

Sarah H Lindsey

List of Publications by Year in descending order

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77
papers

1,803
citations

304743

22
h-index

276875

41
g-index

81
all docs

81
docs citations

81
times ranked

2101
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 3753-3758.	2.8	156
2	Role of estrogen in diastolic dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H628-H640.	3.2	150
3	Activation of GPR30 attenuates diastolic dysfunction and left ventricle remodelling in oophorectomized mRen2.Lewis rats. <i>Cardiovascular Research</i> , 2012, 94, 96-104.	3.8	102
4	Estrogen Receptor GPR30 Reduces Oxidative Stress and Proteinuria in the Salt-Sensitive Female mRen2.Lewis Rat. <i>Hypertension</i> , 2011, 58, 665-671.	2.7	97
5	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.	1.9	95
6	GPER – novel membrane oestrogen receptor. <i>Clinical Science</i> , 2016, 130, 1005-1016.	4.3	91
7	Estrogen receptor profiles across tissues from male and female <i>Rattus norvegicus</i> . <i>Biology of Sex Differences</i> , 2019, 10, 4.	4.1	90
8	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.	2.5	89
9	Vasodilation by GPER in mesenteric arteries involves both endothelial nitric oxide and smooth muscle cAMP signaling. <i>Steroids</i> , 2014, 81, 99-102.	1.8	87
10	New insights into arterial stiffening: does sex matter?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1073-H1087.	3.2	72
11	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-F1384.	2.7	67
12	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-E118.	3.5	49
13	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-E94.	3.5	46
14	Spectral photoacoustic imaging to estimate in vivo placental oxygenation during preeclampsia. <i>Scientific Reports</i> , 2019, 9, 558.	3.3	42
15	GPER activation ameliorates aortic remodeling induced by salt-sensitive hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H953-H961.	3.2	41
16	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.	3.5	37
17	Evidence That the G Protein-Coupled Membrane Receptor GPR30 Contributes to the Cardiovascular Actions of Estrogen. <i>Gender Medicine</i> , 2011, 8, 343-354.	1.4	34
18	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.	2.4	32

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19	Smooth muscle regional contribution to vaginal wall function. <i>Interface Focus</i> , 2019, 9, 20190025.	3.0	32
20	Evidence for G α Protein β Coupled Estrogen Receptor as a Pronatriuretic Factor. <i>Journal of the American Heart Association</i> , 2020, 9, e015110.	3.7	30
21	Female Heart Health: Is GPER the Missing Link?. <i>Frontiers in Endocrinology</i> , 2019, 10, 919.	3.5	30
22	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-F42.	2.7	26
23	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.	2.9	23
24	Cyclic stretch decreases TRPC4 protein and capacitative calcium entry in rat vascular smooth muscle cells. <i>Life Sciences</i> , 2008, 83, 29-34.	4.3	21
25	Effect of menopausal hormone therapy on components of the metabolic syndrome. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2017, 11, 33-43.	2.1	20
26	Alterations in the estrogen receptor profile of cardiovascular tissues during aging. <i>GeroScience</i> , 2021, 43, 433-442.	4.6	19
27	Glycolytic and Oxidative Phosphorylation Defects Precede the Development of Senescence in Primary Human Brain Microvascular Endothelial Cells. <i>GeroScience</i> , 2022, 44, 1975-1994.	4.6	19
28	Sex differences in vascular aging and impact of GPER deletion. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 323, H336-H349.	3.2	17
29	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, 1796-1804.	2.4	14
30	Behavioral Characterization of Alcohol-Tolerant and Alcohol-Nontolerant Rat Lines and an F2 Generation. <i>Behavior Genetics</i> , 2004, 34, 453-463.	2.1	14
31	Evaluating residual strain throughout the murine female reproductive system. <i>Journal of Biomechanics</i> , 2019, 82, 299-306.	2.1	14
32	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.	2.3	14
33	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, 529-538.	1.9	13
34	Sex differences in metabolic effects of angiotensin-(1-7) treatment in obese mice. <i>Biology of Sex Differences</i> , 2019, 10, 36.	4.1	13
35	Inconsistent blood pressure phenotype in female Dahl salt-sensitive rats. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, F1391-F1392.	2.7	12
36	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.	2.7	11

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37	Sex and Gender Differences in Cardiovascular Disease. , 2016, , 61-87.		9
38	Angiotensin II represses Npr1 expression and receptor function by recruitment of transcription factors CREB and HSF-4a and activation of HDACs. Scientific Reports, 2020, 10, 4337.	3.3	9
39	Sex and the G Proteinâ€“Coupled Estrogen Receptor Impact Vascular Stiffness. Hypertension, 2021, 78, e1-e14.	2.7	9
40	Bazedoxifene-induced vasodilation and inhibition of vasoconstriction is significantly greater than estradiol. Menopause, 2019, 26, 172-181.	2.0	8
41	Stretch-Induced TRPC4 Downregulation is Accompanied By Reduced Capacitative Ca ²⁺ Entry in WKY But Not SHR Mesenteric Smooth Muscle Cells. Clinical and Experimental Hypertension, 2010, 32, 288-292.	1.3	7
42	Differential effects of late-life initiation of low-dose enalapril and losartan on diastolic function in senescent Fischer 344â€“Brown Norway male rats. Age, 2012, 34, 831-843.	3.0	6
43	Transforming growth factor Î²1 antagonizes the transcription, expression and vascular signaling of guanylyl cyclase/natriuretic peptide receptor A â€“ role of Î³ EF 1. FEBS Journal, 2016, 283, 1767-1781.	4.7	6
44	Potential for miRNAs as Biomarkers and Therapeutic Targets in Preeclampsia. Hypertension, 2017, 69, 580-581.	2.7	6
45	Efficacy of glucagon-like peptide-1 and estrogen dual agonist in pancreatic islets protection and pre-clinical models of insulin-deficient diabetes. Cell Reports Medicine, 2022, 3, 100598.	6.5	6
46	Importance of Estrogen Metabolites. Hypertension, 2014, 64, 21-22.	2.7	4
47	Analysis of erectile responses to bradykinin in the anesthetized rat. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H499-H511.	3.2	3
48	Medroxyprogesterone opposes estradiol-induced renal damage in midlife ovariectomized Long Evans rats. Menopause, 2020, 27, 1411-1419.	2.0	3
49	GPR30 Attenuates Functional AT1 Receptor Expression in Rat Mesenteric Smooth Muscle Cells. FASEB Journal, 2011, 25, 1088.8.	0.5	3
50	Editorial: GPER and Human Pathologies. Frontiers in Endocrinology, 2021, 12, 794332.	3.5	2
51	Editorial: GPER: Control and Functions. Frontiers in Endocrinology, 2021, 12, 794344.	3.5	1
52	Biaxial Murine Vaginal Remodeling With Reproductive Aging. Journal of Biomechanical Engineering, 2022, 144, .	1.3	1
53	DHT Induces Arterial Stiffening in Female Wild Type Mice. FASEB Journal, 2022, 36, .	0.5	1
54	GPR30 Receptor Activation Improves Cardiac Function in Intact Female mRen2.Lewis Rats. Journal of Cardiac Failure, 2009, 15, S75.	1.7	0

