

Chunsun Dai

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73 papers	7,994 citations	36 h-index	76 g-index
76 ext. papers	9,068 ext. citations	7.2 avg, IF	5.29 L-index

#	Paper	IF	Citations
73	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
72	Wnt/beta-catenin signaling promotes renal interstitial fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 765-76	12.7	423
71	Wnt/beta-catenin signaling promotes podocyte dysfunction and albuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 1997-2008	12.7	302
70	Role for integrin-linked kinase in mediating tubular epithelial to mesenchymal transition and renal interstitial fibrogenesis. <i>Journal of Clinical Investigation</i> , 2003 , 112, 503-516	15.9	280
69	Blockade of Wnt/ β -catenin signaling by paricalcitol ameliorates proteinuria and kidney injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2011 , 22, 90-103	12.7	217
68	Hepatocyte growth factor suppresses renal interstitial myofibroblast activation and intercepts Smad signal transduction. <i>American Journal of Pathology</i> , 2003 , 163, 621-32	5.8	136
67	Hepatocyte growth factor gene therapy and angiotensin II blockade synergistically attenuate renal interstitial fibrosis in mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2002 , 13, 2464-77	12.7	132
66	WNT/ β -catenin signaling promotes VSMCs to osteogenic transdifferentiation and calcification through directly modulating Runx2 gene expression. <i>Experimental Cell Research</i> , 2016 , 345, 206-17	4.2	124
65	Hepatocyte growth factor antagonizes the profibrotic action of TGF- β 1 in mesangial cells by stabilizing Smad transcriptional corepressor TGIF. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 1402-12	12.7	123
64	hepatocyte growth factor is a downstream effector that mediates the antifibrotic action of peroxisome proliferator-activated receptor- γ agonists. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, 54-65	12.7	122
63	Transforming growth factor- β 1 potentiates renal tubular epithelial cell death by a mechanism independent of Smad signaling. <i>Journal of Biological Chemistry</i> , 2003 , 278, 12537-45	5.4	121
62	Role for integrin-linked kinase in mediating tubular epithelial to mesenchymal transition and renal interstitial fibrogenesis. <i>Journal of Clinical Investigation</i> , 2003 , 112, 503-16	15.9	115
61	Essential role of integrin-linked kinase in podocyte biology: Bridging the integrin and slit diaphragm signaling. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, 2164-75	12.7	113
60	Canonical Wnt/ β -catenin signaling mediates transforming growth factor- β 1-driven podocyte injury and proteinuria. <i>Kidney International</i> , 2011 , 80, 1159-1169	9.9	109
59	Inhibition of integrin-linked kinase attenuates renal interstitial fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 1907-18	12.7	98
58	Intravenous administration of hepatocyte growth factor gene ameliorates diabetic nephropathy in mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 2637-47	12.7	96
57	Single injection of naked plasmid encoding hepatocyte growth factor prevents cell death and ameliorates acute renal failure in mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2002 , 13, 411-422	12.7	95

