

# Yanrong Lu

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

105  
papers

2,101  
citations

27  
h-index

43  
g-index

118  
ext. papers

2,980  
ext. citations

4.9  
avg, IF

5.14  
L-index

#	Paper	IF	Citations
105	The role of Nrf2 in oxidative stress-induced endothelial injuries. <i>Journal of Endocrinology</i> , <b>2015</b> , 225, R83-99	4.7	218
104	Regulation of SIRT1 in aging: Roles in mitochondrial function and biogenesis. <i>Mechanisms of Ageing and Development</i> , <b>2016</b> , 155, 10-21	5.6	155
103	Therapeutic inhibition of mitochondrial reactive oxygen species with mito-TEMPO reduces diabetic cardiomyopathy. <i>Free Radical Biology and Medicine</i> , <b>2016</b> , 90, 12-23	7.8	146
102	Mitochondrial Calpain-1 Disrupts ATP Synthase and Induces Superoxide Generation in Type 1 Diabetic Hearts: A Novel Mechanism Contributing to Diabetic Cardiomyopathy. <i>Diabetes</i> , <b>2016</b> , 65, 255-68 <sup>9</sup>	8.9	82
101	C3a and C5a receptor antagonists ameliorate endothelial-myofibroblast transition via the Wnt/βcatenin signaling pathway in diabetic kidney disease. <i>Metabolism: Clinical and Experimental</i> , <b>2015</b> , 64, 597-610	12.7	76
100	Oleic acid protects saturated fatty acid mediated lipotoxicity in hepatocytes and rat of non-alcoholic steatohepatitis. <i>Life Sciences</i> , <b>2018</b> , 203, 291-304	6.8	59
99	Metformin Uniquely Prevents Thrombosis by Inhibiting Platelet Activation and mtDNA Release. <i>Scientific Reports</i> , <b>2016</b> , 6, 36222	4.9	56
98	Metabonomics revealed xanthine oxidase-induced oxidative stress and inflammation in the pathogenesis of diabetic nephropathy. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 2569-79	4.4	55
97	Mesenchymal stem cells protect islets from hypoxia/reoxygenation-induced injury. <i>Cell Biochemistry and Function</i> , <b>2010</b> , 28, 637-43	4.2	52
96	Mitochondrial ROS promote mitochondrial dysfunction and inflammation in ischemic acute kidney injury by disrupting TFAM-mediated mtDNA maintenance. <i>Theranostics</i> , <b>2021</b> , 11, 1845-1863	12.1	48
95	Mesenchymal stem cell-conditioned media ameliorate diabetic endothelial dysfunction by improving mitochondrial bioenergetics via the Sirt1/AMPK/PGC-1β pathway. <i>Clinical Science</i> , <b>2016</b> , 130, 2181-2198	6.5	43
94	Plasma miRNAs might be promising biomarkers of chronic obstructive pulmonary disease. <i>Clinical Respiratory Journal</i> , <b>2016</b> , 10, 104-11	1.7	39
93	GLP-1 receptor agonist ameliorates obesity-induced chronic kidney injury via restoring renal metabolism homeostasis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0193473	3.7	38
92	Injectable extracellular vesicle-released self-assembling peptide nanofiber hydrogel as an enhanced cell-free therapy for tissue regeneration. <i>Journal of Controlled Release</i> , <b>2019</b> , 316, 93-104	11.7	38
91	Mesenchymal Stem Cell-Derived Extracellular Vesicles Attenuate Mitochondrial Damage and Inflammation by Stabilizing Mitochondrial DNA. <i>ACS Nano</i> , <b>2021</b> , 15, 1519-1538	16.7	38
90	Tissue-specific and plasma microRNA profiles could be promising biomarkers of histological classification and TNM stage in non-small cell lung cancer. <i>Thoracic Cancer</i> , <b>2016</b> , 7, 348-54	3.2	38
89	Oleic acid ameliorates palmitic acid induced hepatocellular lipotoxicity by inhibition of ER stress and pyroptosis. <i>Nutrition and Metabolism</i> , <b>2020</b> , 17, 11	4.6	37

