Ming-Zhi Zhang

List of Publications by Year
in descending order

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43 papers	2,242 citations	236925 25 h-index	276875 41 g-index
43 all docs	43 docs citations	43 times ranked	3032 citing authors

#	Article	IF	Citations
1	Myeloid cyclooxygenase-2/prostaglandin E2/E-type prostanoid receptor 4 promotes transcription factor MafB-dependent inflammatory resolution in acute kidney injury. Kidney International, 2022, 101, 79-91.	5.2	15
2	DDR1 contributes to kidney inflammation and fibrosis by promoting the phosphorylation of BCR and STAT3. JCI Insight, 2022, 7, .	5.0	24
3	The authors reply:. Kidney International, 2022, 101, 1084-1085.	5.2	0
4	Podocyte EGFR Inhibits Autophagy Through Upregulation of Rubicon in Type 2 Diabetic Nephropathy. Diabetes, 2021, 70, 562-576.	0.6	37
5	Profile of Podocyte Translatome During Development of Type 2 and Type 1 Diabetic Nephropathy Using Podocyte-Specific TRAP mRNA RNA-seq. Diabetes, 2021, 70, 2377-2390.	0.6	8
6	The role of gender disparities in kidney injury. Annals of Translational Medicine, 2020, 8, 514-514.	1.7	11
7	Pro-neurotensin depends on renal function and is related to all-cause mortality in chronic kidney disease. European Journal of Endocrinology, 2020, 183, 233-244.	3.7	11
8	Dynamic signature of lymphangiogenesis during acute kidney injury and chronic kidney disease. Laboratory Investigation, 2019, 99, 1376-1388.	3.7	36
9	Notch signaling is essential in collecting duct epithelial cell fate determination during development and maintenance of cell type homeostasis in adult. Annals of Translational Medicine, 2019, 7, S376-S376.	1.7	3
10	Immunohistochemical Staining of CD8Î± in Diabetic Mouse Kidney. Bio-protocol, 2019, 9, e3364.	0.4	0
11	A Newly Discovered Antifibrotic Pathway Regulated by Two Fatty Acid Receptors. American Journal of Pathology, 2018, 188, 1132-1148.	3.8	102
12	Renal Medullary Interstitial COX-2 (Cyclooxygenase-2) Is Essential in Preventing Salt-Sensitive Hypertension and Maintaining Renal Inner Medulla/Papilla Structural Integrity. Hypertension, 2018, 72, 1172-1179.	2.7	20
13	Assessment of renal fibrosis in murine diabetic nephropathy using quantitative magnetization transfer MRI. Magnetic Resonance in Medicine, 2018, 80, 2655-2669.	3.0	26
14	Inhibition of Epidermal Growth Factor Receptor Activation Is Associated With Improved Diabetic Nephropathy and Insulin Resistance in Type 2 Diabetes. Diabetes, 2018, 67, 1847-1857.	0.6	53
15	TGF-Î² promotes fibrosis after severe acute kidney injury by enhancing renal macrophage infiltration. JCI Insight, 2018, 3, .	5.0	85
16	FSTL3 is increased in renal dysfunction. Nephrology Dialysis Transplantation, 2017, 32, 1637-1644.	0.7	18
17	Selective activation of epidermal growth factor receptor in renal proximal tubule induces tubulointerstitial fibrosis. FASEB Journal, 2017, 31, 4407-4421.	0.5	50
18	Interaction of renal corticalÂcyclooxygenase-2 andÂangiotensin II in postnatalÂnephrogenesis. Kidney International, 2017, 91, 771-773.	5.2	1

