

Shao-Ling Zhang

List of Publications by Year in descending order

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54
papers

2,186
citations

172457

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times ranked

2304
citing authors

#	ARTICLE	IF	CITATIONS
1	High Glucose Stimulates Angiotensinogen Gene Expression via Reactive Oxygen Species Generation in Rat Kidney Proximal Tubular Cells. <i>Endocrinology</i> , 2002, 143, 2975-2985.	2.8	174
2	Attenuation of Interstitial Fibrosis and Tubular Apoptosis in db/db Transgenic Mice Overexpressing Catalase in Renal Proximal Tubular Cells. <i>Diabetes</i> , 2008, 57, 451-459.	0.6	147
3	Maternal Diabetes Modulates Renal Morphogenesis in Offspring. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 943-952.	6.1	99
4	Reactive Oxygen Species Promote Caspase-12 Expression and Tubular Apoptosis in Diabetic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 943-954.	6.1	89
5	High Glucose Stimulates Angiotensinogen Gene Expression and Cell Hypertrophy via Activation of the Hexosamine Biosynthesis Pathway in Rat Kidney Proximal Tubular Cells. <i>Endocrinology</i> , 2003, 144, 4338-4349.	2.8	88
6	Peroxynitrite induces integrin α 1-dependent adhesion of human neutrophils to endothelial cells via activation of the Raf α 1/MEK/Erk pathway. <i>FASEB Journal</i> , 2001, 15, 25-27.	0.5	85
7	Nrf2 Deficiency Upregulates Intrarenal Angiotensin-Converting Enzyme-2 and Angiotensin 1-7 Receptor Expression and Attenuates Hypertension and Nephropathy in Diabetic Mice. <i>Endocrinology</i> , 2018, 159, 836-852.	2.8	82
8	Overexpression of Angiotensinogen Increases Tubular Apoptosis in Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 269-280.	6.1	80
9	Catalase overexpression prevents hypertension and tubular apoptosis in angiotensinogen transgenic mice. <i>Kidney International</i> , 2010, 77, 1086-1097.	5.2	79
10	Angiotensin-(1 α -7) prevents systemic hypertension, attenuates oxidative stress and tubulointerstitial fibrosis, and normalizes renal angiotensin-converting enzyme 2 and Mas receptor expression in diabetic mice. <i>Clinical Science</i> , 2015, 128, 649-663.	4.3	78
11	Maternal diabetes programs hypertension and kidney injury in offspring. <i>Pediatric Nephrology</i> , 2010, 25, 1319-1329.	1.7	60
12	Apocynin attenuates tubular apoptosis and tubulointerstitial fibrosis in transgenic mice independent of hypertension. <i>Kidney International</i> , 2009, 75, 156-166.	5.2	59
13	Angiotensin II Type II Receptor Deficiency Accelerates the Development of Nephropathy in Type I Diabetes via Oxidative Stress and ACE2. <i>Experimental Diabetes Research</i> , 2011, 2011, 1-12.	3.8	55
14	Dual RAS blockade normalizes angiotensin-converting enzyme-2 expression and prevents hypertension and tubular apoptosis in Akita angiotensinogen-transgenic mice. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F840-F852.	2.7	55
15	High Glucose Stimulates Angiotensinogen Gene Expression via Reactive Oxygen Species Generation in Rat Kidney Proximal Tubular Cells. <i>Endocrinology</i> , 2002, 143, 2975-2985.	2.8	53
16	Bcl-2 α -Modifying Factor Induces Renal Proximal Tubular Cell Apoptosis in Diabetic Mice. <i>Diabetes</i> , 2012, 61, 474-484.	0.6	48
17	Reactive oxygen species blockade and action of insulin on expression of angiotensinogen gene in proximal tubular cells. <i>Journal of Endocrinology</i> , 2004, 183, 535-550.	2.6	47
18	Angiotensin II Increases Pax-2 Expression in Fetal Kidney Cells Via the AT2 Receptor. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 1452-1465.	6.1	45

