

# Junwei Yang

## 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.

57  
papers

2,216  
citations

25  
h-index

47  
g-index

59  
ext. papers

2,714  
ext. citations

5.9  
avg, IF

4.88  
L-index

#	Paper	IF	Citations
57	Dissection of key events in tubular epithelial to myofibroblast transition and its implications in renal interstitial fibrosis. <i>American Journal of Pathology</i> , <b>2001</b> , 159, 1465-75	5.8	700
56	WNT/ $\beta$ -catenin signaling promotes VSMCs to osteogenic transdifferentiation and calcification through directly modulating Runx2 gene expression. <i>Experimental Cell Research</i> , <b>2016</b> , 345, 206-17	4.2	124
55	Metformin Protects Against Cisplatin-Induced Tubular Cell Apoptosis and Acute Kidney Injury via AMPK $\beta$ -regulated Autophagy Induction. <i>Scientific Reports</i> , <b>2016</b> , 6, 23975	4.9	91
54	Wnt/ $\beta$ -Catenin-Promoted Macrophage Alternative Activation Contributes to Kidney Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2018</b> , 29, 182-193	12.7	86
53	Inhibiting aerobic glycolysis suppresses renal interstitial fibroblast activation and renal fibrosis. <i>American Journal of Physiology - Renal Physiology</i> , <b>2017</b> , 313, F561-F575	4.3	85
52	A microRNA-30e/mitochondrial uncoupling protein 2 axis mediates TGF $\beta$ -induced tubular epithelial cell extracellular matrix production and kidney fibrosis. <i>Kidney International</i> , <b>2013</b> , 84, 285-96	9.9	74
51	Rictor/mTORC2 signaling mediates TGF $\beta$ -induced fibroblast activation and kidney fibrosis. <i>Kidney International</i> , <b>2015</b> , 88, 515-27	9.9	64
50	Urinary microRNA-10a and microRNA-30d serve as novel, sensitive and specific biomarkers for kidney injury. <i>PLoS ONE</i> , <b>2012</b> , 7, e51140	3.7	63
49	Rheb/mTORC1 signaling promotes kidney fibroblast activation and fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2013</b> , 24, 1114-26	12.7	63
48	The signaling protein Wnt5a promotes TGF $\beta$ -mediated macrophage polarization and kidney fibrosis by inducing the transcriptional regulators Yap/Taz. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 19290-19302	5.4	60
47	miR-21-containing microvesicles from injured tubular epithelial cells promote tubular phenotype transition by targeting PTEN protein. <i>American Journal of Pathology</i> , <b>2013</b> , 183, 1183-1196	5.8	58
46	miR-125b/Ets1 axis regulates transdifferentiation and calcification of vascular smooth muscle cells in a high-phosphate environment. <i>Experimental Cell Research</i> , <b>2014</b> , 322, 302-12	4.2	48
45	Rictor/mTORC2 protects against cisplatin-induced tubular cell death and acute kidney injury. <i>Kidney International</i> , <b>2014</b> , 86, 86-102	9.9	47
44	Circulatory mitochondrial DNA is a pro-inflammatory agent in maintenance hemodialysis patients. <i>PLoS ONE</i> , <b>2014</b> , 9, e113179	3.7	43
43	Blockade of CD38 diminishes lipopolysaccharide-induced macrophage classical activation and acute kidney injury involving NF- $\kappa$ B signaling suppression. <i>Cellular Signalling</i> , <b>2018</b> , 42, 249-258	4.9	40
42	Quercetin Inhibits Fibroblast Activation and Kidney Fibrosis Involving the Suppression of Mammalian Target of Rapamycin and $\beta$ -catenin Signaling. <i>Scientific Reports</i> , <b>2016</b> , 6, 23968	4.9	39
41	Secreted fibroblast-derived miR-34a induces tubular cell apoptosis in fibrotic kidney. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 4494-506	5.3	38

