

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	Endothelial Nitric Oxide Synthase Deficiency Produces Accelerated Nephropathy in Diabetic Mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 2664-2669.	6.1	310
2	CSF-1 signaling mediates recovery from acute kidney injury. <i>Journal of Clinical Investigation</i> , 2012, 122, 4519-4532.	8.2	279
3	IL-4/IL-13-mediated polarization of renal macrophages/dendritic cells to an M2a phenotype is essential for recovery from acute kidney injury. <i>Kidney International</i> , 2017, 91, 375-386.	5.2	139
4	Epidermal Growth Factor Receptor Inhibition Slows Progression of Diabetic Nephropathy in Association With a Decrease in Endoplasmic Reticulum Stress and an Increase in Autophagy. <i>Diabetes</i> , 2014, 63, 2063-2072.	0.6	122
5	Intrarenal dopamine deficiency leads to hypertension and decreased longevity in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 2845-2854.	8.2	105
6	A Newly Discovered Antifibrotic Pathway Regulated by Two Fatty Acid Receptors. <i>American Journal of Pathology</i> , 2018, 188, 1132-1148.	3.8	102
7	Genetic deletion of COX-2 prevents increased renin expression in response to ACE inhibition. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 280, F449-F456.	2.7	93
8	TGF- β 2 promotes fibrosis after severe acute kidney injury by enhancing renal macrophage infiltration. <i>JCI Insight</i> , 2018, 3, .	5.0	85
9	Proximal tubule-derived colony stimulating factor-1 mediates polarization of renal macrophages and dendritic cells, and recovery in acute kidney injury. <i>Kidney International</i> , 2015, 88, 1274-1282.	5.2	84
10	Selective increase of cyclooxygenase-2 expression in a model of renal ablation. <i>American Journal of Physiology - Renal Physiology</i> , 1998, 275, F613-F622.	2.7	67
11	Macrophage Cyclooxygenase-2 Protects Against Development of Diabetic Nephropathy. <i>Diabetes</i> , 2017, 66, 494-504.	0.6	66
12	Renal cortical cyclooxygenase 2 expression is differentially regulated by angiotensin II AT1 and AT2 receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16045-16050.	7.1	63
13	Nitric oxide regulates renal cortical cyclooxygenase-2 expression. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 279, F122-F129.	2.7	53
14	Inhibition of Epidermal Growth Factor Receptor Activation Is Associated With Improved Diabetic Nephropathy and Insulin Resistance in Type 2 Diabetes. <i>Diabetes</i> , 2018, 67, 1847-1857.	0.6	53
15	Selective activation of epidermal growth factor receptor in renal proximal tubule induces tubulointerstitial fibrosis. <i>FASEB Journal</i> , 2017, 31, 4407-4421.	0.5	50
16	Intrarenal Dopaminergic System Regulates Renin Expression. <i>Hypertension</i> , 2009, 53, 564-570.	2.7	48
17	Lysophosphatidic Acid Receptor Antagonism Protects against Diabetic Nephropathy in a Type 2 Diabetic Model. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 3300-3311.	6.1	47
18	Role of blood pressure and the renin-angiotensin system in development of diabetic nephropathy (DN) in eNOS ^{+/+} mice. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F433-F438.	2.7	39

