Junwei Yang

List of Publications by Year
in descending order

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58 papers	3,157 citations	172457 29 h-index	161849 54 g-index
59 all docs	59 docs citations	59 times ranked	4523 citing authors

#	Article	IF	Citations
1	Dissection of Key Events in Tubular Epithelial to Myofibroblast Transition and Its Implications in Renal Interstitial Fibrosis. American Journal of Pathology, 2001, 159, 1465-1475.	3.8	773
2	WNT/Î²-catenin signaling promotes VSMCs to osteogenic transdifferentiation and calcification through directly modulating Runx2 gene expression. Experimental Cell Research, 2016, 345, 206-217.	2.6	165
3	Inhibiting aerobic glycolysis suppresses renal interstitial fibroblast activation and renal fibrosis. American Journal of Physiology - Renal Physiology, 2017, 313, F561-F575.	2.7	159
4	Wnt/Î²-Cateninâ€“Promoted Macrophage Alternative Activation Contributes to Kidney Fibrosis. Journal of the American Society of Nephrology: JASN, 2018, 29, 182-193.	6.1	159
5	Metformin Protects Against Cisplatin-Induced Tubular Cell Apoptosis and Acute Kidney Injury via AMPKÎ±-regulated Autophagy Induction. Scientific Reports, 2016, 6, 23975.	3.3	115
6	The signaling protein Wnt5a promotes TGFÎ²1-mediated macrophage polarization and kidney fibrosis by inducing the transcriptional regulators Yap/Taz. Journal of Biological Chemistry, 2018, 293, 19290-19302.	3.4	99
7	Sodiumâ€“glucose cotransporter 2 inhibition suppresses HIF-1Î±-mediated metabolic switch from lipid oxidation to glycolysis in kidney tubule cells of diabetic mice. Cell Death and Disease, 2020, 11, 390.	6.3	91
8	A microRNA-30e/mitochondrial uncoupling protein 2 axis mediates TGF-Î²1-induced tubular epithelial cell extracellular matrix production and kidney fibrosis. Kidney International, 2013, 84, 285-296.	5.2	88
9	Rictor/mTORC2 signaling mediates TGFÎ²1-induced fibroblast activation and kidney fibrosis. Kidney International, 2015, 88, 515-527.	5.2	80
10	Urinary MicroRNA-10a and MicroRNA-30d Serve as Novel, Sensitive and Specific Biomarkers for Kidney Injury. PLoS ONE, 2012, 7, e51140.	2.5	78
11	Rheb/mTORC1 Signaling Promotes Kidney Fibroblast Activation and Fibrosis. Journal of the American Society of Nephrology: JASN, 2013, 24, 1114-1126.	6.1	75
12	miR-21â€“Containing Microvesicles from Injured Tubular Epithelial Cells Promote Tubular Phenotype Transition by Targeting PTEN Protein. American Journal of Pathology, 2013, 183, 1183-1196.	3.8	65
13	Blockade of CD38 diminishes lipopolysaccharide-induced macrophage classical activation and acute kidney injury involving NF-Î¹B signaling suppression. Cellular Signalling, 2018, 42, 249-258.	3.6	60
14	Rictor/mTORC2 protects against cisplatin-induced tubular cell death and acute kidney injury. Kidney International, 2014, 86, 86-102.	5.2	58
15	miR-125b/Ets1 axis regulates transdifferentiation and calcification of vascular smooth muscle cells in a high-phosphate environment. Experimental Cell Research, 2014, 322, 302-312.	2.6	57
16	Circulatory Mitochondrial DNA Is a Pro-Inflammatory Agent in Maintenance Hemodialysis Patients. PLoS ONE, 2014, 9, e113179.	2.5	52
17	Quercetin Inhibits Fibroblast Activation and Kidney Fibrosis Involving the Suppression of Mammalian Target of Rapamycin and Î²-catenin Signaling. Scientific Reports, 2016, 6, 23968.	3.3	50
18	Secreted fibroblast miR-34a induces tubular cell apoptosis in fibrotic kidney. Journal of Cell Science, 2014, 127, 4494-506.	2.0	46

