

# Weichun He

## List of Publications by Year in Descending Order

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**Version:** 2024-04-26

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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.

38  
papers

2,273  
citations

24  
h-index

38  
g-index

38  
ext. papers

2,634  
ext. citations

6.8  
avg. IF

4.7  
L-index

#	Paper	IF	Citations
38	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	0
37	Emerging Therapeutic Strategies for Attenuating Tubular EMT and Kidney Fibrosis by Targeting Wnt/ $\beta$ Catenin Signaling.. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 830340	5.6	0
36	Improving the Dysregulation of FoxO1 Activity Is a Potential Therapy for Alleviating Diabetic Kidney Disease. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 630617	5.6	3
35	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	0
34	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
33	The regulatory role of HIF-1 in tubular epithelial cells in response to kidney injury. <i>Histology and Histopathology</i> , <b>2020</b> , 35, 321-330	1.4	2
32	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
31	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
30	Wnt/-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
29	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
28	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
27	FHL2 promotes tubular epithelial-to-mesenchymal transition through modulating $\beta$ catenin signalling. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 1684-1695	5.6	18
26	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
25	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
24	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
23	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
22	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

21	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
20	Key Fibrogenic Signaling. <i>Current Pathobiology Reports</i> , <b>2015</b> , 3, 183-192	2	44
19	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
18	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
17	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
16	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
15	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
14	Circulatory mitochondrial DNA is a pro-inflammatory agent in maintenance hemodialysis patients. <i>PLoS ONE</i> , <b>2014</b> , 9, e113179	3.7	43
13	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
12	Sp1 mediates microRNA-29c-regulated type I collagen production in renal tubular epithelial cells. <i>Experimental Cell Research</i> , <b>2013</b> , 319, 2254-65	4.2	27
11	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
10	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
9	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
8	Sonic hedgehog signaling mediates epithelial-mesenchymal communication and promotes renal fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2012</b> , 23, 801-13	12.7	146
7	Matrix metalloproteinase-7 as a surrogate marker predicts renal Wnt/ $\beta$ -catenin activity in CKD. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2012</b> , 23, 294-304	12.7	106
6	Blockade of Wnt/ $\beta$ -catenin signaling by paricalcitol ameliorates proteinuria and kidney injury. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2011</b> , 22, 90-103	12.7	217
5	Targeted inhibition of $\beta$ -catenin/CBP signaling ameliorates renal interstitial fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2011</b> , 22, 1642-53	12.7	181
4	Plasminogen activator inhibitor-1 is a transcriptional target of the canonical pathway of Wnt/ $\beta$ -catenin signaling. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 24665-75	5.4	87

3	Wnt/beta-catenin signaling promotes renal interstitial fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2009</b> , 20, 765-76	12.7	423
2	A role of Wnt/beta-catenin signaling in the pathogenesis of renal interstitial fibrosis. <i>FASEB Journal</i> , <b>2009</b> , 23, 359.3	0.9	
1	Smad ubiquitination regulatory factor-2 in the fibrotic kidney: regulation, target specificity, and functional implication. <i>American Journal of Physiology - Renal Physiology</i> , <b>2008</b> , 294, F1076-83	4.3	62