

# Xue-Yuan Bai

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

5,506  
citations

516710

16  
h-index

414414

32  
g-index

39  
all docs

39  
docs citations

39  
times ranked

14687  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	miR-335 and miR-34a Promote Renal Senescence by Suppressing Mitochondrial Antioxidative Enzymes. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 1252-1261.	6.1	197
3	Short-term calorie restriction protects against renal senescence of aged rats by increasing autophagic activity and reducing oxidative damage. <i>Mechanisms of Ageing and Development</i> , 2013, 134, 570-579.	4.6	71
4	The combination of metformin and 2-deoxyglucose significantly inhibits cyst formation in miniature pigs with polycystic kidney disease. <i>British Journal of Pharmacology</i> , 2019, 176, 711-724.	5.4	49
5	Rapamycin protects against gentamicin-induced acute kidney injury via autophagy in mini-pig models. <i>Scientific Reports</i> , 2015, 5, 11256.	3.3	47
6	miR-184 and miR-150 promote renal glomerular mesangial cell aging by targeting Rab1a and Rab31. <i>Experimental Cell Research</i> , 2015, 336, 192-203.	2.6	43
7	miR-34a regulates mesangial cell proliferation via the PDGFR- $\beta$ /Ras-MAPK signaling pathway. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 4027-4042.	5.4	34
8	Role of Toll-like receptors in diabetic renal lesions in a miniature pig model. <i>Science Advances</i> , 2015, 1, e1400183.	10.3	33
9	Beneficial Effects of Caloric Restriction on Chronic Kidney Disease in Rodent Models: A Meta-Analysis and Systematic Review. <i>PLoS ONE</i> , 2015, 10, e0144442.	2.5	30
10	Multifunctional Natural Polymer Nanoparticles as Antifibrotic Gene Carriers for CKD Therapy. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2292-2311.	6.1	29
11	Changes in the Expression of the Toll-Like Receptor System in the Aging Rat Kidneys. <i>PLoS ONE</i> , 2014, 9, e96351.	2.5	26
12	Hydrogen sulfide mediates the protection of dietary restriction against renal senescence in aged F344 rats. <i>Scientific Reports</i> , 2016, 6, 30292.	3.3	26
13	The Expression Changes of Inflammasomes in the Aging Rat Kidneys. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 747-756.	3.6	26
14	Low-dose 2-deoxyglucose and metformin synergically inhibit proliferation of human polycystic kidney cells by modulating glucose metabolism. <i>Cell Death Discovery</i> , 2019, 5, 76.	4.7	26
15	<i>PKD1</i> Mono-Allelic Knockout Is Sufficient to Trigger Renal Cystogenesis in a Mini-Pig Model. <i>International Journal of Biological Sciences</i> , 2015, 11, 361-369.	6.4	25
16	The role of transcriptional factor D-site-binding protein in circadian CCL2 gene expression in anti-Thy1 nephritis. <i>Cellular and Molecular Immunology</i> , 2019, 16, 735-745.	10.5	22
17	Chlorzoxazone, a small molecule drug, augments immunosuppressive capacity of mesenchymal stem cells via modulation of FOXO3 phosphorylation. <i>Cell Death and Disease</i> , 2020, 11, 158.	6.3	18
18	Autophagy and Diabetic Nephropathy. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1207, 487-494.	1.6	17

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19	The changes in glucose metabolism and cell proliferation in the kidneys of polycystic kidney disease mini-pig models. <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 374-381.	2.1	14
20	Autophagy and Acute Kidney Injury. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1207, 469-480.	1.6	11
21	STAT3 Inhibition Partly Abolishes IL-33-Induced Bone Marrow-Derived Monocyte Phenotypic Transition into Fibroblast Precursor and Alleviates Experimental Renal Interstitial Fibrosis. <i>Journal of Immunology</i> , 2019, 203, 2644-2654.	0.8	10
22	Metanephric mesenchyme-derived Foxd1+ mesangial precursor cells alleviate mesangial proliferative glomerulonephritis. <i>Journal of Molecular Medicine</i> , 2019, 97, 553-561.	3.9	10
23	B lymphocytes in renal interstitial fibrosis. <i>Journal of Cell Communication and Signaling</i> , 2017, 11, 213-218.	3.4	9
24	Disruption of Robo2-Baiap2 integrated signaling drives cystic disease. <i>JCI Insight</i> , 2019, 4, .	5.0	7
25	Modulation of Macrophage Polarization by Human Glomerular Mesangial Cells in Response to the Stimuli in Renal Microenvironment. <i>Journal of Interferon and Cytokine Research</i> , 2018, 38, 566-577.	1.2	6
26	NaDC3 Induces Premature Cellular Senescence by Promoting Transport of Krebs Cycle Intermediates, Increasing NADH, and Exacerbating Oxidative Damage. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1-12.	3.6	5
27	Identification of proteins potentially associated with renal aging in rats. <i>Aging</i> , 2018, 10, 1192-1205.	3.1	4
28	Exogenous biological renal support ameliorates renal pathology after ischemia reperfusion injury in elderly mice. <i>Aging</i> , 2019, 11, 2031-2044.	3.1	3
29	Autophagy and Glomerular Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1207, 481-486.	1.6	2
30	Role of NOD-Like Receptors in a Miniature Pig Model of Diabetic Renal Injuries. <i>Mediators of Inflammation</i> , 2022, 2022, 1-9.	3.0	2
31	Ganab Haploinsufficiency Does Not Cause Polycystic Kidney Disease or Polycystic Liver Disease in Mice. <i>BioMed Research International</i> , 2020, 2020, 1-7.	1.9	1
32	Establishment of PLAFMCI005-A induced pluripotent stem cells derived from PBMC from a patient with renal cysts and diabetes syndrome. <i>Stem Cell Research</i> , 2021, 55, 102485.	0.7	1
33	Establishment of the induced pluripotent stem cell line PLAFMCI006-A from peripheral blood mononuclear cells of polycystic kidney disease patients with PKD2 gene mutation. <i>Stem Cell Research</i> , 2022, 60, 102681.	0.7	1
34	Generation of induced pluripotent stem cell PLAFMCI002-A derived from peripheral blood mononuclear cells of polycystic kidney disease patient with PKD1 mutation. <i>Stem Cell Research</i> , 2020, 49, 102039.	0.7	0
35	ROBO2-mediated RALDH2 signaling is required for common nephric duct fusion with primitive bladder. <i>Developmental Biology</i> , 2020, 464, 103-110.	2.0	0
36	Establishment of PLAFMCI004-A induced pluripotent stem cells derived from PBMCs from a healthy individual. <i>Stem Cell Research</i> , 2021, 53, 102316.	0.7	0

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37	Establishment of PLAFMCi007-A, an induced pluripotent stem cell line, from peripheral blood mononuclear cells (PBMCs) of a healthy adult woman. Stem Cell Research, 2022, 61, 102760.	0.7	0