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19	UCP2 attenuates apoptosis of tubular epithelial cells in renal ischemia-reperfusion injury. American Journal of Physiology - Renal Physiology, 2017, 313, F926-F937.	2.7	46
20	Genipin Inhibits Mitochondrial Uncoupling Protein 2 Expression and Ameliorates Podocyte Injury in Diabetic Mice. PLoS ONE, 2012, 7, e41391.	2.5	44
21	PDE/cAMP/Epac/C/EBP-Î² Signaling Cascade Regulates Mitochondria Biogenesis of Tubular Epithelial Cells in Renal Fibrosis. Antioxidants and Redox Signaling, 2018, 29, 637-652.	5.4	44
22	Yap/Taz mediates mTORC2-stimulated fibroblast activation and kidney fibrosis. Journal of Biological Chemistry, 2018, 293, 16364-16375.	3.4	43
23	Non-Proximal Renal Tubule-Derived Urinary Exosomal miR-200b as a Biomarker of Renal Fibrosis. Nephron, 2018, 139, 269-282.	1.8	42
24	Extracellular vesicles and exosomes generated from cystic renal epithelial cells promote cyst growth in autosomal dominant polycystic kidney disease. Nature Communications, 2021, 12, 4548.	12.8	42
25	UCP2â€dependent improvement of mitochondrial dynamics protects against acute kidney injury. Journal of Pathology, 2019, 247, 392-405.	4.5	39
26	Autophagy inhibition induces podocyte apoptosis by activating the pro-apoptotic pathway of endoplasmic reticulum stress. Experimental Cell Research, 2014, 322, 290-301.	2.6	37
27	SGLT2 inhibitor counteracts NLRP3 inflammasome via tubular metabolite itaconate in fibrosis kidney. FASEB Journal, 2022, 36, e22078.	0.5	37
28	Role of pyruvate kinase M2-mediated metabolic reprogramming during podocyte differentiation. Cell Death and Disease, 2020, 11, 355.	6.3	35
29	UCP2-induced hypoxia promotes lipid accumulation and tubulointerstitial fibrosis during ischemic kidney injury. Cell Death and Disease, 2020, 11, 26.	6.3	32
30	The miR-21/PDCD4/AP-1 feedback loop function as a driving force for renal fibrogenesis. Journal of Cell Science, 2018, 131, .	2.0	31
31	Sirtuin 3 regulates mitochondrial protein acetylation and metabolism in tubular epithelial cells during renal fibrosis. Cell Death and Disease, 2021, 12, 847.	6.3	31
32	Fibroblast mTOR/PPARÎ³/HGF axis protects against tubular cell death and acute kidney injury. Cell Death and Differentiation, 2019, 26, 2774-2789.	11.2	29
33	Erythropoietin protects the tubular basement membrane by promoting the bone marrow to release extracellular vesicles containing tPA-targeting miR-144. American Journal of Physiology - Renal Physiology, 2016, 310, F27-F40.	2.7	26
34	<scp>FHL</scp>2 promotes tubular epithelialâ€toâ€mesenchymal transition through modulating Î²â€catenin signalling. Journal of Cellular and Molecular Medicine, 2018, 22, 1684-1695.	3.6	26
35	Urinary mitochondrial DNA: A potential early biomarker of diabetic nephropathy. Diabetes/Metabolism Research and Reviews, 2019, 35, e3131.	4.0	25
36	Tubule-derived lactate is required for fibroblast activation in acute kidney injury. American Journal of Physiology - Renal Physiology, 2020, 318, F689-F701.	2.7	25