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19	Lysophosphatidic Acid Receptor Antagonism Protects against Diabetic Nephropathy in a Type 2 Diabetic Model. Journal of the American Society of Nephrology: JASN, 2017, 28, 3300-3311.	6.1	47
20	Macrophage Cyclooxygenase-2 Protects Against Development of Diabetic Nephropathy. Diabetes, 2017, 66, 494-504.	0.6	66
21	IL-4/IL-13â€“mediated polarization of renal macrophages/dendritic cells to an M2a phenotype is essential for recovery from acute kidney injury. Kidney International, 2017, 91, 375-386.	5.2	139
22	Loss of 11Î²HSD1 enhances glycolysis, facilitates intrahepatic metastasis, and indicates poor prognosis in hepatocellular carcinoma. Oncotarget, 2016, 7, 2038-2053.	1.8	13
23	Circulating progranulin but not renal progranulin expression is increased in renal dysfunction. Kidney International, 2015, 88, 1197-1198.	5.2	8
24	Overexpression of G-Protein-Coupled Receptor 40 Enhances the Mitogenic Response to Epoxyeicosatrienoic Acids. PLoS ONE, 2015, 10, e0113130.	2.5	19
25	Inhibition of 11Î²-Hydroxysteroid Dehydrogenase Type II Suppresses Lung Carcinogenesis by Blocking Tumor COX-2 Expression as Well as the ERK and mTOR Signaling Pathways. PLoS ONE, 2015, 10, e0127030.	2.5	9
26	Proximal tubule-derived colony stimulating factor-1 mediates polarization of renal macrophages and dendritic cells, and recovery in acute kidney injury. Kidney International, 2015, 88, 1274-1282.	5.2	84
27	12/15 lipoxygenase regulation of colorectal tumorigenesis is determined by the relative tumor levels of its metabolite 12-HETE and 13-HODE in animal models. Oncotarget, 2015, 6, 2879-2888.	1.8	31
28	Epidermal Growth Factor Receptor Inhibition Slows Progression of Diabetic Nephropathy in Association With a Decrease in Endoplasmic Reticulum Stress and an Increase in Autophagy. Diabetes, 2014, 63, 2063-2072.	0.6	122
29	Role of blood pressure and the renin-angiotensin system in development of diabetic nephropathy (DN) in eNOS^{â^'/â^'} db/db mice. American Journal of Physiology - Renal Physiology, 2012, 302, F433-F438.	2.7	39
30	Intrarenal Dopamine Inhibits Progression of Diabetic Nephropathy. Diabetes, 2012, 61, 2575-2584.	0.6	36
31	CSF-1 signaling mediates recovery from acute kidney injury. Journal of Clinical Investigation, 2012, 122, 4519-4532.	8.2	279
32	Intrarenal dopamine deficiency leads to hypertension and decreased longevity in mice. Journal of Clinical Investigation, 2011, 121, 2845-2854.	8.2	105
33	Assessing the Application of Tissue Microarray Technology to Kidney Research. Journal of Histochemistry and Cytochemistry, 2010, 58, 413-420.	2.5	4
34	Intrarenal Dopaminergic System Regulates Renin Expression. Hypertension, 2009, 53, 564-570.	2.7	48
35	Endothelial Nitric Oxide Synthase Deficiency Produces Accelerated Nephropathy in Diabetic Mice. Journal of the American Society of Nephrology: JASN, 2006, 17, 2664-2669.	6.1	310
36	Renal cortical cyclooxygenase 2 expression is differentially regulated by angiotensin II AT1 and AT2 receptors. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16045-16050.	7.1	63

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37	Regulation of Cyclooxygenase Expression by Vasopressin in Rat Renal Medulla. Endocrinology, 2004, 145, 1402-1409.	2.8	31
38	Regulation of renal cortical cyclooxygenase-2 in young rats. American Journal of Physiology - Renal Physiology, 2003, 285, F881-F888.	2.7	11
39	Mineralocorticoid regulation of cyclooxygenase-2 expression in rat renal medulla. American Journal of Physiology - Renal Physiology, 2002, 283, F509-F516.	2.7	27
40	Genetic deletion of COX-2 prevents increased renin expression in response to ACE inhibition. American Journal of Physiology - Renal Physiology, 2001, 280, F449-F456.	2.7	93
41	Nitric oxide regulates renal cortical cyclooxygenase-2 expression. American Journal of Physiology - Renal Physiology, 2000, 279, F122-F129.	2.7	53
42	Selective increase of cyclooxygenase-2 expression in a model of renal ablation. American Journal of Physiology - Renal Physiology, 1998, 275, F613-F622.	2.7	67
43	Immunohistochemical Localization of Lipocortin 1 in Rat Brain Is Sensitive to pH, Freezing, and Dehydration. Journal of Histochemistry and Cytochemistry, 1997, 45, 527-538.	2.5	38