88	Bariatric Surgery-Induced Cardiac and Lipidomic Changes in Obesity-Related Heart Failure with Preserved Ejection Fraction. <i>Obesity</i> , <b>2018</b> , 26, 284-290	8	37
87	Mitochondrial ROS-induced lysosomal dysfunction impairs autophagic flux and contributes to M1 macrophage polarization in a diabetic condition. <i>Clinical Science</i> , <b>2019</b> , 133, 1759-1777	6.5	33
86	Activation of PPAR $\gamma$ protects pancreatic $\beta$ cells from palmitate-induced apoptosis by upregulating the expression of GLP-1 receptor. <i>Cellular Signalling</i> , <b>2014</b> , 26, 268-78	4.9	33
85	Comparison of single high-dose streptozotocin with partial pancreatectomy combined with low-dose streptozotocin for diabetes induction in rhesus monkeys. <i>Experimental Biology and Medicine</i> , <b>2010</b> , 235, 877-85	3.7	31
84	Phloretin ameliorates hyperuricemia-induced chronic renal dysfunction through inhibiting NLRP3 inflammasome and uric acid reabsorption. <i>Phytomedicine</i> , <b>2020</b> , 66, 153111	6.5	30
83	Activation of TFEB-mediated autophagy by trehalose attenuates mitochondrial dysfunction in cisplatin-induced acute kidney injury. <i>Theranostics</i> , <b>2020</b> , 10, 5829-5844	12.1	29
82	Mesenchymal stem cells ameliorate hyperglycemia-induced endothelial injury through modulation of mitophagy. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 837	9.8	28
81	A self-assembling peptide hydrogel-based drug co-delivery platform to improve tissue repair after ischemia-reperfusion injury. <i>Acta Biomaterialia</i> , <b>2020</b> , 103, 102-114	10.8	28
80	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> , <b>2015</b> , 10, 3519-31	7.3	27
79	Macrophage-derived extracellular vesicles: diverse mediators of pathology and therapeutics in multiple diseases. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 924	9.8	27
78	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> , <b>2018</b> , 25, 546-554	7	26
77	Phloretin attenuates hyperuricemia-induced endothelial dysfunction through co-inhibiting inflammation and GLUT9-mediated uric acid uptake. <i>Journal of Cellular and Molecular Medicine</i> , <b>2017</b> , 21, 2553-2562	5.6	24
76	Association of pre-ablation level of potential blood markers with atrial fibrillation recurrence after catheter ablation: a meta-analysis. <i>Europace</i> , <b>2017</b> , 19, 392-400	3.9	24
75	Enhancement of the efficacy of mesenchymal stem cells in the treatment of ischemic diseases. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 109, 2022-2034	7.5	23
74	S-Sulfhydration of SIRT3 by Hydrogen Sulfide Attenuates Mitochondrial Dysfunction in Cisplatin-Induced Acute Kidney Injury. <i>Antioxidants and Redox Signaling</i> , <b>2019</b> , 31, 1302-1319	8.4	22
73	Mesenchymal stem cells-microvesicle-miR-451a ameliorate early diabetic kidney injury by negative regulation of P15 and P19. <i>Experimental Biology and Medicine</i> , <b>2018</b> , 243, 1233-1242	3.7	22
72	Sustained release of hepatocyte growth factor by cationic self-assembling peptide/heparin hybrid hydrogel improves $\beta$ cell survival and function through modulating inflammatory response. <i>International Journal of Nanomedicine</i> , <b>2016</b> , 11, 4875-4890	7.3	21
71	Resveratrol exerts dose-dependent anti-fibrotic or pro-fibrotic effects in kidneys: A potential risk to individuals with impaired kidney function. <i>Phytomedicine</i> , <b>2019</b> , 57, 223-235	6.5	20