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19	Immunohistochemical Localization of Lipocortin 1 in Rat Brain Is Sensitive to pH, Freezing, and Dehydration. <i>Journal of Histochemistry and Cytochemistry</i> , 1997, 45, 527-538.	2.5	38
20	Podocyte EGFR Inhibits Autophagy Through Upregulation of Rubicon in Type 2 Diabetic Nephropathy. <i>Diabetes</i> , 2021, 70, 562-576.	0.6	37
21	Intrarenal Dopamine Inhibits Progression of Diabetic Nephropathy. <i>Diabetes</i> , 2012, 61, 2575-2584.	0.6	36
22	Dynamic signature of lymphangiogenesis during acute kidney injury and chronic kidney disease. <i>Laboratory Investigation</i> , 2019, 99, 1376-1388.	3.7	36
23	Regulation of Cyclooxygenase Expression by Vasopressin in Rat Renal Medulla. <i>Endocrinology</i> , 2004, 145, 1402-1409.	2.8	31
24	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. <i>Oncotarget</i> , 2015, 6, 2879-2888.	1.8	31
25	Mineralocorticoid regulation of cyclooxygenase-2 expression in rat renal medulla. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 283, F509-F516.	2.7	27
26	Assessment of renal fibrosis in murine diabetic nephropathy using quantitative magnetization transfer MRI. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 2655-2669.	3.0	26
27	DDR1 contributes to kidney inflammation and fibrosis by promoting the phosphorylation of BCR and STAT3. <i>JCI Insight</i> , 2022, 7, .	5.0	24
28	Renal Medullary Interstitial COX-2 (Cyclooxygenase-2) Is Essential in Preventing Salt-Sensitive Hypertension and Maintaining Renal Inner Medulla/Papilla Structural Integrity. <i>Hypertension</i> , 2018, 72, 1172-1179.	2.7	20
29	Overexpression of G-Protein-Coupled Receptor 40 Enhances the Mitogenic Response to Epoxyeicosatrienoic Acids. <i>PLoS ONE</i> , 2015, 10, e0113130.	2.5	19
30	FSTL3 is increased in renal dysfunction. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, 1637-1644.	0.7	18
31	Myeloid cyclooxygenase-2/prostaglandin E2/E-type prostanoid receptor 4 promotes transcription factor MafB-dependent inflammatory resolution in acute kidney injury. <i>Kidney International</i> , 2022, 101, 79-91.	5.2	15
32	Loss of 11 β HSD1 enhances glycolysis, facilitates intrahepatic metastasis, and indicates poor prognosis in hepatocellular carcinoma. <i>Oncotarget</i> , 2016, 7, 2038-2053.	1.8	13
33	Regulation of renal cortical cyclooxygenase-2 in young rats. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 285, F881-F888.	2.7	11
34	The role of gender disparities in kidney injury. <i>Annals of Translational Medicine</i> , 2020, 8, 514-514.	1.7	11
35	Pro-neurotensin depends on renal function and is related to all-cause mortality in chronic kidney disease. <i>European Journal of Endocrinology</i> , 2020, 183, 233-244.	3.7	11
36	Inhibition of 11 β -Hydroxysteroid Dehydrogenase Type II Suppresses Lung Carcinogenesis by Blocking Tumor COX-2 Expression as Well as the ERK and mTOR Signaling Pathways. <i>PLoS ONE</i> , 2015, 10, e0127030.	2.5	9

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37	Circulating progranulin but not renal progranulin expression is increased in renal dysfunction. <i>Kidney International</i> , 2015, 88, 1197-1198.	5.2	8
38	Profile of Podocyte Translatome During Development of Type 2 and Type 1 Diabetic Nephropathy Using Podocyte-Specific TRAP mRNA RNA-seq. <i>Diabetes</i> , 2021, 70, 2377-2390.	0.6	8
39	Assessing the Application of Tissue Microarray Technology to Kidney Research. <i>Journal of Histochemistry and Cytochemistry</i> , 2010, 58, 413-420.	2.5	4
40	Notch signaling is essential in collecting duct epithelial cell fate determination during development and maintenance of cell type homeostasis in adult. <i>Annals of Translational Medicine</i> , 2019, 7, S376-S376.	1.7	3
41	Interaction of renal cortical cyclooxygenase-2 and Angiotensin II in postnatal nephrogenesis. <i>Kidney International</i> , 2017, 91, 771-773.	5.2	1
42	Immunohistochemical Staining of CD8 \pm in Diabetic Mouse Kidney. <i>Bio-protocol</i> , 2019, 9, e3364.	0.4	0
43	The authors reply:. <i>Kidney International</i> , 2022, 101, 1084-1085.	5.2	0