

# Sarah H Lindsey

## 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.

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	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> , <b>2022</b> , 3, 100598	18	2
60	Glycolytic and Oxidative Phosphorylation Defects Precede the Development of Senescence in Primary Human Brain Microvascular Endothelial Cells.. <i>GeroScience</i> , <b>2022</b> , 1	8.9	1
59	NAMS 2021 Utian Translational Science SymposiumSeptember 2021, Washington, DCCharting the path to health in midlife and beyond: the biology and practice of wellness.. <i>Menopause</i> , <b>2022</b> , 29, 504-513 <sup>5</sup>	13.5	
58	Sex and the G Protein-Coupled Estrogen Receptor Impact Vascular Stiffness. <i>Hypertension</i> , <b>2021</b> , 78, e1-e14	8.5	1
57	Alterations in the estrogen receptor profile of cardiovascular tissues during aging. <i>GeroScience</i> , <b>2021</b> , 43, 433-442	8.9	4
56	4007 Medroxyprogesterone Upregulates the Glucocorticoid Receptor in Female Long Evans Rats. <i>Journal of Clinical and Translational Science</i> , <b>2020</b> , 4, 12-12	0.4	
55	Evidence for G-Protein-Coupled Estrogen Receptor as a Pronatriuretic Factor. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e015110	6	13
54	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> , <b>2020</b> , 10, 4337	4.9	5
53	Impact of Ovariectomy on Arterial Stiffness. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
52	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> , <b>2020</b> , 34, 1-1	0.9	
51	G Protein-coupled Estrogen Receptor Protects Against Aging-Induced Vascular Dysfunction in Females but Not Males.. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
50	Angiotensin II Represses Guanylyl Cyclase/Natriuretic Peptide Receptor-A Gene Expression and Receptor Signaling and Function. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
49	Trafficking of the Prorenin Receptor in Endothelial Cells. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
48	Impact of GPER, Sex, and Age on Arterial Stiffness and Fibrotic Gene Expression. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
47	Medroxyprogesterone opposes estradiol-induced renal damage in midlife ovariectomized Long Evans rats. <i>Menopause</i> , <b>2020</b> , 27, 1411-1419	2.5	2
46	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> , <b>2020</b> , 34, 107448	3.2	6
45	G Protein-Coupled Estrogen Receptor Protects From Angiotensin II-Induced Increases in Pulse Pressure and Oxidative Stress. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 586	5.7	21

44	Spectral photoacoustic imaging to estimate in vivo placental oxygenation during preeclampsia. <i>Scientific Reports</i> , <b>2019</b> , 9, 558	4.9	23
43	Female Heart Health: Is GPER the Missing Link?. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 919	5.7	21
42	Sex differences in metabolic effects of angiotensin-(1-7) treatment in obese mice. <i>Biology of Sex Differences</i> , <b>2019</b> , 10, 36	9.3	6
41	Smooth muscle regional contribution to vaginal wall function. <i>Interface Focus</i> , <b>2019</b> , 9, 20190025	3.9	12
40	Role of Sex and GPER in Renal Damage Induced by Ang II Hypertension. <i>FASEB Journal</i> , <b>2019</b> , 33, 569.3	0.9	
39	Hormonal Regulation of Estrogen Receptors. <i>FASEB Journal</i> , <b>2019</b> , 33, 577.2	0.9	
38	Bazedoxifene-induced vasodilation and inhibition of vasoconstriction is significantly greater than estradiol. <i>Menopause</i> , <b>2019</b> , 26, 172-181	2.5	7
37	Evaluating residual strain throughout the murine female reproductive system. <i>Journal of Biomechanics</i> , <b>2019</b> , 82, 299-306	2.9	11
36	Estrogen receptor profiles across tissues from male and female <i>Rattus norvegicus</i> . <i>Biology of Sex Differences</i> , <b>2019</b> , 10, 4	9.3	54
35	New insights into arterial stiffening: does sex matter?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2018</b> , 315, H1073-H1087	5.2	42
34	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> , <b>2018</b> , 11, 83	6.1	12
33	GPER Attenuates Angiotensin II-Induced Oxidative Stress via cAMP-Mediated Regulation of NOX4. <i>FASEB Journal</i> , <b>2018</b> , 32, 700.1	0.9	
32	Long- but not short-term estradiol treatment induces renal damage in midlife ovariectomized Long-Evans rats. <i>American Journal of Physiology - Renal Physiology</i> , <b>2017</b> , 312, F305-F311	4.3	7
31	Effect of menopausal hormone therapy on components of the metabolic syndrome. <i>Therapeutic Advances in Cardiovascular Disease</i> , <b>2016</b> ,	3.4	16
30	Sex and Gender Differences in Cardiovascular Disease <b>2016</b> , 61-87		7
29	Inconsistent blood pressure phenotype in female Dahl salt-sensitive rats. <i>American Journal of Physiology - Renal Physiology</i> , <b>2016</b> , 311, F1391-F1392	4.3	8
28	Transforming growth factor $\beta$ antagonizes the transcription, expression and vascular signaling of guanylyl cyclase/natriuretic peptide receptor A - role of $\beta$ F1. <i>FEBS Journal</i> , <b>2016</b> , 283, 1767-81	5.7	4
27	GPER activation ameliorates aortic remodeling induced by salt-sensitive hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2016</b> , 310, H953-61	5.2	28

