Shougang Zhuang

List of Publications by Year
in descending order

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Version: 2024-02-01

		94433	149698
117	4,109	37	56
papers	citations	h-index	g-index

122	122	122	5048
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inhibition of histone deacetylase activity attenuates renal fibroblast activation and interstitial fibrosis in obstructive nephropathy. American Journal of Physiology - Renal Physiology, 2009, 297, F996-F1005.	2.7	188
2	Identification of serum metabolites associating with chronic kidney disease progression and anti-fibrotic effect of 5-methoxytryptophan. Nature Communications, 2019, 10, 1476.	12.8	171
3	Regulation of STAT signaling by acetylation. Cellular Signalling, 2013, 25, 1924-1931.	3.6	152
4	Enhancer of Zeste Homolog 2 Inhibition Attenuates Renal Fibrosis by Maintaining Smad7 and Phosphatase and Tensin Homolog Expression. Journal of the American Society of Nephrology: JASN, 2016, 27, 2092-2108.	6.1	148
5	New Insights Into the Role and Mechanism of Partial Epithelial-Mesenchymal Transition in Kidney Fibrosis. Frontiers in Physiology, 2020, 11, 569322.	2.8	132
6	Histone deacetylase (HDAC) inhibition improves myocardial function and prevents cardiac remodeling in diabetic mice. Cardiovascular Diabetology, 2015, 14, 99.	6.8	110
7	Recent advances on uric acid transporters. Oncotarget, 2017, 8, 100852-100862.	1.8	110
8	Irisin plays a pivotal role to protect the heart against ischemia and reperfusion injury. Journal of Cellular Physiology, 2017, 232, 3775-3785.	4.1	104
9	EGF Receptor Inhibition Alleviates Hyperuricemic Nephropathy. Journal of the American Society of Nephrology: JASN, 2015, 26, 2716-2729.	6.1	94
10	Src inhibition blocks renal interstitial fibroblast activation and ameliorates renal fibrosis. Kidney International, 2016, 89, 68-81.	5.2	93
11	Unilateral ureteral obstruction causes gut microbial dysbiosis and metabolome disorders contributing to tubulointerstitial fibrosis. Experimental and Molecular Medicine, 2019, 51, 1-18.	7.7	90
12	Sodium Butyrate Protects ÂAgainst High Fat Diet-Induced Cardiac Dysfunction and Metabolic Disorders in Type II Diabetic Mice. Journal of Cellular Biochemistry, 2017, 118, 2395-2408.	2.6	86
13	Histone acetylation and DNA methylation in ischemia/reperfusion injury. Clinical Science, 2019, 133, 597-609.	4.3	83
14	Blocking Sirtuin 1 and 2 Inhibits Renal Interstitial Fibroblast Activation and Attenuates Renal Interstitial Fibrosis in Obstructive Nephropathy. Journal of Pharmacology and Experimental Therapeutics, 2014, 350, 243-256.	2.5	72
15	P2X7 receptor inhibition protects against ischemic acute kidney injury in mice. American Journal of Physiology - Cell Physiology, 2015, 308, C463-C472.	4.6	62
16	Treatment of chronic kidney diseases with histone deacetylase inhibitors. Frontiers in Physiology, 2015, 6, 121.	2.8	58
17	Src family kinases in chronic kidney disease. American Journal of Physiology - Renal Physiology, 2017, 313, F721-F728.	2.7	57
18	Inhibition of HDAC6 protects against rhabdomyolysis-induced acute kidney injury. American Journal of Physiology - Renal Physiology, 2017, 312, F502-F515.	2.7	56

