

Jennifer M Sasser

List of Publications by Year in descending order

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62
papers

1,203
citations

567281

15
h-index

395702

33
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62
all docs

62
docs citations

62
times ranked

1469
citing authors

#	ARTICLE	IF	CITATIONS
1	Periconceptual 1,3-butanediol supplementation suppresses the superimposed preeclampsia-like phenotype in the Dahl salt-sensitive rat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H285-H295.	3.2	2
2	Pial Vessel-Associated Microglia/Macrophages Increase in Female Dahl-SS/Jr Rats Independent of Pregnancy History. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3384.	4.1	3
3	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.	2.5	13
4	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.	3.2	9
5	Gestational gut microbial remodeling is impaired in a rat model of preeclampsia superimposed on chronic hypertension. <i>Physiological Genomics</i> , 2021, 53, 125-136.	2.3	8
6	Prenatal Sildenafil treatment prevents postpartum neuroinflammation in the Dahl SS/Jr model of superimposed preeclampsia. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
7	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.	1.8	3
8	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.	3.2	16
9	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.	1.7	5
10	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.	1.8	5
11	1,3-Butanediol attenuates hypertension and suppresses kidney injury in female rats. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, F106-F114.	2.7	15
12	Temporal hemodynamic changes in a female mouse model of systemic lupus erythematosus. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, F1074-F1085.	2.7	5
13	Loss of <i>Arhgef11</i> in the Dahl Salt-Sensitive Rat Protects Against Hypertension-Induced Renal Injury. <i>Hypertension</i> , 2020, 75, 1012-1024.	2.7	15
14	Sodium Thiosulfate in the Pregnant Dahl Salt-Sensitive Rat, a Model of Preeclampsia. <i>Biomolecules</i> , 2020, 10, 302.	4.0	15
15	Preeclampsia beyond pregnancy: long-term consequences for mother and child. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, F1315-F1326.	2.7	122
16	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.	2.1	3
17	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.	0.5	0
18	Spontaneous superimposed preeclampsia: chronology and expression unveiled by temporal transcriptomic analysis. <i>Physiological Genomics</i> , 2019, 51, 342-355.	2.3	10

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19	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.	3.2	2
20	Prenatal Sildenafil Therapy Improves Cardiovascular Function in Fetal Growth Restricted Offspring of Dahl Salt-Sensitive Rats. <i>Hypertension</i> , 2019, 73, 1120-1127.	2.7	17
21	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.	2.7	15
22	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.	2.7	25
23	Recombinant Human Relaxin Treatment in an Experimental Female Mouse Model of Autoimmune Disease with Hypertension. <i>FASEB Journal</i> , 2019, 33, 574.2.	0.5	0
24	Curcumin Does Not Attenuate the Preeclamptic Phenotype in the Dahl Salt-Sensitive Rat. <i>FASEB Journal</i> , 2019, 33, 574.8.	0.5	1
25	Intrapartum Sildenafil Therapy Reprograms Susceptibility to Hypertension in Offspring of Dahl S Rats. <i>FASEB Journal</i> , 2019, 33, .	0.5	0
26	Cerebral Blood Flow Autoregulation in Hypertensive Models of Pregnancy. <i>FASEB Journal</i> , 2019, 33, 865.1.	0.5	0
27	Exploring the Link between Superimposed Preeclampsia and the Gut Microbiome. <i>FASEB Journal</i> , 2019, 33, lb526.	0.5	0
28	Postpartum Changes in Microglia Density and Activation in a Rat Model of Superimposed Preeclampsia. <i>FASEB Journal</i> , 2019, 33, 557.2.	0.5	0
29	Vascular Permeability is increased in Cerebral Arteries from the Dahl S Model of Superimposed Preeclampsia. <i>FASEB Journal</i> , 2018, 32, 911.8.	0.5	0
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.	0.5	0
31	Natural killer cells and T lymphocytes in pregnancy and pre-eclampsia. <i>Clinical Science</i> , 2017, 131, 2911-2917.	4.3	35
32	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.	2.7	61
33	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-R967.	1.8	10
34	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-F1064.	2.7	16
35	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-R696.	1.8	10
36	Sildenafil Treatment Ameliorates the Maternal Syndrome of Preeclampsia and Rescues Fetal Growth in the Dahl Salt-Sensitive Rat. <i>Hypertension</i> , 2016, 67, 647-653.	2.7	61