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55	4007 Medroxyprogesterone Upregulates the Glucocorticoid Receptor in Female Long Evans Rats. Journal of Clinical and Translational Science, 2020, 4, 12-12.	0.6	0
56	Salt-Dependent Hypertension and Renal Injury are Associated with Increased Excretion of Angiotensinogen and Angiotensin-(1-2) in Female mRen2.Lewis Rats. FASEB Journal, 2012, 26, lb818.	0.5	0
57	GPER activation ameliorates vascular remodeling in salt-sensitive mRen2.Lewis rats (867.7). FASEB Journal, 2014, 28, 867.7.	0.5	0
58	Midlife Ovariectomy Increases Blood Pressure in Long Evans Rats and is Attenuated by Transient or Continuous Estradiol Treatment. FASEB Journal, 2015, 29, 623.7.	0.5	0
59	G Protein-Coupled Estrogen Receptor Activation Attenuates Rat Aortic Smooth Muscle Cell Proliferation. FASEB Journal, 2015, 29, 966.4.	0.5	0
60	Abstract P620: Aging Decreases Vascular GPER Expression and Function. Hypertension, 2016, 68, .	2.7	0
61	Abstract 058: Transforming Growth Factor β 1 Antagonizes <i>Npr1</i> Expression and Vascular Signaling: Role of Transcription Factor β 1 Antagonizes <i>Npr1</i> Expression and Vascular Signaling: Role of Transcription Factor β 1. Hypertension, 2016, 68, .	2.7	0
62	GPER Attenuates Angiotensin II-Induced Oxidative Stress via cAMP-Mediated Regulation of NOX4. FASEB Journal, 2018, 32, 700.1.	0.5	0
63	Abstract 113: Female Protection From Arterial Stiffness Diminishes With G Protein-Coupled Estrogen Receptor Deletion or Angiotensin II Hypertension. Hypertension, 2018, 72, .	2.7	0
64	Role of Sex and GPER in Renal Damage Induced by Ang II Hypertension. FASEB Journal, 2019, 33, 569.3.	0.5	0
65	Hormonal Regulation of Estrogen Receptors. FASEB Journal, 2019, 33, 577.2.	0.5	0
66	Abstract P112: Sex Differences and the Role of G Protein-Coupled Estrogen Receptor in Arterial Stiffening. Hypertension, 2019, 74, .	2.7	0
67	Abstract 072: Medroxyprogesterone Prevents the Decline in Renal Health Due to Estradiol. Hypertension, 2019, 74, .	2.7	0
68	Impact of Ovariectomy on Arterial Stiffness. FASEB Journal, 2020, 34, 1-1.	0.5	0
69	Impact of Aging and G Protein-Coupled Estrogen Receptor Deletion in Arterial Stiffening and Cardiac Function in Male and Female Mice. FASEB Journal, 2020, 34, 1-1.	0.5	0
70	G Protein-Coupled Estrogen Receptor Protects Against Aging-Induced Vascular Dysfunction in Females but Not Males.. FASEB Journal, 2020, 34, 1-1.	0.5	0
71	Angiotensin II Represses Guanylyl Cyclase/Natriuretic Peptide Receptor-A Gene Expression and Receptor Signaling and Function. FASEB Journal, 2020, 34, 1-1.	0.5	0
72	Trafficking of the Prorenin Receptor in Endothelial Cells. FASEB Journal, 2020, 34, 1-1.	0.5	0

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73	Impact of GPER, Sex, and Age on Arterial Stiffness and Fibrotic Gene Expression. FASEB Journal, 2020, 34, 1-1.	0.5	0
74	Photoacoustic tomography to assess acute vasoactivity of systemic vasculature. , 2022, , .		0
75	Ovariectomyâ€induced Arterial Stiffening is Associated with Downregulation of Tissue Resident Macrophage Markers. FASEB Journal, 2022, 36, .	0.5	0
76	NAMS 2021 Utian Translational Science SymposiumSeptember 2021, Washington, DCCharting the path to health in midlife and beyond: the biology and practice of wellness. Menopause, 2022, 29, 504-513.	2.0	0
77	Sexâ€dependent Regulation of Mitochondrial Respiratory Function in Mouse Brain Microvessels by Peroxynitrite Decomposition Catalyst. FASEB Journal, 2022, 36, .	0.5	0