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19	Pharmacological inhibition of autophagy by 3-MA attenuates hyperuricemic nephropathy. Clinical Science, 2018, 132, 2299-2322.	4.3	56
20	Characteristics of circular RNA expression of pulmonary macrophages in mice with sepsisâ€induced acute lung injury. Journal of Cellular and Molecular Medicine, 2019, 23, 7111-7115.	3.6	54
21	Stimulation of glucagon-like peptide-1 receptor through exendin-4 preserves myocardial performance and prevents cardiac remodeling in infarcted myocardium. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E630-E643.	3.5	53
22	Epigenetics in acute kidney injury. Current Opinion in Nephrology and Hypertension, 2015, 24, 1.	2.0	52
23	Nintedanib, a triple tyrosine kinase inhibitor, attenuates renal fibrosis in chronic kidney disease. Clinical Science, 2017, 131, 2125-2143.	4.3	52
24	Limb ischemic preconditioning protects against contrast-induced nephropathy via renalase. EBioMedicine, 2016, 9, 356-365.	6.1	51
25	Blockade of histone deacetylase 6 protects against cisplatin-induced acute kidney injury. Clinical Science, 2018, 132, 339-359.	4.3	51
26	Podocyte Autophagy: A Potential Therapeutic Target to Prevent the Progression of Diabetic Nephropathy. Journal of Diabetes Research, 2017, 2017, 1-6.	2.3	50
27	Identification of endogenous 1â€aminopyrene as a novel mediator of progressive chronic kidney disease via aryl hydrocarbon receptor activation. British Journal of Pharmacology, 2020, 177, 3415-3435.	5.4	50
28	Specific inhibition of HDAC4 in cardiac progenitor cells enhances myocardial repairs. American Journal of Physiology - Cell Physiology, 2014, 307, C358-C372.	4.6	48
29	Delayed treatment with an autophagy inhibitor 3-MA alleviates the progression of hyperuricemic nephropathy. Cell Death and Disease, 2020, 11, 467.	6.3	48
30	Recent advances in renal interstitial fibrosis and tubular atrophy after kidney transplantation. Fibrogenesis and Tissue Repair, 2014, 7, 15.	3.4	47
31	Irisin promotes cardiac progenitor cellâ€induced myocardial repair and functional improvement in infarcted heart. Journal of Cellular Physiology, 2019, 234, 1671-1681.	4.1	47
32	Targeting histone methyltransferase enhancer of zeste homologâ€2 inhibits renal epithelialâ€mesenchymal transition and attenuates renal fibrosis. FASEB Journal, 2018, 32, 5976-5989.	0.5	46
33	EGFR signaling in renal fibrosis. Kidney International Supplements, 2014, 4, 70-74.	14.2	45
34	3-deazaneplanocin A protects against cisplatin-induced renal tubular cell apoptosis and acute kidney injury by restoration of E-cadherin expression. Cell Death and Disease, 2019, 10, 355.	6.3	44
35	Inhibition of EGF Receptor Blocks the Development and Progression of Peritoneal Fibrosis. Journal of the American Society of Nephrology: JASN, 2016, 27, 2631-2644.	6.1	43
36	Class I HDAC activity is required for renal protection and regeneration after acute kidney injury. American Journal of Physiology - Renal Physiology, 2014, 307, F303-F316.	2.7	41

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37	Irisin Ameliorates Hypoxia/Reoxygenation-Induced Injury through Modulation of Histone Deacetylase 4. PLoS ONE, 2016, 11, e0166182.	2.5	40
38	Selective inhibition of class IIa histone deacetylases alleviates renal fibrosis. FASEB Journal, 2019, 33, 8249-8262.	0.5	39
39	Autophagy in Chronic Kidney Diseases. Kidney Diseases (Basel, Switzerland), 2016, 2, 37-45.	2.5	38
40	Histone demethylase JMJD3 protects against renal fibrosis by suppressing TGFÎ² and Notch signaling and preserving PTEN expression. Theranostics, 2021, 11, 2706-2721.	10.0	37
41	Exendin-4 induces myocardial protection through MKK3 and Akt-1 in infarcted hearts. American Journal of Physiology - Cell Physiology, 2016, 310, C270-C283.	4.6	36
42	Role of Receptor Tyrosine Kinase Signaling in Renal Fibrosis. International Journal of Molecular Sciences, 2016, 17, 972.	4.1	34
43	Irisin counteracts high glucose and fatty acid-induced cytotoxicity by preserving the AMPK-insulin receptor signaling axis in C2C12 myoblasts. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E791-E805.	3.5	34
44	Heparin-binding epidermal growth factor and Src family kinases in proliferation of renal epithelial cells. American Journal of Physiology - Renal Physiology, 2008, 294, F459-F468.	2.7	33
45	The Matrix Metalloproteinaseâ€13 Inhibitor Poricoic Acid ZI Ameliorates Renal Fibrosis by Mitigating Epithelialâ€Mesenchymal Transition. Molecular Nutrition and Food Research, 2019, 63, e1900132.	3.3	33
46	Pharmacologic targeting ERK1/2 attenuates the development and progression of hyperuricemic nephropathy in rats. Oncotarget, 2017, 8, 33807-33826.	1.8	33
47	Myocyte-specific overexpressing HDAC4 promotes myocardial ischemia/reperfusion injury. Molecular Medicine, 2018, 24, 37.	4.4	32
48	New Therapies for the Treatment of Renal Fibrosis. Advances in Experimental Medicine and Biology, 2019, 1165, 625-659.	1.6	32
49	Histone Methyltransferases as Therapeutic Targets for Kidney Diseases. Frontiers in Pharmacology, 2019, 10, 1393.	3.5	32
50	Pharmacological targeting of BET proteins inhibits renal fibroblast activation and alleviates renal fibrosis. Oncotarget, 2016, 7, 69291-69308.	1.8	32
51	Blockade of ERK1/2 by U0126 alleviates uric acid-induced EMT and tubular cell injury in rats with hyperuricemic nephropathy. American Journal of Physiology - Renal Physiology, 2019, 316, F660-F673.	2.7	31
52	Identification of histone deacetylase 8 as a novel therapeutic target for renal fibrosis. FASEB Journal, 2020, 34, 7295-7310.	0.5	30
53	Genetic or pharmacologic blockade of enhancer of zeste homolog 2 inhibits the progression of peritoneal fibrosis. Journal of Pathology, 2020, 250, 79-94.	4.5	29
54	Blockade of enhancer of zeste homolog 2 alleviates renal injury associated with hyperuricemia. American Journal of Physiology - Renal Physiology, 2019, 316, F488-F505.	2.7	28

