

# Meredith Hay

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9109174/publications.pdf>

Version: 2024-02-01

38  
papers

1,824  
citations

218677

26  
h-index

361022

35  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1880  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex differences in the development of angiotensin II-induced hypertension in conscious mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H2177-H2184.	3.2	210
2	Estrogen receptor- $\beta$ mediates estrogen protection from angiotensin II-induced hypertension in conscious female mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H1770-H1776.	3.2	139
3	Sex Differences in T-Lymphocyte Tissue Infiltration and Development of Angiotensin II Hypertension. <i>Hypertension</i> , 2014, 64, 384-390.	2.7	118
4	Sex-Specific T-Cell Regulation of Angiotensin II-Dependent Hypertension. <i>Hypertension</i> , 2014, 64, 573-582.	2.7	110
5	Sex differences in angiotensin II- and aldosterone-induced hypertension: the central protective effects of estrogen. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R459-R463.	1.8	100
6	Central interactions of aldosterone and angiotensin II in aldosterone- and angiotensin II-induced hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H555-H564.	3.2	86
7	Estrogen regulation of the brain renin-angiotensin system in protection against angiotensin II-induced sensitization of hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H191-H198.	3.2	65
8	Estrogen Receptor- $\beta$ in the Paraventricular Nucleus and Rostrolateral Medulla Plays an Essential Protective Role in Aldosterone/Salt-Induced Hypertension in Female Rats. <i>Hypertension</i> , 2013, 61, 1255-1262.	2.7	61
9	Involvement of the Area Postrema in the Regulation of Sympathetic Outflow to the Cardiovascular System. <i>Frontiers in Neuroendocrinology</i> , 1993, 14, 57-75.	5.2	60
10	Central estrogen inhibition of angiotensin II-induced hypertension in male mice and the role of reactive oxygen species. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H1025-H1032.	3.2	59
11	Area Postrema And Sympathetic Nervous System Effects Of Vasopressin And Angiotensin II. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000, 27, 432-436.	1.9	55
12	Sex, the brain and hypertension: brain oestrogen receptors and high blood pressure risk factors. <i>Clinical Science</i> , 2016, 130, 9-18.	4.3	54
13	Sex differences and central protective effect of 17 $\beta$ -estradiol in the development of aldosterone/NaCl-induced hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H1577-H1585.	3.2	53
14	Protective actions of estrogen on angiotensin II-induced hypertension: role of central nitric oxide. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H1638-H1646.	3.2	49
15	A Novel Angiotensin-(1-7) Glycosylated Mas Receptor Agonist for Treating Vascular Cognitive Impairment and Inflammation-Related Memory Dysfunction. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 369, 9-25.	2.5	47
16	Angiotensin-(1-7)/Mas receptor as an antinociceptive agent in cancer-induced bone pain. <i>Pain</i> , 2016, 157, 2709-2721.	4.2	46
17	PVN adenovirus-siRNA injections: silencing either NOX2 or NOX4 attenuate aldosterone/NaCl-induced hypertension in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H733-H741.	3.2	44
18	17 $\beta$ -Estradiol Modulation of Area Postrema Potassium Currents. <i>Journal of Neurophysiology</i> , 2000, 84, 1385-1391.	1.8	37

#	ARTICLE	IF	CITATIONS
19	17 $\beta$ -Estradiol inhibits angiotensin II activation of area postrema neurons. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H1515-H1520.	3.2	37
20	Sex-specific immune modulation of primary hypertension. <i>Cellular Immunology</i> , 2015, 294, 95-101.	3.0	37
21	Precision Aging: Applying Precision Medicine to the Field of Cognitive Aging. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 128.	3.4	37
22	Yes! Sex Matters: Sex, the Brain and Blood Pressure. <i>Current Hypertension Reports</i> , 2014, 16, 458.	3.5	36
23	Cognitive impairment in heart failure: A protective role for angiotensin-(1-7).. <i>Behavioral Neuroscience</i> , 2017, 131, 99-114.	1.2	32
24	Estrogen receptor- $\alpha$ mediates estrogen facilitation of baroreflex heart rate responses in conscious mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H1063-H1070.	3.2	30
25	Glycopeptide drugs: A pharmacological dimension between "Small Molecules" and "Biologics", <i>Peptides</i> , 2020, 131, 170369.	2.4	30
26	17 $\beta$ -Estradiol inhibits excitatory amino acid-induced activity of neurons of the nucleus tractus solitarius. <i>Brain Research</i> , 2003, 976, 41-52.	2.2	27
27	Hypertension and Age-Related Cognitive Impairment: Common Risk Factors and a Role for Precision Aging. <i>Current Hypertension Reports</i> , 2020, 22, 80.	3.5	24
28	Genetic knockdown of estrogen receptor-alpha in the subfornical organ augments ANG II-induced hypertension in female mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R507-R516.	1.8	18
29	Is immune system-related hypertension associated with ovarian hormone deficiency?. <i>Experimental Physiology</i> , 2016, 101, 368-374.	2.0	14
30	Synthesis, Physicochemical Characterization, In Vitro 2D/3D Human Cell Culture, and In Vitro Aerosol Dispersion Performance of Advanced Spray Dried and Co-Spray Dried Angiotensin (1 $\alpha$ -7) Peptide and PNA5 with Trehalose as Microparticles/Nanoparticles for Targeted Respiratory Delivery as Dry Powder Inhalers. <i>Pharmaceutics</i> , 2021, 13, 1278.	4.5	9
31	Neurofilament light: a possible prognostic biomarker for treatment of vascular contributions to cognitive impairment and dementia. <i>Journal of Neuroinflammation</i> , 2021, 18, 236.	7.2	7
32	Angiotensin-(1 $\alpha$ -7) Peptide Hormone Reduces Inflammation and Pathogen Burden during <i>Mycoplasma pneumoniae</i> Infection in Mice. <i>Pharmaceutics</i> , 2021, 13, 1614.	4.5	4
33	Glycosylated Ang-(1-7) MasR Agonist Peptide Poly Lactic-co-Glycolic Acid (PLGA) Nanoparticles and Microparticles in Cognitive Impairment: Design, Particle Preparation, Physicochemical Characterization, and In Vitro Release. <i>Pharmaceutics</i> , 2022, 14, 587.	4.5	3
34	The Good and the Bad. <i>Circulation Research</i> , 2015, 117, 830-831.	4.5	2
35	His and hers hypertension "down to a T". <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F822-F823.	2.7	0
36	The Protective Role of Estrogen and Brain Estrogen Receptors in the Pathogenesis of Hypertension. , 2019, , 23-39.		0

#	ARTICLE	IF	CITATIONS
37	Sex difference in low dose of angiotensin (ANG) II sensitizing effect on pressor effect of subsequent high dose of ANG II. FASEB Journal, 2013, 27, .	0.5	0
38	Estradiol Effects on Inflammation Related Gene Expression in the Nucleus Tractus Solitarius. FASEB Journal, 2015, 29, 820.1.	0.5	0