40	UCP2 attenuates apoptosis of tubular epithelial cells in renal ischemia-reperfusion injury. <i>American Journal of Physiology - Renal Physiology</i> , <b>2017</b> , 313, F926-F937	4.3	35
39	Genipin inhibits mitochondrial uncoupling protein 2 expression and ameliorates podocyte injury in diabetic mice. <i>PLoS ONE</i> , <b>2012</b> , 7, e41391	3.7	33
38	Autophagy inhibition induces podocyte apoptosis by activating the pro-apoptotic pathway of endoplasmic reticulum stress. <i>Experimental Cell Research</i> , <b>2014</b> , 322, 290-301	4.2	30
37	Sodium-glucose cotransporter 2 inhibition suppresses HIF-1 $\beta$ -mediated metabolic switch from lipid oxidation to glycolysis in kidney tubule cells of diabetic mice. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 390	9.8	29
36	UCP2-dependent improvement of mitochondrial dynamics protects against acute kidney injury. <i>Journal of Pathology</i> , <b>2019</b> , 247, 392-405	9.4	29
35	Yap/Taz mediates mTORC2-stimulated fibroblast activation and kidney fibrosis. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 16364-16375	5.4	26
34	PDE/cAMP/Epac/C/EBP- $\beta$ Signaling Cascade Regulates Mitochondria Biogenesis of Tubular Epithelial Cells in Renal Fibrosis. <i>Antioxidants and Redox Signaling</i> , <b>2018</b> , 29, 637-652	8.4	26
33	Non-Proximal Renal Tubule-Derived Urinary Exosomal miR-200b as a Biomarker of Renal Fibrosis. <i>Nephron</i> , <b>2018</b> , 139, 269-282	3.3	25
32	The feedback loop between miR-21, PDCD4 and AP-1 functions as a driving force for renal fibrogenesis. <i>Journal of Cell Science</i> , <b>2018</b> , 131,	5.3	22
31	Erythropoietin protects the tubular basement membrane by promoting the bone marrow to release extracellular vesicles containing tPA-targeting miR-144. <i>American Journal of Physiology - Renal Physiology</i> , <b>2016</b> , 310, F27-40	4.3	20
30	Fibroblast mTOR/PPAR $\gamma$ /HGF axis protects against tubular cell death and acute kidney injury. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 2774-2789	12.7	18
29	Aristolochic acid causes albuminuria by promoting mitochondrial DNA damage and dysfunction in podocyte. <i>PLoS ONE</i> , <b>2013</b> , 8, e83408	3.7	18
28	FHL2 promotes tubular epithelial-to-mesenchymal transition through modulating Eatenin signalling. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 1684-1695	5.6	18
27	Rictor/mammalian target of rapamycin complex 2 promotes macrophage activation and kidney fibrosis. <i>Journal of Pathology</i> , <b>2017</b> , 242, 488-499	9.4	17
26	UCP2-induced hypoxia promotes lipid accumulation and tubulointerstitial fibrosis during ischemic kidney injury. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 26	9.8	15
25	Circulating MiR-133a as a biomarker predicts cardiac hypertrophy in chronic hemodialysis patients. <i>PLoS ONE</i> , <b>2014</b> , 9, e103079	3.7	15
24	Lipocalin-2 derived from adipose tissue mediates aldosterone-induced renal injury. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	14
23	Mammalian target of rapamycin complex 1 activation in podocytes promotes cellular crescent formation. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 307, F1023-32	4.3	13

