BioMed Research International, 2019, 2019, 1-16.	0.9	2
90	The relationship between birthing related factors and maternal breastfeeding confidence in China. Women and Birth, 2021, 34, 196-202.	0.9	2

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91	Mesenchymal stem cells transplantation attenuates hyperuricemic nephropathy in rats. International Immunopharmacology, 2021, 99, 108000.	1.7	2
92	Cultural competence of nurses in Pudong New Area, Shanghai: a mixed-method study. Frontiers of Nursing, 2020, 7, 119-128.	0.1	1
93	Effect of the labour roadmap on anxiety, labour pain, sense of control, and gestational outcomes in primiparas. Complementary Therapies in Clinical Practice, 2022, 46, 101545.	0.7	1
94	Letter to the editor: the nonnegligible effect of neoadjuvant therapy for patients with borderline resectable pancreatic ductal adenocarcinoma. Gland Surgery, 2021, 10, 2340-2342.	0.5	0
95	Immunomodulatory Effects of Rhesus Monkey Bone Marrowâ€derived Mesenchymal Stem Cells in Serumâ€free Conditions. FASEB Journal, 2018, 32, .	0.2	0
96	Oleic Acid Protected Pancreatic Î²â€Cell Against Saturated Fatty Acid Induced Lipotoxicity. FASEB Journal, 2018, 32, 812.32.	0.2	0
97	Resveratrol Exerts Doseâ€response Antiâ€fibrotic and Proâ€fibrotic Effect in Renal Tubular Epithelial Cells. FASEB Journal, 2018, 32, 849.14.	0.2	0
98	Identification of Senescenceâ€associated Genes in Rhesus Monkey Bone Marrowâ€Derived Mesenchymal Stem Cells Cultured in A Defined Serumâ€free Media. FASEB Journal, 2018, 32, 615.7.	0.2	0
99	Mesenchymal Stem Cells Ameliorate Uric Acid Induced Nephropathy in Rats. FASEB Journal, 2018, 32, 562.13.	0.2	0
100	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.	0.2	0
101	Peritoneal regulatory M2 macrophage therapy for ischemic renal injury. FASEB Journal, 2019, 33, 120.9.	0.2	0
102	Targeted inhibition of mitochondrial ROS maintains TFAM and mitochondrial DNA homeostasis in acute kidney injury. FASEB Journal, 2019, 33, 572.2.	0.2	0
103	Sâ€sulfhydration of SIRT3 by hydrogen sulfide attenuates mitochondrial dysfunction in cisplatinâ€induced acute kidney injury. FASEB Journal, 2019, 33, 794.10.	0.2	0
104	PGC1Î± alleviates mitochondrial dysfunction via TFEBâ€mediated autophagy in acute kidney injury mice. FASEB Journal, 2020, 34, 1-1.	0.2	0
105	Pancreatic Islets Aging in Old Rhesus Monkey. FASEB Journal, 2020, 34, 1-1.	0.2	0
106	Mesenchymal Stem Cells Elicit Macrophages into M2 Phenotype via Improving TFEBâ€mediated Autophagy to Alleviate Diabetic Nephropathy. FASEB Journal, 2020, 34, 1-1.	0.2	0
107	Downâ€regulation of LRRc17 secreted by BMSCs alleviates ageâ€related bone aging through autophagy enhancement. FASEB Journal, 2020, 34, 1-1.	0.2	0
108	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.	0.2	0

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109	Quantitative assessment of renal damage in rhesus monkeys with diabetic nephropathy using contrast-enhanced ultrasound. Annals of Translational Medicine, 2022, 10, 308-308.	0.7	0