56	Metformin Protects Against Cisplatin-Induced Tubular Cell Apoptosis and Acute Kidney Injury via AMPK-Regulated Autophagy Induction. <i>Scientific Reports</i> , 2016 , 6, 23975	4.9	91
55	Plasminogen activator inhibitor-1 is a transcriptional target of the canonical pathway of Wnt/beta-catenin signaling. <i>Journal of Biological Chemistry</i> , 2010 , 285, 24665-75	5.4	87
54	Wnt/-Catenin-Promoted Macrophage Alternative Activation Contributes to Kidney Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2018 , 29, 182-193	12.7	86
53	A microRNA-30e/mitochondrial uncoupling protein 2 axis mediates TGF- β -induced tubular epithelial cell extracellular matrix production and kidney fibrosis. <i>Kidney International</i> , 2013 , 84, 285-96	9.9	74
52	Hepatocyte growth factor signaling ameliorates podocyte injury and proteinuria. <i>Kidney International</i> , 2010 , 77, 962-73	9.9	72
51	Rictor/mTORC2 signaling mediates TGF β -induced fibroblast activation and kidney fibrosis. <i>Kidney International</i> , 2015 , 88, 515-27	9.9	64
50	Rheb/mTORC1 signaling promotes kidney fibroblast activation and fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 1114-26	12.7	63
49	Beta-cell-specific ablation of the hepatocyte growth factor receptor results in reduced islet size, impaired insulin secretion, and glucose intolerance. <i>American Journal of Pathology</i> , 2005 , 167, 429-36	5.8	63
48	Hepatocyte growth factor preserves beta cell mass and mitigates hyperglycemia in streptozotocin-induced diabetic mice. <i>Journal of Biological Chemistry</i> , 2003 , 278, 27080-7	5.4	62
47	The signaling protein Wnt5a promotes TGF β -mediated macrophage polarization and kidney fibrosis by inducing the transcriptional regulators Yap/Taz. <i>Journal of Biological Chemistry</i> , 2018 , 293, 19290-19302	5.4	60
46	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	5.8	58
45	PINCH-1 promotes tubular epithelial-to-mesenchymal transition by interacting with integrin-linked kinase. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 2534-43	12.7	50
44	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, 302-12	4.2	48
43	Rictor/mTORC2 protects against cisplatin-induced tubular cell death and acute kidney injury. <i>Kidney International</i> , 2014 , 86, 86-102	9.9	47
42	Key Fibrogenic Signaling. <i>Current Pathobiology Reports</i> , 2015 , 3, 183-192	2	44
41	Circulatory mitochondrial DNA is a pro-inflammatory agent in maintenance hemodialysis patients. <i>PLoS ONE</i> , 2014 , 9, e113179	3.7	43
40	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	4.9	40
39	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	4.9	39

38	Secreted fibroblast-derived miR-34a induces tubular cell apoptosis in fibrotic kidney. <i>Journal of Cell Science</i> , 2014 , 127, 4494-506	5.3	38
37	Autophagy inhibition induces podocyte apoptosis by activating the pro-apoptotic pathway of endoplasmic reticulum stress. <i>Experimental Cell Research</i> , 2014 , 322, 290-301	4.2	30
36	Sp1 mediates microRNA-29c-regulated type I collagen production in renal tubular epithelial cells. <i>Experimental Cell Research</i> , 2013 , 319, 2254-65	4.2	27
35	Yap/Taz mediates mTORC2-stimulated fibroblast activation and kidney fibrosis. <i>Journal of Biological Chemistry</i> , 2018 , 293, 16364-16375	5.4	26
34	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	8.4	26
33	Inhibition of proinflammatory RANTES expression by TGF- β 1 is mediated by glycogen synthase kinase-3 β -dependent β -catenin signaling. <i>Journal of Biological Chemistry</i> , 2011 , 286, 7052-9	5.4	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> , 2018 , 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> , 2016 , 310, F27-40	4.3	20
30	Fibroblast mTOR/PPAR- γ /HGF axis protects against tubular cell death and acute kidney injury. <i>Cell Death and Differentiation</i> , 2019 , 26, 2774-2789	12.7	18
29	Aristolochic acid causes albuminuria by promoting mitochondrial DNA damage and dysfunction in podocyte. <i>PLoS ONE</i> , 2013 , 8, e83408	3.7	18
28	FHL2 promotes tubular epithelial-to-mesenchymal transition through modulating β -catenin signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 1684-1695	5.6	18
27	Protein kinase C δ drives fibroblast activation and kidney fibrosis by stimulating autophagic flux. <i>Journal of Biological Chemistry</i> , 2018 , 293, 11119-11130	5.4	18
26	Rictor/mammalian target of rapamycin complex 2 promotes macrophage activation and kidney fibrosis. <i>Journal of Pathology</i> , 2017 , 242, 488-499	9.4	17
25	Canonical Wnt Signaling Promotes Macrophage Proliferation during Kidney Fibrosis. <i>Kidney Diseases (Basel, Switzerland)</i> , 2018 , 4, 95-103	3.3	16
24	Circulating MiR-133a as a biomarker predicts cardiac hypertrophy in chronic hemodialysis patients. <i>PLoS ONE</i> , 2014 , 9, e103079	3.7	15
23	Advances in Understanding and Management of Residual Renal Function in Patients with Chronic Kidney Disease. <i>Kidney Diseases (Basel, Switzerland)</i> , 2017 , 2, 187-196	3.3	14
22	Mammalian target of rapamycin complex 1 activation in podocytes promotes cellular crescent formation. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 307, F1023-32	4.3	13
21	Sphingosine kinase 2 cooperating with Fyn promotes kidney fibroblast activation and fibrosis via STAT3 and AKT. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 3824-3836	6.9	11