70	Intervention for early diabetic nephropathy by mesenchymal stem cells in a preclinical nonhuman primate model. <i>Stem Cell Research and Therapy</i> , <b>2019</b> , 10, 363	8.3	19
69	Itraconazole Induces Regression of Infantile Hemangioma via Downregulation of the Platelet-Derived Growth Factor-D/PI3K/Akt/mTOR Pathway. <i>Journal of Investigative Dermatology</i> , <b>2019</b> , 139, 1574-1582	4.3	18
68	Mesenchymal stem cells elicit macrophages into M2 phenotype via improving transcription factor EB-mediated autophagy to alleviate diabetic nephropathy. <i>Stem Cells</i> , <b>2020</b> , 38, 639-652	5.8	18
67	Extracellular vesicle-based therapeutics for the regeneration of chronic wounds: current knowledge and future perspectives. <i>Acta Biomaterialia</i> , <b>2021</b> , 119, 42-56	10.8	18
66	Expression of miRNA-140 in Chondrocytes and Synovial Fluid of Knee Joints in Patients with Osteoarthritis. <i>Chinese Medical Sciences Journal</i> , <b>2016</b> , 31, 207-212	1.3	17
65	Homozygous GNAL mutation associated with familial childhood-onset generalized dystonia. <i>Neurology: Genetics</i> , <b>2016</b> , 2, e78	3.8	17
64	Peripheral infusion of human umbilical cord mesenchymal stem cells rescues acute liver failure lethality in monkeys. <i>Stem Cell Research and Therapy</i> , <b>2019</b> , 10, 84	8.3	16
63	Efficacy and safety of iguratimod for the treatment of rheumatoid arthritis. <i>Clinical and Developmental Immunology</i> , <b>2013</b> , 2013, 310628		15
62	Oleic acid protects insulin-secreting INS-1E cells against palmitic acid-induced lipotoxicity along with an amelioration of ER stress. <i>Endocrine</i> , <b>2019</b> , 64, 512-524	4	15
61	Polyacetylene glycoside attenuates ischemic kidney injury by co-inhibiting inflammation, mitochondria dysfunction and lipotoxicity. <i>Life Sciences</i> , <b>2018</b> , 204, 55-64	6.8	14
60	Mesenchymal Stem Cells Ameliorated Glucolipotoxicity in HUVECs through TSG-6. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17, 483	6.3	14
59	Mesenchymal Stem Cells Attenuate Diabetic Lung Fibrosis via Adjusting Sirt3-Mediated Stress Responses in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 8076105	6.7	12
58	A preclinical evaluation of alternative site for islet allotransplantation. <i>PLoS ONE</i> , <b>2017</b> , 12, e0174505	3.7	12
57	Mitochondrial transfer from mesenchymal stem cells to macrophages restricts inflammation and alleviates kidney injury in diabetic nephropathy mice via PGC-1 $\alpha$ activation. <i>Stem Cells</i> , <b>2021</b> , 39, 913-928	5.8	12
56	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> , <b>2020</b> , 24, 3314-3327	5.6	11
55	Mesenchymal stem cells alleviate rat diabetic nephropathy by suppressing CD103 DCs-mediated CD8 T cell responses. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 5817-5831	5.6	11
54	Concurrent lipidomics and proteomics on malignant plasma cells from multiple myeloma patients: Probing the lipid metabolome. <i>PLoS ONE</i> , <b>2020</b> , 15, e0227455	3.7	11
53	MSCs promote the development and improve the function of neonatal porcine islet grafts. <i>FASEB Journal</i> , <b>2018</b> , 32, 3242-3253	0.9	10