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55	Histone Methyltransferase EZH2: A Potential Therapeutic Target for Kidney Diseases. Frontiers in Physiology, 2021, 12, 640700.	2.8	28
56	1â€Hydroxypyrene mediates renal fibrosis through aryl hydrocarbon receptor signalling pathway. British Journal of Pharmacology, 2022, 179, 103-124.	5.4	28
57	Activation of Sirtuin-1 Promotes Renal Fibroblast Activation and Aggravates Renal Fibrogenesis. Journal of Pharmacology and Experimental Therapeutics, 2015, 354, 142-151.	2.5	27
58	Class IIa HDAC inhibitor TMP195 alleviates lipopolysaccharide-induced acute kidney injury. American Journal of Physiology - Renal Physiology, 2020, 319, F1015-F1026.	2.7	27
59	Application of nintedanib and other potential anti-fibrotic agents in fibrotic diseases. Clinical Science, 2019, 133, 1309-1320.	4.3	26
60	Histone deacetylase 6 inhibition counteracts the epithelial-mesenchymal transition of peritoneal mesothelial cells and prevents peritoneal fibrosis. Oncotarget, 2017, 8, 88730-88750.	1.8	25
61	Novel pharmacological inhibition of EZH2 attenuates septic shock by altering innate inflammatory responses to sepsis. International Immunopharmacology, 2019, 76, 105899.	3.8	25
62	Inhibition of EZH2 prevents acute respiratory distress syndrome (ARDS)-associated pulmonary fibrosis by regulating the macrophage polarization phenotype. Respiratory Research, 2021, 22, 194.	3.6	25
63	HDAC Inhibition Elicits Myocardial Protective Effect through Modulation of MKK3/Akt-1. PLoS ONE, 2013, 8, e65474.	2.5	25
64	Pharmacological inhibition of Src kinase protects against acute kidney injury in a murine model of renal ischemia/reperfusion. Oncotarget, 2017, 8, 31238-31253.	1.8	25
65	New Insights Into the Effects of Individual Chinese Herbal Medicines on Chronic Kidney Disease. Frontiers in Pharmacology, 2021, 12, 774414.	3.5	25
66	Src family kinases regulate renal epithelial dedifferentiation through activation of EGFR/PI3K signaling. Journal of Cellular Physiology, 2012, 227, 2138-2144.	4.1	23
67	Suramin Inhibits the Development and Progression of Peritoneal Fibrosis. Journal of Pharmacology and Experimental Therapeutics, 2014, 351, 373-382.	2.5	23
68	Histone deacetylase 6 inhibition mitigates renal fibrosis by suppressing TGF-Î² and EGFR signaling pathways in obstructive nephropathy. American Journal of Physiology - Renal Physiology, 2020, 319, F1003-F1014.	2.7	23
69	Analysis of risk factors and outcome in peritoneal dialysis patients with early-onset peritonitis: a multicentre, retrospective cohort study. BMJ Open, 2020, 10, e029949.	1.9	22
70	Blocking the histone lysine 79 methyltransferase DOT1L alleviates renal fibrosis through inhibition of renal fibroblast activation and epithelialâ€mesenchymal transition. FASEB Journal, 2019, 33, 11941-11958.	0.5	21
71	Transgenic overexpression of active HDAC4 in the heart attenuates cardiac function and exacerbates remodeling in infarcted myocardium. Journal of Applied Physiology, 2018, 125, 1968-1978.	2.5	20
72	Relationship between serum uric acid and clustering of cardiovascular disease risk factors and renal disorders among Shanghai population: a multicentre and cross-sectional study. BMJ Open, 2019, 9, e025453.	1.9	19

