

Jennifer M Sasser

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55
papers

886
citations

15
h-index

29
g-index

62
ext. papers

1,065
ext. citations

3.8
avg, IF

4.64
L-index

#	Paper	IF	Citations
55	Gestational gut microbial remodeling is impaired in a rat model of preeclampsia superimposed on chronic hypertension. <i>Physiological Genomics</i> , 2021 , 53, 125-136	3.6	2
54	Specific Lowering of Asymmetric Dimethylarginine by Pharmacological Dimethylarginine Dimethylaminohydrolase Improves Endothelial Function, Reduces Blood Pressure and Ischemia-Reperfusion Injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021 , 376, 181-189	4.7	8
53	Endothelial cell disruption drives increased blood-brain barrier permeability and cerebral edema in the Dahl SS/jr rat model of superimposed preeclampsia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 320, H535-H548	5.2	2
52	Immunological comparison of pregnant Dahl salt-sensitive and Sprague-Dawley rats commonly used to model characteristics of preeclampsia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 321, R125-R138	3.2	0
51	1,3-Butanediol attenuates hypertension and suppresses kidney injury in female rats. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 319, F106-F114	4.3	9
50	Temporal hemodynamic changes in a female mouse model of systemic lupus erythematosus. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 318, F1074-F1085	4.3	2
49	Loss of in the Dahl Salt-Sensitive Rat Protects Against Hypertension-Induced Renal Injury. <i>Hypertension</i> , 2020 , 75, 1012-1024	8.5	5
48	Sodium Thiosulfate in the Pregnant Dahl Salt-Sensitive Rat, a Model of Preeclampsia. <i>Biomolecules</i> , 2020 , 10,	5.9	7
47	Blood Brain Barrier Permeability and Brain Capillary Endothelial Cell Tight Junctions in the Dahl S Model of Spontaneous Superimposed Preeclampsia. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
46	Sildenafil Citrate Does Not Reprogram Risk of Hypertension and Chronic Kidney Disease in Offspring of Preeclamptic Pregnancies in the Dahl SS/Jr Rat.. <i>Kidney360</i> , 2020 , 1, 510-520	1.8	2
45	The glucagon-like peptide 1 receptor agonist liraglutide attenuates placental ischemia-induced hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 318, H72-H77	5.2	10
44	Nitric oxide and oxidative stress pathways do not contribute to sex differences in renal injury and function in Dahl SS/Jr rats. <i>Physiological Reports</i> , 2020 , 8, e14440	2.6	3
43	Blood pressure and albuminuria in a female mouse model of systemic lupus erythematosus: impact of long-term high salt consumption. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020 , 319, R448-R454	3.2	2
42	Preeclampsia beyond pregnancy: long-term consequences for mother and child. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 318, F1315-F1326	4.3	36
41	Prenatal Sildenafil Therapy Improves Cardiovascular Function in Fetal Growth Restricted Offspring of Dahl Salt-Sensitive Rats. <i>Hypertension</i> , 2019 , 73, 1120-1127	8.5	6
40	Expansion of regulatory T cells using low-dose interleukin-2 attenuates hypertension in an experimental model of systemic lupus erythematosus. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 317, F1274-F1284	4.3	7
39	Spontaneous superimposed preeclampsia: chronology and expression unveiled by temporal transcriptomic analysis. <i>Physiological Genomics</i> , 2019 , 51, 342-355	3.6	3

38	Human recombinant relaxin-2 does not attenuate hypertension or renal injury but exacerbates vascular dysfunction in a female mouse model of SLE. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 317, H234-H242	5.2	1
37	Recombinant Human Relaxin-2 Treatment in an Experimental Female Mouse Model of Autoimmune Disease with Hypertension. <i>FASEB Journal</i> , 2019 , 33, 574.2	0.9	
36	Curcumin Does Not Attenuate the Preeclamptic Phenotype in the Dahl Salt-Sensitive Rat. <i>FASEB Journal</i> , 2019 , 33, 574.8	0.9	0
35	Cerebral Blood Flow Autoregulation in Hypertensive Models of Pregnancy. <i>FASEB Journal</i> , 2019 , 33, 865.1	0.9	
34	Exploring the Link between Superimposed Preeclampsia and the Gut Microbiome. <i>FASEB Journal</i> , 2019 , 33, 1b526	0.9	
33	Postpartum Changes in Microglia Density and Activation in a Rat Model of Superimposed Preeclampsia. <i>FASEB Journal</i> , 2019 , 33, 557.2	0.9	
32	Superimposed Preeclampsia Exacerbates Postpartum Renal Injury Despite Lack of Long-Term Blood Pressure Difference in the Dahl Salt-Sensitive Rat. <i>Hypertension</i> , 2019 , 73, 650-658	8.5	14
31	Vascular Permeability is increased in Cerebral Arteries from the Dahl S Model of Superimposed Preeclampsia. <i>FASEB Journal</i> , 2018 , 32, 911.8	0.9	
30	ELP-VEGF Treatment Improves the Maternal Syndrome of Preeclampsia in the Dahl Salt Sensitive (S) Rat. <i>FASEB Journal</i> , 2018 , 32, 911.7	0.9	
29	Sildenafil Treatment Ameliorates the Maternal Syndrome of Preeclampsia and Rescues Fetal Growth in the Dahl Salt-Sensitive Rat. <i>Hypertension</i> , 2016 , 67, 647-53	8.5	50
28	The enigma of continual plasma volume expansion in pregnancy: critical role of the renin-angiotensin-aldosterone system. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, F1125-F1134	4.3	14
27	Vascular smooth muscle-specific deletion of the leptin receptor attenuates leptin-induced alterations in vascular relaxation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 310, R960-7	3.2	6
26	Spontaneous one-kidney rats are more susceptible to develop hypertension by DOCA-NaCl and subsequent kidney injury compared with uninephrectomized rats. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 310, F1054-64	4.3	14
25	Endothelin, sex, and pregnancy: unique considerations for blood pressure control in females. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 310, R691-6	3.2	8
24	The Dahl salt-sensitive rat is a spontaneous model of superimposed preeclampsia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R62-70	3.2	54
23	Blood pressure, sex, and female sex hormones influence renal inner medullary nitric oxide synthase activity and expression in spontaneously hypertensive rats. <i>Journal of the American Heart Association</i> , 2015 , 4,	6	12
22	Sildenafil Treatment Improves the Maternal Syndrome in the Preeclamptic Dahl Salt Sensitive (S) Rat. <i>FASEB Journal</i> , 2015 , 29, 810.7	0.9	
21	Serelaxin Improves Blood Pressure and Uterine Artery Resistance in the Reduced Uterine Perfusion Pressure (RUPP) Rat Model of Preeclampsia. <i>FASEB Journal</i> , 2015 , 29, 810.8	0.9	

