

Junwei Yang

List of Publications by Year in descending order

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58
papers

3,157
citations

172386

29
h-index

161767

54
g-index

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all docs

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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. <i>American Journal of Pathology</i> , 2001, 159, 1465-1475.	1.9	773
2	WNT/ β -catenin signaling promotes VSMCs to osteogenic transdifferentiation and calcification through directly modulating Runx2 gene expression. <i>Experimental Cell Research</i> , 2016, 345, 206-217.	1.2	165
3	Inhibiting aerobic glycolysis suppresses renal interstitial fibroblast activation and renal fibrosis. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, F561-F575.	1.3	159
4	Wnt/ β -Catenin Promoted Macrophage Alternative Activation Contributes to Kidney Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 182-193.	3.0	159
5	Metformin Protects Against Cisplatin-Induced Tubular Cell Apoptosis and Acute Kidney Injury via AMPK β -regulated Autophagy Induction. <i>Scientific Reports</i> , 2016, 6, 23975.	1.6	115
6	The signaling protein Wnt5a promotes TGF β 1-mediated macrophage polarization and kidney fibrosis by inducing the transcriptional regulators Yap/Taz. <i>Journal of Biological Chemistry</i> , 2018, 293, 19290-19302.	1.6	99
7	Sodium-glucose cotransporter 2 inhibition suppresses HIF-1 α -mediated metabolic switch from lipid oxidation to glycolysis in kidney tubule cells of diabetic mice. <i>Cell Death and Disease</i> , 2020, 11, 390.	2.7	91
8	A microRNA-30e/mitochondrial uncoupling protein 2 axis mediates TGF- β 1-induced tubular epithelial cell extracellular matrix production and kidney fibrosis. <i>Kidney International</i> , 2013, 84, 285-296.	2.6	88
9	Rictor/mTORC2 signaling mediates TGF β 1-induced fibroblast activation and kidney fibrosis. <i>Kidney International</i> , 2015, 88, 515-527.	2.6	80
10	Urinary MicroRNA-10a and MicroRNA-30d Serve as Novel, Sensitive and Specific Biomarkers for Kidney Injury. <i>PLoS ONE</i> , 2012, 7, e51140.	1.1	78
11	Rheb/mTORC1 Signaling Promotes Kidney Fibroblast Activation and Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1114-1126.	3.0	75
12	miR-21-Containing Microvesicles from Injured Tubular Epithelial Cells Promote Tubular Phenotype Transition by Targeting PTEN Protein. <i>American Journal of Pathology</i> , 2013, 183, 1183-1196.	1.9	65
13	Blockade of CD38 diminishes lipopolysaccharide-induced macrophage classical activation and acute kidney injury involving NF- κ B signaling suppression. <i>Cellular Signalling</i> , 2018, 42, 249-258.	1.7	60
14	Rictor/mTORC2 protects against cisplatin-induced tubular cell death and acute kidney injury. <i>Kidney International</i> , 2014, 86, 86-102.	2.6	58
15	miR-125b/Ets1 axis regulates transdifferentiation and calcification of vascular smooth muscle cells in a high-phosphate environment. <i>Experimental Cell Research</i> , 2014, 322, 302-312.	1.2	57
16	Circulatory Mitochondrial DNA Is a Pro-Inflammatory Agent in Maintenance Hemodialysis Patients. <i>PLoS ONE</i> , 2014, 9, e113179.	1.1	52
17	Quercetin Inhibits Fibroblast Activation and Kidney Fibrosis Involving the Suppression of Mammalian Target of Rapamycin and β -catenin Signaling. <i>Scientific Reports</i> , 2016, 6, 23968.	1.6	50
18	Secreted fibroblast miR-34a induces tubular cell apoptosis in fibrotic kidney. <i>Journal of Cell Science</i> , 2014, 127, 4494-506.	1.2	46

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19	UCP2 attenuates apoptosis of tubular epithelial cells in renal ischemia-reperfusion injury. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, F926-F937.	1.3	46
20	Genipin Inhibits Mitochondrial Uncoupling Protein 2 Expression and Ameliorates Podocyte Injury in Diabetic Mice. <i>PLoS ONE</i> , 2012, 7, e41391.	1.1	44
21	PDE/cAMP/Epac/C/EBP- β Signaling Cascade Regulates Mitochondria Biogenesis of Tubular Epithelial Cells in Renal Fibrosis. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 637-652.	2.5	44
22	Yap/Taz mediates mTORC2-stimulated fibroblast activation and kidney fibrosis. <i>Journal of Biological Chemistry</i> , 2018, 293, 16364-16375.	1.6	43
23	Non-Proximal Renal Tubule-Derived Urinary Exosomal miR-200b as a Biomarker of Renal Fibrosis. <i>Nephron</i> , 2018, 139, 269-282.	0.9	42
24	Extracellular vesicles and exosomes generated from cystic renal epithelial cells promote cyst growth in autosomal dominant polycystic kidney disease. <i>Nature Communications</i> , 2021, 12, 4548.	5.8	42
25	UCP2-dependent improvement of mitochondrial dynamics protects against acute kidney injury. <i>Journal of Pathology</i> , 2019, 247, 392-405.	2.1	39
26	Autophagy inhibition induces podocyte apoptosis by activating the pro-apoptotic pathway of endoplasmic reticulum stress. <i>Experimental Cell Research</i> , 2014, 322, 290-301.	1.2	37
27	SGLT2 inhibitor counteracts NLRP3 inflammasome <i>via</i> tubular metabolite itaconate in fibrosis kidney. <i>FASEB Journal</i> , 2022, 36, e22078.	0.2	37
28	Role of pyruvate kinase M2-mediated metabolic reprogramming during podocyte differentiation. <i>Cell Death and Disease</i> , 2020, 11, 355.	2.7	35
29	UCP2-induced hypoxia promotes lipid accumulation and tubulointerstitial fibrosis during ischemic kidney injury. <i>Cell Death and Disease</i> , 2020, 11, 26.	2.7	32
30	The miR-21/PDCD4/AP-1 feedback loop function as a driving force for renal fibrogenesis. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	31
31	Sirtuin 3 regulates mitochondrial protein acetylation and metabolism in tubular epithelial cells during renal fibrosis. <i>Cell Death and Disease</i> , 2021, 12, 847.	2.7	31
32	Fibroblast mTOR/PPAR γ ³ /HGF axis protects against tubular cell death and acute kidney injury. <i>Cell Death and Differentiation</i> , 2019, 26, 2774-2789.	5.0	29
33	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> , 2016, 310, F27-F40.	1.3	26
34	FHL ² promotes tubular epithelial-to-mesenchymal transition through modulating β -catenin signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 1684-1695.	1.6	26
35	Urinary mitochondrial DNA: A potential early biomarker of diabetic nephropathy. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3131.	1.7	25
36	Tubule-derived lactate is required for fibroblast activation in acute kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, F689-F701.	1.3	25