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73	CircN4bp1 Facilitates Sepsis-Induced Acute Respiratory Distress Syndrome through Mediating Macrophage Polarization via the miR-138-5p/EZH2 Axis. Mediators of Inflammation, 2021, 2021, 1-14.	3.0	18
74	Transglutaminase-1 Regulates Renal Epithelial Cell Proliferation through Activation of Stat-3. Journal of Biological Chemistry, 2009, 284, 3345-3353.	3.4	17
75	Protein arginine methyltransferase 1 mediates renal fibroblast activation and fibrogenesis through activation of Smad3 signaling. American Journal of Physiology - Renal Physiology, 2020, 318, F375-F387.	2.7	15
76	Epidermal Growth Factor Receptor: A Potential Therapeutic Target for Diabetic Kidney Disease. Frontiers in Pharmacology, 2020, 11, 598910.	3.5	15
77	Blockade of Autophagy Prevents the Development and Progression of Peritoneal Fibrosis. Frontiers in Pharmacology, 2021, 12, 724141.	3.5	14
78	Iron deficiency exacerbates cisplatin- or rhabdomyolysis-induced acute kidney injury through promoting iron-catalyzed oxidative damage. Free Radical Biology and Medicine, 2021, 173, 81-96.	2.9	14
79	Targeting Src attenuates peritoneal fibrosis and inhibits the epithelial to mesenchymal transition. Oncotarget, 2017, 8, 83872-83889.	1.8	13
80	Epigenetic targeting for acute kidney injury. Nephrology, 2018, 23, 21-25.	1.6	11
81	Irisin Improves Myocardial Performance and Attenuates Insulin Resistance in Spontaneous Mutation (Leprdb) Mice. Frontiers in Pharmacology, 2020, 11, 769.	3.5	11
82	IFT88 deficiency in proximal tubular cells exaggerates cisplatin-induced injury by suppressing autophagy. American Journal of Physiology - Renal Physiology, 2021, 321, F269-F277.	2.7	11
83	Association of peroxisome proliferator-activated receptorÎ³ gene Pro12Ala and C161T polymorphisms with cardiovascular risk factors in maintenance hemodialysis patients. Molecular Biology Reports, 2014, 41, 7555-7565.	2.3	10
84	Pharmacologic Targeting of BET Proteins Attenuates Hyperuricemic Nephropathy in Rats. Frontiers in Pharmacology, 2021, 12, 636154.	3.5	10
85	Porcine models of acute kidney injury. American Journal of Physiology - Renal Physiology, 2021, 320, F1030-F1044.	2.7	10
86	Requirement of Histone Deacetylase 6 for Interleukin-6 Induced Epithelial-Mesenchymal Transition, Proliferation, and Migration of Peritoneal Mesothelial Cells. Frontiers in Pharmacology, 2021, 12, 722638.	3.5	10
87	Chronic Kidney Disease Elicits an Intestinal Inflammation Resulting in Intestinal Dysmotility Associated with the Activation of Inducible Nitric Oxide Synthesis in Rat. Digestion, 2018, 97, 205-211.	2.3	9
88	Peritoneal fibrosis and epigenetic modulation. Peritoneal Dialysis International, 2021, 41, 168-178.	2.3	9
89	Vascular endothelial growth factor-mediated peritoneal neoangiogenesis in peritoneal dialysis. Peritoneal Dialysis International, 2022, 42, 25-38.	2.3	9
90	Nintedanib attenuates peritoneal fibrosis by inhibiting mesothelialâ€toâ€mesenchymal transition, inflammation and angiogenesis. Journal of Cellular and Molecular Medicine, 2021, 25, 6103-6114.	3.6	9