20	New targets for renal interstitial fibrosis: relaxin family peptide receptor 1-angiotensin type 2 receptor heterodimers. <i>Kidney International</i> , 2014 , 86, 9-10	9.9	5
19	Serelaxin reduces oxidative stress and asymmetric dimethylarginine in angiotensin II-induced hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 307, F1355-62	4.3	45
18	The emerging role of relaxin as a novel therapeutic pathway in the treatment of chronic kidney disease. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 305, R559-65	3.2	19
17	Using the T2DN rat as a model to determine therapeutic efficacy of Serelaxin (recombinant human relaxin-2) for Diabetic Nephropathy. <i>FASEB Journal</i> , 2013 , 27, lb889	0.9	
16	Chronic vasodilation increases collecting duct (CD) PDE5A and ENaC through independent renin-angiotensin-aldosterone system (RAAS) pathways. <i>FASEB Journal</i> , 2013 , 27, 907.8	0.9	
15	Nebivolol does not protect against 5/6 ablation/infarction induced chronic kidney disease in rats - comparison with angiotensin II receptor blockade. <i>Life Sciences</i> , 2012 , 91, 54-63	6.8	11
14	Sexual dimorphism in development of kidney damage in aging Fischer-344 rats. <i>Gender Medicine</i> , 2012 , 9, 219-31		9
13	Protective actions of nebivolol on chronic nitric oxide synthase inhibition-induced hypertension and chronic kidney disease in the rat: a comparison with angiotensin II receptor blockade. <i>Nephrology Dialysis Transplantation</i> , 2012 , 27, 913-20	4.3	15
12	Relaxin (RLX) lowers plasma levels of asymmetric dimethylarginine (ADMA) during chronic angiotensin II (ANGII) infusion. <i>FASEB Journal</i> , 2012 , 26, 875.6	0.9	
11	Protection against age-dependent renal injury in the F344xBrown Norway male rat is associated with maintained nitric oxide synthase. <i>Mechanisms of Ageing and Development</i> , 2011 , 132, 1-7	5.6	12
10	Relaxin ameliorates hypertension and increases nitric oxide metabolite excretion in angiotensin II but not N ^G -nitro-L-arginine methyl ester hypertensive rats. <i>Hypertension</i> , 2011 , 58, 197-204	8.5	54
9	Effects of sildenafil on maternal hemodynamics and fetal growth in normal rat pregnancy. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 298, R433-8	3.2	23
8	Increased renal phosphodiesterase-5 activity mediates the blunted natriuretic response to a nitric oxide donor in the pregnant rat. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 299, F810-4	4.3	13
7	Asymmetric dimethylarginine in angiotensin II-induced hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 298, R740-6	3.2	45
6	Asymmetric Dimethylarginine (ADMA) Regulation in Puromycin Aminonucleoside (PAN) Induced Chronic Kidney Disease (CKD). <i>FASEB Journal</i> , 2010 , 24, 812.27	0.9	
5	Chronic nifedipine mimics plasma volume expansion (PVE) seen in pregnancy - support for the underfill theory. <i>FASEB Journal</i> , 2009 , 23, 969.6	0.9	
4	The natriuretic and diuretic response to dopamine is maintained during rat pregnancy. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 294, F1342-4	4.3	10
3	Endothelin A receptor blockade reduces diabetic renal injury via an anti-inflammatory mechanism. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 143-54	12.7	158

2	Reduced NOS3 phosphorylation mediates reduced NO/cGMP signaling in mesenteric arteries of deoxycorticosterone acetate-salt hypertensive rats. <i>Hypertension</i> , 2004 , 43, 1080-5	8.5	27
1	Renal endothelin in chronic angiotensin II hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002 , 283, R243-8	3.2	86