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37	Lipocalin-2 derived from adipose tissue mediates aldosterone-induced renal injury. JCI Insight, 2018, 3, .	5.0	25
38	Rictor/mammalian target of rapamycin complex 2 promotes macrophage activation and kidney fibrosis. Journal of Pathology, 2017, 242, 488-499.	4.5	23
39	Tuberous sclerosis 1 (Tsc1) mediated mTORC1 activation promotes glycolysis in tubular epithelial cells in kidney fibrosis. Kidney International, 2020, 98, 686-698.	5.2	22
40	Aristolochic Acid Causes Albuminuria by Promoting Mitochondrial DNA Damage and Dysfunction in Podocyte. PLoS ONE, 2013, 8, e83408.	2.5	22
41	Circulating MiR-133a as a Biomarker Predicts Cardiac Hypertrophy in Chronic Hemodialysis Patients. PLoS ONE, 2014, 9, e103079.	2.5	20
42	Relationship between parathyroid mass and parathyroid hormone level in hemodialysis patients with secondary hyperparathyroidism. BMC Nephrology, 2015, 16, 82.	1.8	16
43	Mammalian target of rapamycin complex 1 activation in podocytes promotes cellular crescent formation. American Journal of Physiology - Renal Physiology, 2014, 307, F1023-F1032.	2.7	15
44	Deletion of FHL2 in fibroblasts attenuates fibroblasts activation and kidney fibrosis via restraining TGF-Î²1-induced Wnt/Î²-catenin signaling. Journal of Molecular Medicine, 2020, 98, 291-307.	3.9	14
45	Uncontrolled hypertension associates with subclinical cerebrovascular health globally: a multimodal imaging study. European Radiology, 2021, 31, 2233-2241.	4.5	14
46	Pyruvate kinase M2 mediates fibroblast proliferation to promote tubular epithelial cell survival in acute kidney injury. FASEB Journal, 2021, 35, e21706.	0.5	13
47	CPT1Î± maintains phenotype of tubules via mitochondrial respiration during kidney injury and repair. Cell Death and Disease, 2021, 12, 792.	6.3	12
48	Risk Factors for Severe Hypocalcemia in Patients with Secondary Hyperparathyroidism after Total Parathyroidectomy. International Journal of Endocrinology, 2021, 2021, 1-7.	1.5	9
49	SS31 Ameliorates Podocyte Injury via Inhibiting OMA1-Mediated Hydrolysis of OPA1 in Diabetic Kidney Disease. Frontiers in Pharmacology, 2022, 12, .	3.5	7
50	Effect of parathyroid hormone on serum magnesium levels: the neglected relationship in hemodialysis patients with secondary hyperparathyroidism. Renal Failure, 2016, 38, 50-56.	2.1	6
51	Plasma Metabolomics Profiling in Maintenance Hemodialysis Patients Based on Liquid Chromatography Quadrupole Time-of-Flight Mass Spectrometry. Kidney Diseases (Basel, Switzerland), 2020, 6, 125-134.	2.5	6
52	Elevated circulating growth differentiation factor 15 is related to decreased heart rate variability in chronic kidney disease patients. Renal Failure, 2021, 43, 340-346.	2.1	6
53	Resveratrol ameliorates high-phosphate-induced VSMCs to osteoblast-like cells transdifferentiation and arterial medial calcification in CKD through regulating Wnt/Î²-catenin signaling. European Journal of Pharmacology, 2022, 925, 174953.	3.5	6
54	Association between metabolic syndrome components and chronic kidney disease among 37,533 old Chinese individuals. International Urology and Nephrology, 2021, , 1.	1.4	5

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55	Extracellular RNA in renal diseases. ExRNA, 2019, 1, .	1.0	4
56	Urinary sodium and potassium excretion and cerebrovascular health: a multimodal imaging study. European Journal of Nutrition, 2021, 60, 4555-4563.	3.9	3
57	Implications of microRNA in kidney metabolic disorders. ExRNA, 2020, 2, .	1.0	2
58	Serum PTH Associated with Malnutrition Determined by Bioelectrical Impedance Technology in Chronic Kidney Disease Patients. International Journal of Endocrinology, 2022, 2022, 1-7.	1.5	2