52	Willingness to Receive COVID-19 Vaccination Among People Living With HIV and AIDS in China: Nationwide Cross-sectional Online Survey. <i>JMIR Public Health and Surveillance</i> , <b>2021</b> , 7, e31125	11.4	10
51	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> , <b>2015</b> , 456, 139-44	3.4	9
50	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> , <b>2021</b> , 25, 2976-2993	5.6	9
49	Large-scale in vitro expansion of human regulatory T cells with potent xenoantigen-specific suppression. <i>Cytotechnology</i> , <b>2016</b> , 68, 935-45	2.2	7
48	Circulating monocytes accelerate acute liver failure by IL-6 secretion in monkey. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 4056-4067	5.6	7
47	Complement C5 activation promotes type 2 diabetic kidney disease via activating STAT3 pathway and disrupting the gut-kidney axis. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 960-974	5.6	7
46	LRRc17 controls BMSC senescence via mitophagy and inhibits the therapeutic effect of BMSCs on ovariectomy-induced bone loss. <i>Redox Biology</i> , <b>2021</b> , 43, 101963	11.3	7
45	MSCs protect endothelial cells from inflammatory injury partially by secreting STC1. <i>International Immunopharmacology</i> , <b>2018</b> , 61, 109-118	5.8	6
44	PGC-1 $\beta$ alleviates mitochondrial dysfunction via TFEB-mediated autophagy in cisplatin-induced acute kidney injury. <i>Aging</i> , <b>2021</b> , 13, 8421-8439	5.6	5
43	Seeds in the liver. <i>Acta Histochemica</i> , <b>2017</b> , 119, 349-356	2	4
42	Protein-Protein Affinity Determination by Quantitative FRET Quenching. <i>Scientific Reports</i> , <b>2019</b> , 9, 20504.9	4.9	4
41	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> , <b>2020</b> , 390, 111942	4.2	4
40	High Prevalence of Inconsistent Condom Use With Regular Female Sex Partners Among Heterosexual Male Sexually Transmitted Disease Patients in Southern China. <i>Journal of Sex and Marital Therapy</i> , <b>2019</b> , 45, 31-43	2.7	4
39	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> , <b>2020</b> , 319, E961-E980	6	4
38	Dual Inhibition of MAPK and JAK2/STAT3 Pathways Is Critical for the Treatment of BRAF Mutant Melanoma. <i>Molecular Therapy - Oncolytics</i> , <b>2020</b> , 18, 100-108	6.4	4
37	Injectable self-assembling peptide nanofiber hydrogel as a bioactive 3D platform to promote chronic wound tissue regeneration. <i>Acta Biomaterialia</i> , <b>2021</b> , 135, 100-112	10.8	4
36	Glucocorticoid treatment facilitates development of a metabolic syndrome in ovariectomized Macaca Mulatta fed a high fat diet. <i>Steroids</i> , <b>2017</b> , 128, 105-113	2.8	3
35	EB 2017 Article: Changes in advanced glycation end products, beta-defensin-3, and interleukin-17 during diabetic periodontitis development in rhesus monkeys. <i>Experimental Biology and Medicine</i> , <b>2018</b> , 243, 684-694	3.7	3

34	The significant prognostic value of ZEB1-AS1 up-regulation in patients with cancer. <i>Journal of Cancer</i> , <b>2018</b> , 9, 2502-2509	4.5	3
33	FORMATION OF REVERSED MICELLE NANORING BY A DESIGNED SURFACTANT-LIKE PEPTIDE. <i>Nano</i> , <b>2012</b> , 07, 1250024	1.1	3
32	Cell aging and age-related diabetes. <i>Aging</i> , <b>2021</b> , 13, 7691-7706	5.6	3
31	Gene expression profile of vascular ischemia-reperfusion injury in rhesus monkeys. <i>Gene</i> , <b>2016</b> , 576, 753-758	5.8	2
30	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. <i>AIDS and Behavior</i> , <b>2019</b> , 23, 2453-2466	4.3	2
29	Immunomodulatory effects of rhesus monkey bone marrow-derived mesenchymal stem cells in serum-free conditions. <i>International Immunopharmacology</i> , <b>2018</b> , 64, 364-371	5.8	2
28	Indispensable role of mitochondria in maintaining the therapeutic potential of curcumin in acute kidney injury. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 9863-9877	5.6	2
27	Elevated branched-chain keto acids exacerbate macrophage oxidative stress and chronic inflammatory damage in type 2 diabetes mellitus. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 175, 141-154	7.8	2
26	RNA sequencing data of Vemurafenib-resistant melanoma cells and parental cells. <i>Data in Brief</i> , <b>2020</b> , 30, 105610	1.2	1
25	Molecular cloning and characterization of rhesus monkey platelet glycoprotein Ib $\alpha$ major ligand-binding subunit of GPIb-IX-V complex. <i>Thrombosis Research</i> , <b>2014</b> , 133, 817-25	8.2	1
24	Effect of the labour roadmap on anxiety, labour pain, sense of control, and gestational outcomes in primiparas.. <i>Complementary Therapies in Clinical Practice</i> , <b>2022</b> , 46, 101545	3.5	1
23	Barriers to self-management of patients with adenomyosis: A qualitative study. <i>Nursing Open</i> , <b>2021</b> ,	2.1	1
22	Cultural competence of nurses in Pudong New Area, Shanghai: a mixed-method study. <i>Frontiers of Nursing</i> , <b>2020</b> , 7, 119-128	0.4	1
21	The relationship between birthing related factors and maternal breastfeeding confidence in China. <i>Women and Birth</i> , <b>2021</b> , 34, 196-202	3.3	1
20	An overview of dietary supplements on obesity and type 2 diabetes: efficacy and mechanisms. <i>Current Drug Metabolism</i> , <b>2021</b> ,	3.5	1
19	Factors associated with post NICU discharge exclusive breastfeeding rate and duration amongst first time mothers of preterm infants in Shanghai: a longitudinal cohort study.. <i>International Breastfeeding Journal</i> , <b>2022</b> , 17, 34	3.8	1
18	FcgRIII Deficiency and FcgRIIb Deficiency Promote Renal Injury in Diabetic Mice. <i>BioMed Research International</i> , <b>2019</b> , 2019, 3514574	3	0
17	Mitochondrial-Associated Protein LRPPRC is Related With Poor Prognosis Potentially and Exerts as an Oncogene Maintaining Mitochondrial Function in Pancreatic Cancer.. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 817672	4.5	0