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19	Essential Role(s) of the Intrarenal Renin-Angiotensin System in Transforming Growth Factor β 1 Gene Expression and Induction of Hypertrophy of Rat Kidney Proximal Tubular Cells in High Glucose. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 302-312.	6.1	45
20	Synergistic effect of dexamethasone and isoproterenol on the expression of angiotensinogen in immortalized rat proximal tubular cells. <i>Kidney International</i> , 1998, 53, 287-295.	5.2	41
21	Angiotensin II stimulates Pax-2 in rat kidney proximal tubular cells: Impact on proliferation and apoptosis. <i>Kidney International</i> , 2004, 66, 2181-2192.	5.2	41
22	Overexpression of catalase prevents hypertension and tubulointerstitial fibrosis and normalization of renal angiotensin-converting enzyme-2 expression in Akita mice. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F1335-F1346.	2.7	39
23	Angiotensin II up-regulates sodium-glucose co-transporter 2 expression and SGLT2 inhibitor attenuates Ang II-induced hypertensive renal injury in mice. <i>Clinical Science</i> , 2021, 135, 943-961.	4.3	37
24	Characterization of a Putative Insulin-Responsive Element and Its Binding Protein(s) in Rat Angiotensinogen Gene Promoter: Regulation by Glucose and Insulin*. <i>Endocrinology</i> , 2001, 142, 2577-2585.	2.8	35
25	Catalase Prevents Maternal Diabetes-Induced Perinatal Programming via the Nrf2/HO-1 Defense System. <i>Diabetes</i> , 2012, 61, 2565-2574.	0.6	35
26	Heterogeneous Nuclear Ribonucleoprotein F Stimulates Sirtuin-1 Gene Expression and Attenuates Nephropathy Progression in Diabetic Mice. <i>Diabetes</i> , 2017, 66, 1964-1978.	0.6	31
27	Insulin Inhibits Dexamethasone Effect on Angiotensinogen Gene Expression and Induction of Hypertrophy in Rat Kidney Proximal Tubular Cells in High Glucose. <i>Endocrinology</i> , 2002, 143, 4627-4635.	2.8	30
28	Reactive Oxygen Species in the Presence of High Glucose Alter Ureteric Bud Morphogenesis. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 2105-2115.	6.1	30
29	High glucose promotes nascent nephron apoptosis via NF- κ B and p53 pathways. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, F147-F156.	2.7	30
30	Insulin Inhibits Angiotensinogen Gene Expression via the Mitogen-Activated Protein Kinase Pathway in Rat Kidney Proximal Tubular Cells. <i>Endocrinology</i> , 1999, 140, 5285-5292.	2.8	29
31	Overexpression of heterogeneous nuclear ribonucleoprotein F stimulates renal Ace-2 gene expression and prevents TGF β 1-induced kidney injury in a mouse model of diabetes. <i>Diabetologia</i> , 2015, 58, 2443-2454.	6.3	29
32	Insulin Inhibits Nrf2 Gene Expression via Heterogeneous Nuclear Ribonucleoprotein F/K in Diabetic Mice. <i>Endocrinology</i> , 2017, 158, 903-919.	2.8	28
33	Characterization of the Intrarenal Renin-Angiotensin System in Experimental Alport Syndrome. <i>American Journal of Pathology</i> , 2015, 185, 1423-1435.	3.8	27
34	Heterogenous Nuclear Ribonucleoprotein F Modulates Angiotensinogen Gene Expression in Rat Kidney Proximal Tubular Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 616-628.	6.1	25
35	Hedgehog Interacting Protein Promotes Fibrosis and Apoptosis in Glomerular Endothelial Cells in Murine Diabetes. <i>Scientific Reports</i> , 2018, 8, 5958.	3.3	24
36	Heterogeneous Nuclear Ribonucleoprotein K Modulates Angiotensinogen Gene Expression in Kidney Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 25344-25355.	3.4	22