26	GPER-novel membrane oestrogen receptor. <i>Clinical Science</i> , <b>2016</b> , 130, 1005-16	6.5	64
25	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> , <b>2015</b> , 309, E84-94	6	39
24	Analysis of erectile responses to bradykinin in the anesthetized rat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2015</b> , 309, H499-511	5.2	3
23	Midlife Ovariectomy Increases Blood Pressure in Long Evans Rats and is Attenuated by Transient or Continuous Estradiol Treatment. <i>FASEB Journal</i> , <b>2015</b> , 29, 623.7	0.9	
22	G Protein-Coupled Estrogen Receptor Activation Attenuates Rat Aortic Smooth Muscle Cell Proliferation. <i>FASEB Journal</i> , <b>2015</b> , 29, 966.4	0.9	
21	Role of estrogen in diastolic dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2014</b> , 306, H628-40	5.2	115
20	Vasodilation by GPER in mesenteric arteries involves both endothelial nitric oxide and smooth muscle cAMP signaling. <i>Steroids</i> , <b>2014</b> , 81, 99-102	2.8	68
19	GPER activation ameliorates vascular remodeling in salt-sensitive mRen2.Lewis rats (867.7). <i>FASEB Journal</i> , <b>2014</b> , 28, 867.7	0.9	
18	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> , <b>2013</b> , 305, E113-8	6	42
17	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> , <b>2012</b> , 34, 831-43		5
16	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> , <b>2012</b> , 302, F1374-84	4.3	58
15	Activation of GPR30 attenuates diastolic dysfunction and left ventricle remodelling in oophorectomized mRen2.Lewis rats. <i>Cardiovascular Research</i> , <b>2012</b> , 94, 96-104	9.9	86
14	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> , <b>2012</b> , 59, 529-38	3.1	11
13	Salt-Dependent Hypertension and Renal Injury are Associated with Increased Excretion of Angiotensinogen and Angiotensin- (1-12) in Female mRen2.Lewis Rats. <i>FASEB Journal</i> , <b>2012</b> , 26, lb818	0.9	
12	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> , <b>2011</b> , 57, 598-603	3.1	84
11	Evidence that the G protein-coupled membrane receptor GPR30 contributes to the cardiovascular actions of estrogen. <i>Gender Medicine</i> , <b>2011</b> , 8, 343-54		32
10	Estrogen receptor GPR30 reduces oxidative stress and proteinuria in the salt-sensitive female mRen2.Lewis rat. <i>Hypertension</i> , <b>2011</b> , 58, 665-71	8.5	79
9	GPR30 Attenuates Functional AT1 Receptor Expression in Rat Mesenteric Smooth Muscle Cells. <i>FASEB Journal</i> , <b>2011</b> , 25, 1088.8	0.9	2

8	Stretch-induced TRPC4 downregulation is accompanied by reduced capacitative Ca <sup>2+</sup> entry in WKY but not SHR mesenteric smooth muscle cells. <i>Clinical and Experimental Hypertension</i> , <b>2010</b> , 32, 288-92	2.2	7
7	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> , <b>2010</b> , 299, F35-42	4.3	25
6	Attenuation of salt-induced cardiac remodeling and diastolic dysfunction by the GPER agonist G-1 in female mRen2.Lewis rats. <i>PLoS ONE</i> , <b>2010</b> , 5, e15433	3.7	76
5	Chronic treatment with the G protein-coupled receptor 30 agonist G-1 decreases blood pressure in ovariectomized mRen2.Lewis rats. <i>Endocrinology</i> , <b>2009</b> , 150, 3753-8	4.8	128
4	Cyclic stretch decreases TRPC4 protein and capacitative calcium entry in rat vascular smooth muscle cells. <i>Life Sciences</i> , <b>2008</b> , 83, 29-34	6.8	17
3	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> , <b>2004</b> , 28, 1796-804	3.7	14
2	Behavioral characterization of alcohol-tolerant and alcohol-nontolerant rat lines and an f(2) generation. <i>Behavior Genetics</i> , <b>2004</b> , 34, 453-63	3.2	12
1	Ethanol-Induced Impairments in Spatial Working Memory Are Not Due to Deficits in Learning. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2001</b> , 25, 856-861	3.7	29