20	Omega-3 Polyunsaturated Fatty Acids Attenuate Fibroblast Activation and Kidney Fibrosis Involving MTORC2 Signaling Suppression. <i>Scientific Reports</i> , 2017 , 7, 46146	4.9	10
19	Ablation of FGFR2 in Fibroblasts Ameliorates Kidney Fibrosis after Ischemia/Reperfusion Injury in Mice. <i>Kidney Diseases (Basel, Switzerland)</i> , 2017 , 3, 160-170	3.3	9
18	Role of pyruvate kinase M2-mediated metabolic reprogramming during podocyte differentiation. <i>Cell Death and Disease</i> , 2020 , 11, 355	9.8	8
17	Rheb1 protects against cisplatin-induced tubular cell death and acute kidney injury via maintaining mitochondrial homeostasis. <i>Cell Death and Disease</i> , 2020 , 11, 364	9.8	8
16	Identification of macrophage-related candidate genes in lupus nephritis using bioinformatics analysis. <i>Cellular Signalling</i> , 2018 , 46, 43-51	4.9	8
15	Deletion of FHL2 in fibroblasts attenuates fibroblasts activation and kidney fibrosis via restraining TGF- β -induced Wnt/ β -catenin signaling. <i>Journal of Molecular Medicine</i> , 2020 , 98, 291-307	5.5	8
14	Inhibition of 4E-BP1 phosphorylation promotes tubular cell escaping from G2/M arrest and ameliorates kidney fibrosis. <i>Cellular Signalling</i> , 2019 , 62, 109331	4.9	7
13	Tuberous sclerosis 1 (Tsc1) mediated mTORC1 activation promotes glycolysis in tubular epithelial cells in kidney fibrosis. <i>Kidney International</i> , 2020 , 98, 686-698	9.9	7
12	FGF/FGFR2 Protects against Tubular Cell Death and Acute Kidney Injury Involving Erk1/2 Signaling Activation. <i>Kidney Diseases (Basel, Switzerland)</i> , 2020 , 6, 181-194	3.3	6
11	Pyruvate kinase M2 mediates fibroblast proliferation to promote tubular epithelial cell survival in acute kidney injury. <i>FASEB Journal</i> , 2021 , 35, e21706	0.9	4
10	Loss of Rictor in tubular cells exaggerates lipopolysaccharide induced renal inflammation and acute kidney injury via Yap/Taz-NF- κ B axis. <i>Cell Death Discovery</i> , 2020 , 6, 40	6.9	3
9	Targeting Ferroptosis Attenuates Interstitial Inflammation and Kidney Fibrosis.. <i>Kidney Diseases (Basel, Switzerland)</i> , 2022 , 8, 57-71	3.3	3
8	mTOR Signaling in Kidney Diseases.. <i>Kidney360</i> , 2020 , 1, 1319-1327	1.8	2
7	PP2A β promotes macrophage accumulation and activation to exacerbate tubular cell death and kidney fibrosis through activating Rap1 and TNF α production. <i>Cell Death and Differentiation</i> , 2021 , 28, 2728-2744	12.7	2
6	Pathophysiology of Chronic Kidney Disease 2020 , 13-32		1
5	Follistatin-like 1 (FSTL1) interacts with Wnt ligands and Frizzled receptors to enhance Wnt/ β -catenin signaling in obstructed kidneys in vivo.. <i>Journal of Biological Chemistry</i> , 2022 , 102010	5.4	1
4	Metabolic Regulation of Fibroblast Activation and Proliferation during Organ Fibrosis.. <i>Kidney Diseases (Basel, Switzerland)</i> , 2022 , 8, 115-125	3.3	0
3	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 , 174953	5.3	0

- 2 PP2A Catalytic Subunit Promotes fibroblast activation and kidney fibrosis via ERK pathway. *Cellular Signalling*, **2021**, 90, 110187 4.9
- 1 E-catenin: A Principal In-Vivo Mediator of HGF-induced Liver Growth. *FASEB Journal*, **2006**, 20, A1079 0.9