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91	Critical roles of SMYD2 lysine methyltransferase in mediating renal fibroblast activation and kidney fibrosis. FASEB Journal, 2021, 35, e21715.	0.5	9
92	Elevated expression of HDAC6 in clinical peritoneal dialysis patients and its pathogenic role on peritoneal angiogenesis. Renal Failure, 2020, 42, 890-901.	2.1	8
93	The Role and Mechanism of Histone Deacetylases in Acute Kidney Injury. Frontiers in Pharmacology, 2021, 12, 695237.	3.5	7
94	A Telemedicine-Based Registration System for the Management of Renal Anemia in Patients on Maintenance Hemodialysis: Multicenter Study. Journal of Medical Internet Research, 2019, 21, e13168.	4.3	7
95	Targeting lysineâ€specific demethylase 1A inhibits renal epithelialâ€“mesenchymal transition and attenuates renal fibrosis. FASEB Journal, 2022, 36, e22122.	0.5	7
96	Inhibition of <scp>EZH2</scp> suppresses peritoneal angiogenesis by targeting a <scp>VEGFR2</scp>/<scp>ERK1</scp>/2/<scp>HIF</scp>â€1Î±â€dependent signaling pathway. Journal of Pathology, 2022, 258, 164-178.	4.5	7
97	Acute Kidney Injury in HIV Infection. Journal of Tropical Diseases, 2013, 01, .	0.1	5
98	The Role of Tyrosine Kinase Receptors in Peritoneal Fibrosis. Peritoneal Dialysis International, 2015, 35, 497-505.	2.3	5
99	Inhibition of Oct 3/4 mitigates the cardiac progenitor-derived myocardial repair in infarcted myocardium. Stem Cell Research and Therapy, 2015, 6, 259.	5.5	5
100	The role of protein arginine methyltransferases in kidney diseases. Clinical Science, 2020, 134, 2037-2051.	4.3	5
101	The Role and Mechanism of Lysine Methyltransferase and Arginine Methyltransferase in Kidney Diseases. Frontiers in Pharmacology, 2022, 13, 885527.	3.5	5
102	Upregulation of AMWAP: a novel mechanism for HDAC inhibitors to protect against cisplatin nephrotoxicity. Kidney International, 2016, 89, 267-269.	5.2	4
103	p38-Regulated/activated protein kinase plays a pivotal role in protecting heart against ischemia-reperfusion injury and preserving cardiac performance. American Journal of Physiology - Cell Physiology, 2019, 317, C525-C533.	4.6	4
104	The Essential Role of PRAK in Preserving Cardiac Function and Insulin Resistance in High-Fat Diet-Induced Diabetes. International Journal of Molecular Sciences, 2021, 22, 7995.	4.1	4
105	Prevalence and related factors of hyperuricaemia in Shanghai adult women of different ages: a multicentre and cross-sectional study. BMJ Open, 2021, 11, e048405.	1.9	4
106	Inhibition of polycomb repressive complex 2 by targeting <scp>EED</scp> protects against cisplatinâ€induced acute kidney injury. Journal of Cellular and Molecular Medicine, 2022, 26, 4061-4075.	3.6	4
107	The prognosis and risk factors of baseline high peritoneal transporters on patients with peritoneal dialysis. Journal of Cellular and Molecular Medicine, 2021, 25, 8628-8644.	3.6	3
108	Delayed Administration of Nintedanib Ameliorates Fibrosis Progression in CG-Induced Peritoneal Fibrosis Mouse Model. Kidney Diseases (Basel, Switzerland), 0, , 1-15.	2.5	3

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109	Histone Acetylation and Modifiers in Renal Fibrosis. Frontiers in Pharmacology, 2022, 13, 760308.	3.5	3
110	Delayed administration of suramin attenuates peritoneal fibrosis in rats. BMC Nephrology, 2019, 20, 411.	1.8	2
111	Deletion of PRAK Mitigates the Mitochondria Function and Suppresses Insulin Signaling in C2C12 Myoblasts Exposed to High Glucose. Frontiers in Pharmacology, 2021, 12, 698714.	3.5	2
112	Ethnicity and Chronic Kidney Disease in China. , 2020, , 167-179.		1
113	Clinical outcomes, quality of life, and costs evaluation of peritoneal dialysis management models in Shanghai Songjiang District: a multi-center and prospective cohort study. Renal Failure, 2021, 43, 754-765.	2.1	1
114	Correlation analysis between expression of histone deacetylase 6 and clinical parameters in IgA nephropathy patients. Renal Failure, 2021, 43, 684-697.	2.1	0
115	Src Kinase Mediates Renal Interstitial Fibroblast Activation and Proliferation. FASEB Journal, 2013, 27, 1044.2.	0.5	0
116	A rare case of crescentic glomerulonephritis with monoclonal IgG deposits. Renal Failure, 2021, 43, 1465-1469.	2.1	0
117	Acute kidney injury due to thrombotic microangiopathy in a patient with primary SjÃ¶grenâ€™s syndrome. Renal Failure, 2022, 44, 1045-1048.	2.1	0