

Sarah H Lindsey

List of Publications by Citations

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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.

61
papers

1,318
citations

20
h-index

35
g-index

81
ext. papers

1,578
ext. citations

4.3
avg, IF

4.58
L-index

#	Paper	IF	Citations
61	Chronic treatment with the G protein-coupled receptor 30 agonist G-1 decreases blood pressure in ovariectomized mRen2.Lewis rats. <i>Endocrinology</i> , 2009 , 150, 3753-8	4.8	128
60	Role of estrogen in diastolic dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 306, H628-40	5.2	115
59	Activation of GPR30 attenuates diastolic dysfunction and left ventricle remodelling in oophorectomized mRen2.Lewis rats. <i>Cardiovascular Research</i> , 2012 , 94, 96-104	9.9	86
58	Vasodilation in response to the GPR30 agonist G-1 is not different from estradiol in the mRen2.Lewis female rat. <i>Journal of Cardiovascular Pharmacology</i> , 2011 , 57, 598-603	3.1	84
57	Estrogen receptor GPR30 reduces oxidative stress and proteinuria in the salt-sensitive female mRen2.Lewis rat. <i>Hypertension</i> , 2011 , 58, 665-71	8.5	79
56	Attenuation of salt-induced cardiac remodeling and diastolic dysfunction by the GPER agonist G-1 in female mRen2.Lewis rats. <i>PLoS ONE</i> , 2010 , 5, e15433	3.7	76
55	Vasodilation by GPER in mesenteric arteries involves both endothelial nitric oxide and smooth muscle cAMP signaling. <i>Steroids</i> , 2014 , 81, 99-102	2.8	68
54	GPER-novel membrane oestrogen receptor. <i>Clinical Science</i> , 2016 , 130, 1005-16	6.5	64
53	Differential regulation of circulating and renal ACE2 and ACE in hypertensive mRen2.Lewis rats with early-onset diabetes. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 302, F1374-84	4.3	58
52	Estrogen receptor profiles across tissues from male and female Rattus norvegicus. <i>Biology of Sex Differences</i> , 2019 , 10, 4	9.3	54
51	New insights into arterial stiffening: does sex matter?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 315, H1073-H1087	5.2	42
50	Reduced vasorelaxation to estradiol and G-1 in aged female and adult male rats is associated with GPR30 downregulation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 305, E113-8	6	42
49	Uterine artery dysfunction in pregnant ACE2 knockout mice is associated with placental hypoxia and reduced umbilical blood flow velocity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 309, E84-94	6	39
48	Evidence that the G protein-coupled membrane receptor GPR30 contributes to the cardiovascular actions of estrogen. <i>Gender Medicine</i> , 2011 , 8, 343-54		32
47	Ethanol-Induced Impairments in Spatial Working Memory Are Not Due to Deficits in Learning. <i>Alcoholism: Clinical and Experimental Research</i> , 2001 , 25, 856-861	3.7	29
46	GPER activation ameliorates aortic remodeling induced by salt-sensitive hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 310, H953-61	5.2	28
45	Influence of estrogen depletion and salt loading on renal angiotensinogen expression in the mRen(2).Lewis strain. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 299, F35-42	4.3	25

44	Spectral photoacoustic imaging to estimate in vivo placental oxygenation during preeclampsia. <i>Scientific Reports</i> , 2019 , 9, 558	4.9	23
43	G Protein-Coupled Estrogen Receptor Protects From Angiotensin II-Induced Increases in Pulse Pressure and Oxidative Stress. <i>Frontiers in Endocrinology</i> , 2019 , 10, 586	5.7	21
42	Female Heart Health: Is GPER the Missing Link?. <i>Frontiers in Endocrinology</i> , 2019 , 10, 919	5.7	21
41	Cyclic stretch decreases TRPC4 protein and capacitative calcium entry in rat vascular smooth muscle cells. <i>Life Sciences</i> , 2008 , 83, 29-34	6.8	17
40	Effect of menopausal hormone therapy on components of the metabolic syndrome. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2016 ,	3.4	16
39	Quantitative trait loci mapping for ethanol sensitivity and neurotensin receptor density in an F2 intercross derived from inbred high and low alcohol sensitivity selectively bred rat lines. <i>Alcoholism: Clinical and Experimental Research</i> , 2004 , 28, 1796-804	3.7	14
38	Evidence for G-Protein-Coupled Estrogen Receptor as a Pronatriuretic Factor. <i>Journal of the American Heart Association</i> , 2020 , 9, e015110	6	13
37	Stable Density and Dynamics of Dendritic Spines of Cortical Neurons Across the Estrous Cycle While Expressing Differential Levels of Sensory-Evoked Plasticity. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 83	6.1	12
36	Smooth muscle regional contribution to vaginal wall function. <i>Interface Focus</i> , 2019 , 9, 20190025	3.9	12
35	Behavioral characterization of alcohol-tolerant and alcohol-nontolerant rat lines and an f(2) generation. <i>Behavior Genetics</i> , 2004 , 34, 453-63	3.2	12
34	Amelioration of renal injury and oxidative stress by the nNOS inhibitor L-VNIO in the salt-sensitive mRen2.Lewis congenic rat. <i>Journal of Cardiovascular Pharmacology</i> , 2012 , 59, 529-38	3.1	11
33	Evaluating residual strain throughout the murine female reproductive system. <i>Journal of Biomechanics</i> , 2019 , 82, 299-306	2.9	11
32	Inconsistent blood pressure phenotype in female Dahl salt-sensitive rats. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, F1391-F1392	4.3	8
31	Long- but not short-term estradiol treatment induces renal damage in midlife ovariectomized Long-Evans rats. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, F305-F311	4.3	7
30	Stretch-induced TRPC4 downregulation is accompanied by reduced capacitative Ca ²⁺ entry in WKY but not SHR mesenteric smooth muscle cells. <i>Clinical and Experimental Hypertension</i> , 2010 , 32, 288-92	2.2	7
29	Sex and Gender Differences in Cardiovascular Disease 2016 , 61-87		7
28	Bazedoxifene-induced vasodilation and inhibition of vasoconstriction is significantly greater than estradiol. <i>Menopause</i> , 2019 , 26, 172-181	2.5	7
27	Sex differences in metabolic effects of angiotensin-(1-7) treatment in obese mice. <i>Biology of Sex Differences</i> , 2019 , 10, 36	9.3	6