16	PGC1 $\beta$ alleviates mitochondrial dysfunction via TFEB-mediated autophagy in acute kidney injury mice. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9
15	Pancreatic Islets Aging in Old Rhesus Monkey. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9
14	Mesenchymal Stem Cells Elicit Macrophages into M2 Phenotype via Improving TFEB-mediated Autophagy to Alleviate Diabetic Nephropathy. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9
13	Down-regulation of LRRc17 secreted by BMSCs alleviates age-related bone aging through autophagy enhancement. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9
12	Co-Delivery of Anti-Inflammatory and Proliferative Agents by Injectable Hydrogel to Promote Tissue Repair after Acute Kidney Injury. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9
11	Oleic Acid Protected Pancreatic $\beta$ Cell Against Saturated Fatty Acid Induced Lipotoxicity. <i>FASEB Journal</i> , <b>2018</b> , 32, 812.32	0.9
10	Resveratrol Exerts Dose-response Anti-fibrotic and Pro-fibrotic Effect in Renal Tubular Epithelial Cells. <i>FASEB Journal</i> , <b>2018</b> , 32, 849.14	0.9
9	Identification of Senescence-associated Genes in Rhesus Monkey Bone Marrow-Derived Mesenchymal Stem Cells Cultured in A Defined Serum-free Media. <i>FASEB Journal</i> , <b>2018</b> , 32, 615.7	0.9
8	Mesenchymal Stem Cells Ameliorate Uric Acid Induced Nephropathy in Rats. <i>FASEB Journal</i> , <b>2018</b> , 32, 562.13	0.9
7	Mesenchymal stem cells improve renal injury in diabetic rats by inhibiting CD103+DCs maturation to decline CD8 + T cell responses. <i>FASEB Journal</i> , <b>2019</b> , 33, 662.24	0.9
6	Peritoneal regulatory M2 macrophage therapy for ischemic renal injury. <i>FASEB Journal</i> , <b>2019</b> , 33, 120.9	0.9
5	Targeted inhibition of mitochondrial ROS maintains TFAM and mitochondrial DNA homeostasis in acute kidney injury. <i>FASEB Journal</i> , <b>2019</b> , 33, 572.2	0.9
4	S-sulfhydration of SIRT3 by hydrogen sulfide attenuates mitochondrial dysfunction in cisplatin-induced acute kidney injury. <i>FASEB Journal</i> , <b>2019</b> , 33, 794.10	0.9
3	Letter to the editor: the nonnegligible effect of neoadjuvant therapy for patients with borderline resectable pancreatic ductal adenocarcinoma. <i>Gland Surgery</i> , <b>2021</b> , 10, 2340-2342	2.2
2	Mesenchymal stem cells transplantation attenuates hyperuricemic nephropathy in rats. <i>International Immunopharmacology</i> , <b>2021</b> , 99, 108000	5.8
1	Quantitative assessment of renal damage in rhesus monkeys with diabetic nephropathy using contrast-enhanced ultrasound.. <i>Annals of Translational Medicine</i> , <b>2022</b> , 10, 308	3.2