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37	Lipocalin-2 derived from adipose tissue mediates aldosterone-induced renal injury. <i>JCI Insight</i> , 2018, 3, .	2.3	25
38	Rictor/mammalian target of rapamycin complex 2 promotes macrophage activation and kidney fibrosis. <i>Journal of Pathology</i> , 2017, 242, 488-499.	2.1	23
39	Tuberous sclerosis 1 (Tsc1) mediated mTORC1 activation promotes glycolysis in tubular epithelial cells in kidney fibrosis. <i>Kidney International</i> , 2020, 98, 686-698.	2.6	22
40	Aristolochic Acid Causes Albuminuria by Promoting Mitochondrial DNA Damage and Dysfunction in Podocyte. <i>PLoS ONE</i> , 2013, 8, e83408.	1.1	22
41	Circulating MiR-133a as a Biomarker Predicts Cardiac Hypertrophy in Chronic Hemodialysis Patients. <i>PLoS ONE</i> , 2014, 9, e103079.	1.1	20
42	Relationship between parathyroid mass and parathyroid hormone level in hemodialysis patients with secondary hyperparathyroidism. <i>BMC Nephrology</i> , 2015, 16, 82.	0.8	16
43	Mammalian target of rapamycin complex 1 activation in podocytes promotes cellular crescent formation. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, F1023-F1032.	1.3	15
44	Deletion of FHL2 in fibroblasts attenuates fibroblasts activation and kidney fibrosis via restraining TGF- β 2-induced Wnt/ β -catenin signaling. <i>Journal of Molecular Medicine</i> , 2020, 98, 291-307.	1.7	14
45	Uncontrolled hypertension associates with subclinical cerebrovascular health globally: a multimodal imaging study. <i>European Radiology</i> , 2021, 31, 2233-2241.	2.3	14
46	Pyruvate kinase M2 mediates fibroblast proliferation to promote tubular epithelial cell survival in acute kidney injury. <i>FASEB Journal</i> , 2021, 35, e21706.	0.2	13
47	CPT1 β maintains phenotype of tubules via mitochondrial respiration during kidney injury and repair. <i>Cell Death and Disease</i> , 2021, 12, 792.	2.7	12
48	Risk Factors for Severe Hypocalcemia in Patients with Secondary Hyperparathyroidism after Total Parathyroidectomy. <i>International Journal of Endocrinology</i> , 2021, 2021, 1-7.	0.6	9
49	SS31 Ameliorates Podocyte Injury via Inhibiting OMA1-Mediated Hydrolysis of OPA1 in Diabetic Kidney Disease. <i>Frontiers in Pharmacology</i> , 2022, 12, .	1.6	7
50	Effect of parathyroid hormone on serum magnesium levels: the neglected relationship in hemodialysis patients with secondary hyperparathyroidism. <i>Renal Failure</i> , 2016, 38, 50-56.	0.8	6
51	Plasma Metabolomics Profiling in Maintenance Hemodialysis Patients Based on Liquid Chromatography Quadrupole Time-of-Flight Mass Spectrometry. <i>Kidney Diseases (Basel, Switzerland)</i> , 2020, 6, 125-134.	1.2	6
52	Elevated circulating growth differentiation factor 15 is related to decreased heart rate variability in chronic kidney disease patients. <i>Renal Failure</i> , 2021, 43, 340-346.	0.8	6
53	Resveratrol ameliorates high-phosphate-induced VSMCs to osteoblast-like cells transdifferentiation and arterial medial calcification in CKD through regulating Wnt/ β -catenin signaling. <i>European Journal of Pharmacology</i> , 2022, 925, 174953.	1.7	6
54	Association between metabolic syndrome components and chronic kidney disease among 37,533 old Chinese individuals. <i>International Urology and Nephrology</i> , 2021, , 1.	0.6	5

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55	Extracellular RNA in renal diseases. <i>ExRNA</i> , 2019, 1, .	1.0	4
56	Urinary sodium and potassium excretion and cerebrovascular health: a multimodal imaging study. <i>European Journal of Nutrition</i> , 2021, 60, 4555-4563.	1.8	3
57	Implications of microRNA in kidney metabolic disorders. <i>ExRNA</i> , 2020, 2, .	1.0	2
58	Serum PTH Associated with Malnutrition Determined by Bioelectrical Impedance Technology in Chronic Kidney Disease Patients. <i>International Journal of Endocrinology</i> , 2022, 2022, 1-7.	0.6	2