Ashley C Johnson

List of Publications by Year
in descending order

32 papers	267 citations	1307594 7 h-index	996975 15 g-index
32 all docs	32 docs citations	32 times ranked	384 citing authors

#	Article	IF	Citations
1	A small-molecule inhibitor of TRPC5 ion channels suppresses progressive kidney disease in animal models. Science, 2017, 358, 1332-1336.	12.6	135
2	Early development of podocyte injury independently of hyperglycemia and elevations in arterial pressure in nondiabetic obese Dahl SS leptin receptor mutant rats. American Journal of Physiology - Renal Physiology, 2016, 311, F793-F804.	2.7	16
3	Spontaneous one-kidney rats are more susceptible to develop hypertension by DOCA-NaCl and subsequent kidney injury compared with uninephrectomized rats. American Journal of Physiology - Renal Physiology, 2016, 310, F1054-F1064.	2.7	16
4	Loss of Arhgef11 in the Dahl Salt-Sensitive Rat Protects Against Hypertension-Induced Renal Injury. Hypertension, 2020, 75, 1012-1024.	2.7	15
5	Altered renal hemodynamics is associated with glomerular lipid accumulation in obese Dahl salt-sensitive leptin receptor mutant rats. American Journal of Physiology - Renal Physiology, 2020, 318, F911-F921.	2.7	14
6	Sept8/SEPTIN8 involvement in cellular structure and kidney damage is identified by genetic mapping and a novel human tubule hypoxic model. Scientific Reports, 2021, 11, 2071.	3.3	13
7	A mutation in the start codon of Î³-crystallin D leads to nuclear cataracts in the Dahl SS/Jr-Ctr strain. Mammalian Genome, 2013, 24, 95-104.	2.2	12
8	Spontaneous superimposed preeclampsia: chronology and expression unveiled by temporal transcriptomic analysis. Physiological Genomics, 2019, 51, 342-355.	2.3	10
9	Allelic Variants in Arhgef11 via the Rho-Rock Pathway Are Linked to Epithelialâ€“Mesenchymal Transition and Contributes to Kidney Injury in the Dahl Salt-Sensitive Rat. PLoS ONE, 2015, 10, e0132553.	2.5	10
10	Gestational gut microbial remodeling is impaired in a rat model of preeclampsia superimposed on chronic hypertension. Physiological Genomics, 2021, 53, 125-136.	2.3	8
11	Whole genome sequencing and novel candidate genes for CAKUT and altered nephrogenesis in the HSRA rat. Physiological Genomics, 2020, 52, 56-70.	2.3	5
12	Nitric oxide and oxidative stress pathways do not contribute to sex differences in renal injury and function in Dahl SS/Jr rats. Physiological Reports, 2020, 8, e14440.	1.7	5
13	Sildenafil Citrate Does Not Reprogram Risk of Hypertension and Chronic Kidney Disease in Offspring of Preeclamptic Pregnancies in the Dahl SS/Jr Rat. Kidney360, 2020, 1, 510-520.	2.1	3
14	Nephron-deficient HSRA rats exhibit renal injury with age but have limited renal damage from streptozotocin-induced hyperglycemia. American Journal of Physiology - Renal Physiology, 2021, 320, F1093-F1105.	2.7	2
15	Single cell RNA sequencing reveals ferritin as a key mediator of autoimmune pre-disposition in a mouse model of systemic lupus erythematosus. Scientific Reports, 2021, 11, 24245.	3.3	2
16	Curcumin Does Not Attenuate the Preeclamptic Phenotype in the Dahl Saltâ€Sensitive Rat. FASEB Journal, 2019, 33, 574.8.	0.5	1
17	Genetic Knockout of Cingulinâ€like 1 Reduces Renal Injury and Blood Pressure in Dahl Saltâ€Sensitive Rats. FASEB Journal, 2021, 35, .	0.5	0
18	Establishing Biomarkers of Hypertension Related Kidney Disease in a Novel Rat Model. FASEB Journal, 2012, 26, 1098.9.	0.5	0

#	Article	IF	Citations
19	Congenital Solitary Kidney Rats are Predisposed to Significant Renal Injury. FASEB Journal, 2012, 26, 1101.11.	0.5	0
20	Genetic defects in congenital solitary kidney rats cause low nephron numbers and predispose to severe renal damage. FASEB Journal, 2013, 27, 1115.6.	0.5	0
21	Genetic variants in Arhgef11 promote kidney injury and reduced renal function in Dahl S rats. FASEB Journal, 2013, 27, 955.10.	0.5	0
22	Identifying causative genetic variants linked to reduced kidney function through congenic strain analysis and whole genome sequencing. FASEB Journal, 2013, 27, 955.14.	0.5	0
23	Biomarkers of kidney disease identified using a novel rat model and evaluated in human CKD patients. FASEB Journal, 2013, 27, 1115.19.	0.5	0
24	Initial characterization of leptin receptor knockout Dahl saltâ€sensitive rats (1121.2). FASEB Journal, 2014, 28, 1121.2.	0.5	0
25	IDENTIFICATION OF A GENOMIC DRUG TARGET FOR KIDNEY INJURY AND THERAPEUTIC SCREENING OF NATURAL PRODUCTS DERIVED SMALL MOLECULES. FASEB Journal, 2015, 29, 665.8.	0.5	0
26	Searching for the genetic basis and mechanism of nephrogenesis defects in the HSRA congenital solitary kidney rat. FASEB Journal, 2015, 29, 665.9.	0.5	0
27	Early Development of Glomerular Injury in Dahl Saltâ€Sensitive (SS) Rats with Metabolic Syndrome Independent of Diabetes and Hypertension. FASEB Journal, 2015, 29, 964.8.	0.5	0
28	Investigating the Interaction of Nephron Deficiency and Diabetes using a Novel Oneâ€Kidney Rat Model. FASEB Journal, 2019, 33, 573.8.	0.5	0
29	Physiological Omics Identifies Mechanisms that Attenuate Renal Injury and Blood Pressure in Dahl saltâ€sensitive Arhgef11 â^'/â^' Rats. FASEB Journal, 2019, 33, 571.1.	0.5	0
30	Whole Genome Sequencing of a Rat Model of Congenital Abnormalities of Kidney and Urinary Tract. FASEB Journal, 2019, 33, 596.1.	0.5	0
31	Exploring the Link between Superimposed Preeclampsia and the Gut Microbiome. FASEB Journal, 2019, 33, lb526.	0.5	0
32	Loss of Cingulinâ€like 1 in Dahl Saltâ€Sensitive Rats Leads to Reduced Renal Injury and Blood Pressure. FASEB Journal, 2022, 36, .	0.5	0