22	Relationship between parathyroid mass and parathyroid hormone level in hemodialysis patients with secondary hyperparathyroidism. <i>BMC Nephrology</i> , <b>2015</b> , 16, 82	2.7	12
21	Tubule-derived lactate is required for fibroblast activation in acute kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , <b>2020</b> , 318, F689-F701	4.3	10
20	Urinary mitochondrial DNA: A potential early biomarker of diabetic nephropathy. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2019</b> , 35, e3131	7.5	9
19	Role of pyruvate kinase M2-mediated metabolic reprogramming during podocyte differentiation. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 355	9.8	8
18	Deletion of FHL2 in fibroblasts attenuates fibroblasts activation and kidney fibrosis via restraining TGF- $\beta$ -induced Wnt/ $\beta$ -catenin signaling. <i>Journal of Molecular Medicine</i> , <b>2020</b> , 98, 291-307	5.5	8
17	Tuberous sclerosis 1 (Tsc1) mediated mTORC1 activation promotes glycolysis in tubular epithelial cells in kidney fibrosis. <i>Kidney International</i> , <b>2020</b> , 98, 686-698	9.9	7
16	Uncontrolled hypertension associates with subclinical cerebrovascular health globally: a multimodal imaging study. <i>European Radiology</i> , <b>2021</b> , 31, 2233-2241	8	7
15	Extracellular vesicles and exosomes generated from cystic renal epithelial cells promote cyst growth in autosomal dominant polycystic kidney disease. <i>Nature Communications</i> , <b>2021</b> , 12, 4548	17.4	6
14	Effect of parathyroid hormone on serum magnesium levels: the neglected relationship in hemodialysis patients with secondary hyperparathyroidism. <i>Renal Failure</i> , <b>2016</b> , 38, 50-6	2.9	5
13	Pyruvate kinase M2 mediates fibroblast proliferation to promote tubular epithelial cell survival in acute kidney injury. <i>FASEB Journal</i> , <b>2021</b> , 35, e21706	0.9	4
12	Elevated circulating growth differentiation factor 15 is related to decreased heart rate variability in chronic kidney disease patients. <i>Renal Failure</i> , <b>2021</b> , 43, 340-346	2.9	3
11	Association between metabolic syndrome components and chronic kidney disease among 37,533 old Chinese individuals. <i>International Urology and Nephrology</i> , <b>2021</b> , 1	2.3	2
10	Risk Factors for Severe Hypocalcemia in Patients with Secondary Hyperparathyroidism after Total Parathyroidectomy. <i>International Journal of Endocrinology</i> , <b>2021</b> , 2021, 6613659	2.7	2
9	Plasma Metabolomics Profiling in Maintenance Hemodialysis Patients Based on Liquid Chromatography Quadrupole Time-of-Flight Mass Spectrometry. <i>Kidney Diseases (Basel, Switzerland)</i> , <b>2020</b> , 6, 125-134	3.3	2
8	SGLT2 inhibitor counteracts NLRP3 inflammasome via tubular metabolite itaconate in fibrosis kidney. <i>FASEB Journal</i> , <b>2022</b> , 36, e22078	0.9	2
7	Implications of microRNA in kidney metabolic disorders. <i>ExRNA</i> , <b>2020</b> , 2,	4.2	1
6	Extracellular RNA in renal diseases. <i>ExRNA</i> , <b>2019</b> , 1,	4.2	1
5	Urinary sodium and potassium excretion and cerebrovascular health: a multimodal imaging study. <i>European Journal of Nutrition</i> , <b>2021</b> , 60, 4555-4563	5.2	0

4	CPT1 $\beta$ maintains phenotype of tubules via mitochondrial respiration during kidney injury and repair. <i>Cell Death and Disease</i> , <b>2021</b> , 12, 792	9.8	o
3	Sirtuin 3 regulates mitochondrial protein acetylation and metabolism in tubular epithelial cells during renal fibrosis. <i>Cell Death and Disease</i> , <b>2021</b> , 12, 847	9.8	o
2	Resveratrol ameliorates high-phosphate-induced VSMCs to osteoblast-like cells transdifferentiation and arterial medial calcification in CKD through regulating Wnt/ $\beta$ catenin signaling.. <i>European Journal of Pharmacology</i> , <b>2022</b> , 174953	5.3	o
1	Serum PTH Associated with Malnutrition Determined by Bioelectrical Impedance Technology in Chronic Kidney Disease Patients.. <i>International Journal of Endocrinology</i> , <b>2022</b> , 2022, 1222480	2.7	