Jin Wei

List of Publications by Year
in descending order

32	508	623734 14	713466 21
papers	citations	h-index	g-index

32	32	32	583
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Macula Densa SGLT1-NOS1-Tubuloglomerular Feedback Pathway, a New Mechanism for Glomerular Hyperfiltration during Hyperglycemia. Journal of the American Society of Nephrology: JASN, 2019, 30, 578-593.	6.1	70
2	Macula Densa Nitric Oxide Synthase 1Î² Protects against Salt-Sensitive Hypertension. Journal of the American Society of Nephrology: JASN, 2016, 27, 2346-2356.	6.1	55
3	Inhibition of Nitric Oxide Synthase 1 Induces Salt-Sensitive Hypertension in Nitric Oxide Synthase 1Î± Knockout and Wild-Type Mice. Hypertension, 2016, 67, 792-799.	2.7	28
4	Enhanced expression and activity of Nox2 and Nox4 in the macula densa in ANG II-induced hypertensive mice. American Journal of Physiology - Renal Physiology, 2014, 306, F344-F350.	2.7	27
5	High-Protein Dietâ€“Induced Glomerular Hyperfiltration Is Dependent on Neuronal Nitric Oxide Synthase Î² in the Macula Densa via Tubuloglomerular Feedback Response. Hypertension, 2019, 74, 864-871.	2.7	24
6	Role of Kidneys in Sex Differences in Angiotensin IIâ€“Induced Hypertension. Hypertension, 2017, 70, 1219-1227.	2.7	22
7	New Mechanism for the Sex Differences in Salt-Sensitive Hypertension. Hypertension, 2020, 75, 449-457.	2.7	21
8	Role of intratubular pressure during the ischemic phase in acute kidney injury. American Journal of Physiology - Renal Physiology, 2017, 312, F1158-F1165.	2.7	19
9	A mouse model of renal ischemia-reperfusion injury solely induced by cold ischemia. American Journal of Physiology - Renal Physiology, 2019, 317, F616-F622.	2.7	19
10	New mouse model of chronic kidney disease transitioned from ischemic acute kidney injury. American Journal of Physiology - Renal Physiology, 2019, 317, F286-F295.	2.7	18
11	Shear stress blunts tubuloglomerular feedback partially mediated by primary cilia and nitric oxide at the macula densa. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R757-R766.	1.8	17
12	Role of the Primary Cilia on the Macula Densa and Thick Ascending Limbs in Regulation of Sodium Excretion and Hemodynamics. Hypertension, 2017, 70, 324-333.	2.7	17
13	Identification and function of adenosine A₃ receptor in afferent arterioles. American Journal of Physiology - Renal Physiology, 2015, 308, F1020-F1025.	2.7	16
14	Effects of different storage solutions on renal ischemia tolerance after kidney transplantation in mice. American Journal of Physiology - Renal Physiology, 2018, 314, F381-F387.	2.7	16
15	A new mouse model of hemorrhagic shock-induced acute kidney injury. American Journal of Physiology - Renal Physiology, 2017, 312, F134-F142.	2.7	14
16	Enhanced hemodynamic responses to angiotensin II in diabetes are associated with increased expression and activity of AT1 receptors in the afferent arteriole. Physiological Genomics, 2017, 49, 531-540.	2.3	14
17	Aging Impairs Renal Autoregulation in Mice. Hypertension, 2020, 75, 405-412.	2.7	14
18	Reducing ischemic kidney injury through application of a synchronization modulation electric field to maintain Na ⁺ /K ⁺ -ATPase functions. Science Translational Medicine, 2022, 14, eabj4906.	12.4	13

#	Article	IF	Citations
19	A new low-nephron CKD model with hypertension, progressive decline of renal function, and enhanced inflammation in C57BL/6 mice. American Journal of Physiology - Renal Physiology, 2018, 314, F1008-F1019.	2.7	12
20	A two-stage bilateral ischemia-reperfusion injury-induced AKI to CKD transition model in mice. American Journal of Physiology - Renal Physiology, 2020, 319, F304-F311.	2.7	12
21	NaHCO ₃ Dilates Mouse Afferent Arteriole Via Na ⁺ /HCO ₃ ^{â^'} Cotransporters NBCs. Hypertension, 2019, 74, 1104-1112.	2.7	11
22	Cross-sex transplantation alters gene expression and enhances inflammatory response in the transplanted kidneys. American Journal of Physiology - Renal Physiology, 2017, 313, F326-F338.	2.7	9
23	Glucose dilates renal afferent arterioles via glucose transporter-1. American Journal of Physiology - Renal Physiology, 2018, 315, F123-F129.	2.7	8
24	Macula Densa NOS1Î² Modulates Renal Hemodynamics and Blood Pressure during Pregnancy: Role in Gestational Hypertension. Journal of the American Society of Nephrology: JASN, 2021, 32, 2485-2500.	6.1	8
25	Role of the macula densa sodium glucose cotransporter type 1-neuronal nitric oxide synthase-tubuloglomerular feedback pathway in diabetic hyperfiltration. Kidney International, 2022, 101, 541-550.	5.2	8
26	A new mechanism for the sex differences in angiotensin II-induced hypertension: the role of macula densa NOS1Î²-mediated tubuloglomerular feedback. American Journal of Physiology - Renal Physiology, 2020, 319, F908-F919.	2.7	6
27	Knockout of Macula Densa Neuronal Nitric Oxide Synthase Increases Blood Pressure in db/db Mice. Hypertension, 2021, 78, 1760-1770.	2.7	6
28	Graft function assessment in mouse models of single- and dual-kidney transplantation. American Journal of Physiology - Renal Physiology, 2018, 315, F628-F636.	2.7	4
29	Macula Densa NOS1 Protects Against Acute Kidney Injury (AKI) Mediated by Primary Cilia. FASEB Journal, 2013, 27, 910.8.	0.5	0
30	A New Model of Hemorrhagic Shockâ€Induced Acute Kidney Injury. FASEB Journal, 2015, 29, 807.4.	0.5	0
31	Macula Densa Intracellular Alkalinization Activates NOS1Î² but Suppresses NOS1Î± during Tubuloglomerular Feedback. FASEB Journal, 2022, 36, .	0.5	0
32	New Insights into Juxtaglomerular Cells via Singleâ€Cell RNAâ€Sequencing. FASEB Journal, 2022, 36, .	0.5	0