26	Urinary angiotensinogen increases in the absence of overt renal injury in high fat diet-induced type 2 diabetic mice. <i>Journal of Diabetes and Its Complications</i> , 2020 , 34, 107448	3.2	6
25	Angiotensin II represses Npr1 expression and receptor function by recruitment of transcription factors CREB and HSF-4a and activation of HDACs. <i>Scientific Reports</i> , 2020 , 10, 4337	4.9	5
24	Differential effects of late-life initiation of low-dose enalapril and losartan on diastolic function in senescent Fischer 344 x Brown Norway male rats. <i>Age</i> , 2012 , 34, 831-43		5
23	Transforming growth factor β antagonizes the transcription, expression and vascular signaling of guanylyl cyclase/natriuretic peptide receptor A - role of β 1. <i>FEBS Journal</i> , 2016 , 283, 1767-81	5.7	4
22	Alterations in the estrogen receptor profile of cardiovascular tissues during aging. <i>GeroScience</i> , 2021 , 43, 433-442	8.9	4
21	Analysis of erectile responses to bradykinin in the anesthetized rat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 309, H499-511	5.2	3
20	Medroxyprogesterone opposes estradiol-induced renal damage in midlife ovariectomized Long Evans rats. <i>Menopause</i> , 2020 , 27, 1411-1419	2.5	2
19	GPR30 Attenuates Functional AT1 Receptor Expression in Rat Mesenteric Smooth Muscle Cells. <i>FASEB Journal</i> , 2011 , 25, 1088.8	0.9	2
18	Efficacy of glucagon-like peptide-1 and estrogen dual agonist in pancreatic islets protection and pre-clinical models of insulin-deficient diabetes.. <i>Cell Reports Medicine</i> , 2022 , 3, 100598	18	2
17	Sex and the G Protein-Coupled Estrogen Receptor Impact Vascular Stiffness. <i>Hypertension</i> , 2021 , 78, e1-e14	8.5	1
16	Glycolytic and Oxidative Phosphorylation Defects Precede the Development of Senescence in Primary Human Brain Microvascular Endothelial Cells.. <i>GeroScience</i> , 2022 , 1	8.9	1
15	4007 Medroxyprogesterone Upregulates the Glucocorticoid Receptor in Female Long Evans Rats. <i>Journal of Clinical and Translational Science</i> , 2020 , 4, 12-12	0.4	
14	Impact of Ovariectomy on Arterial Stiffness. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
13	Impact of Aging and G Protein-Coupled Estrogen Receptor Deletion in Arterial Stiffening and Cardiac Function in Male and Female Mice. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
12	G Protein-coupled Estrogen Receptor Protects Against Aging-Induced Vascular Dysfunction in Females but Not Males.. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
11	Angiotensin II Represses Guanylyl Cyclase/Natriuretic Peptide Receptor-A Gene Expression and Receptor Signaling and Function. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
10	Trafficking of the Prorenin Receptor in Endothelial Cells. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
9	Impact of GPER, Sex, and Age on Arterial Stiffness and Fibrotic Gene Expression. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	

- 8 GPER Attenuates Angiotensin II-Induced Oxidative Stress via cAMP-Mediated Regulation of NOX4. *FASEB Journal*, **2018**, 32, 700.1 0.9
- 7 Role of Sex and GPER in Renal Damage Induced by Ang II Hypertension. *FASEB Journal*, **2019**, 33, 569.3 0.9
- 6 Hormonal Regulation of Estrogen Receptors. *FASEB Journal*, **2019**, 33, 577.2 0.9
- 5 Midlife Ovariectomy Increases Blood Pressure in Long Evans Rats and is Attenuated by Transient or Continuous Estradiol Treatment. *FASEB Journal*, **2015**, 29, 623.7 0.9
- 4 G Protein-Coupled Estrogen Receptor Activation Attenuates Rat Aortic Smooth Muscle Cell Proliferation. *FASEB Journal*, **2015**, 29, 966.4 0.9
- 3 Salt-Dependent Hypertension and Renal Injury are Associated with Increased Excretion of Angiotensinogen and Angiotensin- (1-12) in Female mRen2.Lewis Rats. *FASEB Journal*, **2012**, 26, lb818 0.9
- 2 GPER activation ameliorates vascular remodeling in salt-sensitive mRen2.Lewis rats (867.7). *FASEB Journal*, **2014**, 28, 867.7 0.9
- 1 NAMS 2021 Utian Translational Science Symposium September 2021, Washington, DC Charting the path to health in midlife and beyond: the biology and practice of wellness.. *Menopause*, **2022**, 29, 504-513⁵