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37	Reactive Oxygen Species and Nuclear Factor Erythroid 2-Related Factor 2 Activation in Diabetic Nephropathy: A Hidden Target. <i>Journal of Diabetes & Metabolism</i> , 2015, 06, .	0.2	21
38	Post-weaning high-fat diet accelerates kidney injury, but not hypertension programmed by maternal diabetes. <i>Pediatric Research</i> , 2016, 79, 416-424.	2.3	18
39	Tubular Deficiency of Heterogeneous Nuclear Ribonucleoprotein F Elevates Systolic Blood Pressure and Induces Glycosuria in Mice. <i>Scientific Reports</i> , 2019, 9, 15765.	3.3	16
40	Pax-2 and N-myc regulate epithelial cell proliferation and apoptosis in a positive autocrine feedback loop. <i>Pediatric Nephrology</i> , 2007, 22, 813-824.	1.7	15
41	Overexpression of Nrf2 in Renal Proximal Tubular Cells Stimulates Sodium-Glucose Cotransporter 2 Expression and Exacerbates Dysglycemia and Kidney Injury in Diabetic Mice. <i>Diabetes</i> , 2021, 70, 1388-1403.	0.6	14
42	Maternal diabetes modulates kidney formation in murine progeny: the role of hedgehog interacting protein (HHIP). <i>Diabetologia</i> , 2014, 57, 1986-1996.	6.3	13
43	Deficiency of intrarenal angiotensin II type 2 receptor impairs paired homeo box-2 and N-myc expression during nephrogenesis. <i>Pediatric Nephrology</i> , 2008, 23, 1769-1777.	1.7	12
44	AT ₂ R deficiency mediated podocyte loss via activation of ectopic hedgehog interacting protein (<i>Hhip</i>) gene expression. <i>Journal of Pathology</i> , 2017, 243, 279-293.	4.5	11
45	Comparison of the effects of insulin and SGLT2 inhibitor on the Renal Renin-Angiotensin system in type 1 diabetes mice. <i>Diabetes Research and Clinical Practice</i> , 2020, 162, 108107.	2.8	10
46	Catecholamines and angiotensinogen gene expression in kidney proximal tubular cells. <i>Molecular and Cellular Biochemistry</i> , 2000, 212, 73-79.	3.1	9
47	Overexpression of angiotensinogen downregulates aquaporin 1 expression via modulation of Nrf2-HO-1 pathway in renal proximal tubular cells of transgenic mice. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2016, 17, 147032031666873.	1.7	9
48	Characterization of a Putative Insulin-Responsive Element and Its Binding Protein(s) in Rat Angiotensinogen Gene Promoter: Regulation by Glucose and Insulin. <i>Endocrinology</i> , 2001, 142, 2577-2585.	2.8	9
49	Heterogeneous Nuclear Ribonucleoprotein F Mediates Insulin Inhibition of Bcl2-Modifying Factor Expression and Tubulopathy in Diabetic Kidney. <i>Scientific Reports</i> , 2019, 9, 6687.	3.3	6
50	Hedgehog Interacting Protein (<i>Hhip</i>) Regulates Insulin Secretion in Mice Fed High Fat Diets. <i>Scientific Reports</i> , 2019, 9, 11183.	3.3	5
51	Increased urinary excretion of hedgehog interacting protein (<i>uHhip</i>) in early diabetic kidney disease. <i>Translational Research</i> , 2020, 217, 1-10.	5.0	5
52	AT ₂ R deficiency in mice accelerates podocyte dysfunction in diabetic progeny in a sex-dependent manner. <i>Diabetologia</i> , 2021, 64, 2108-2121.	6.3	5
53	Deletion of heterogeneous nuclear ribonucleoprotein F in renal tubules downregulates SGLT2 expression and attenuates hyperfiltration and kidney injury in a mouse model of diabetes. <i>Diabetologia</i> , 2021, 64, 2589-2601.	6.3	5
54	SP374CANAGLIFLOZIN, A SODIUM-GLUCOSE CO-TRANSPORTER 2 (SGLT-2) BLOCKER, NORMALIZES BLOOD GLUCOSE WITHOUT AFFECTING SYSTEMIC BLOOD PRESSURE, OXIDATIVE STRESS, INTRARENAL ANGIOTENSINOGEN GENE EXPRESSION AND KIDNEY INJURY IN TYPE 1 DIABETIC MICE. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, i214-i214.	0.7	2