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37	The Dahl salt-sensitive rat is a spontaneous model of superimposed preeclampsia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R62-R70.	1.8	69
38	Blood Pressure, Sex, and Female Sex Hormones Influence Renal Inner Medullary Nitric Oxide Synthase Activity and Expression in Spontaneously Hypertensive Rats. Journal of the American Heart Association, 2015, 4, .	3.7	16
39	Emerging drugs for preeclampsia – the endothelium as a target. Expert Opinion on Emerging Drugs, 2015, 20, 527-530.	2.4	25
40	Sildenafil Treatment Improves the Maternal Syndrome in the Preeclamptic Dahl Salt Sensitive (S) Rat. FASEB Journal, 2015, 29, 810.7.	0.5	0
41	Serelaxin Improves Blood Pressure and Uterine Artery Resistance in the Reduced Uterine Perfusion Pressure (RUPP) Rat Model of Preeclampsia. FASEB Journal, 2015, 29, 810.8.	0.5	0
42	New targets for renal interstitial fibrosis: relaxin family peptide receptor 1 – angiotensin type 2 receptor heterodimers. Kidney International, 2014, 86, 9-10.	5.2	6
43	Serelaxin reduces oxidative stress and asymmetric dimethylarginine in angiotensin II-induced hypertension. American Journal of Physiology - Renal Physiology, 2014, 307, F1355-F1362.	2.7	49
44	The emerging role of relaxin as a novel therapeutic pathway in the treatment of chronic kidney disease. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R559-R565.	1.8	24
45	Using the T2DN rat as a model to determine therapeutic efficacy of Serelaxin (recombinant human) Tj ETQq1 1 0.784314 rgBJ /Overlo	0.5	0
46	Relaxin increases renal inner medullary NOS1 – 2 expression during chronic angiotensin II infusion. FASEB Journal, 2013, 27, .	0.5	0
47	Chronic vasodilation increases collecting duct (CD) PDE5A and – ENaC through independent renin – angiotensin – aldosterone system (RAAS) pathways. FASEB Journal, 2013, 27, 907.8.	0.5	0
48	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. Nephrology Dialysis Transplantation, 2012, 27, 913-920.	0.7	16
49	Nebivolol does not protect against 5/6 ablation/infarction induced chronic kidney disease in rats – Comparison with angiotensin II receptor blockade. Life Sciences, 2012, 91, 54-63.	4.3	12
50	Sexual Dimorphism in Development of Kidney Damage in Aging Fischer-344 Rats. Gender Medicine, 2012, 9, 219-231.	1.4	9
51	Relaxin (RLX) lowers plasma levels of asymmetric dimethylarginine (ADMA) during chronic angiotensin II (ANGII) infusion. FASEB Journal, 2012, 26, 875.6.	0.5	0
52	Protection against age-dependent renal injury in the F344xBrown Norway male rat is associated with maintained nitric oxide synthase. Mechanisms of Ageing and Development, 2011, 132, 1-7.	4.6	12
53	Relaxin Ameliorates Hypertension and Increases Nitric Oxide Metabolite Excretion in Angiotensin II But Not – Nitro- – Arginine Methyl Ester Hypertensive Rats. Hypertension, 2011, 58, 197-204.	2.7	56
54	Effects of sildenafil on maternal hemodynamics and fetal growth in normal rat pregnancy. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R433-R438.	1.8	24

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55	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-F814.	2.7	15
56	Asymmetric dimethylarginine in angiotensin II-induced hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R740-R746.	1.8	47
57	Asymmetric Dimethylarginine (ADMA) Regulation in Puromycin Aminonucleoside (PAN) Induced Chronic Kidney Disease (CKD). <i>FASEB Journal</i> , 2010, 24, 812.27.	0.5	0
58	Chronic nifedipine mimics plasma volume expansion (PVE) seen in pregnancy – support for the underfill theory. <i>FASEB Journal</i> , 2009, 23, 969.6.	0.5	0
59	The natriuretic and diuretic response to dopamine is maintained during rat pregnancy. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, F1342-F1344.	2.7	11
60	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, 143-154.	6.1	177
61	Reduced NOS3 Phosphorylation Mediates Reduced NO/cGMP Signaling in Mesenteric Arteries of Deoxycorticosterone Acetate-Salt Hypertensive Rats. <i>Hypertension</i> , 2004, 43, 1080-1085.	2.7	30
62	Renal endothelin in chronic angiotensin II hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 283, R243-R248.	1.8	103