John E Hall

List of Publications by Citations

193 papers	11,223 citations	48 h-index	104 g-index
217 ext. papers	12,625 ext. citations	5.1 avg, IF	6.5 L-index

#	Paper	IF	Citations
193	Recommendations for blood pressure measurement in humans and experimental animals: Part 1: blood pressure measurement in humans: a statement for professionals from the Subcommittee of Professional and Public Education of the American Heart Association Council on High Blood Pressure Research. *Hypertension*, **2005**, 45, 142-61	8.5	1743
192	The kidney, hypertension, and obesity. *Hypertension*, **2003**, 41, 625-33	8.5	634
191	Chronic leptin infusion increases arterial pressure. *Hypertension*, **1998**, 31, 409-14	8.5	590
190	Obesity-induced hypertension: interaction of neurohumoral and renal mechanisms. *Circulation Research*, **2015**, 116, 991-1006	15.7	571
189	Functional and structural changes in the kidney in the early stages of obesity. *Journal of the American Society of Nephrology: JASN*, **2001**, 12, 1211-1217	12.7	366
188	Obesity-induced hypertension: role of sympathetic nervous system, leptin, and melanocortins. *Journal of Biological Chemistry*, **2010**, 285, 17271-6	5.4	325
187	Sodium, blood pressure, and cardiovascular disease: further evidence supporting the American Heart Association sodium reduction recommendations. *Circulation*, **2012**, 126, 2880-9	16.7	300
186	The importance of population-wide sodium reduction as a means to prevent cardiovascular disease and stroke: a call to action from the American Heart Association. *Circulation*, **2011**, 123, 1138-43	16.7	284
185	Mechanisms of obesity-associated cardiovascular and renal disease. *American Journal of the Medical Sciences*, **2002**, 324, 127-37	2.2	276
184	Obesity, hypertension, and chronic kidney disease. *International Journal of Nephrology and Renovascular Disease*, **2014**, 7, 75-88	2.5	258
183	Chronic cardiovascular and renal actions of leptin: role of adrenergic activity. *Hypertension*, **2002**, 39, 496-501	8.5	244
182	Renal denervation attenuates the sodium retention and hypertension associated with obesity. *Hypertension*, **1995**, 25, 893-7	8.5	215
181	Obesity and hypertension: two epidemics or one?. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2004**, 286, R803-13	3.2	184
180	Obesity, kidney dysfunction and hypertension: mechanistic links. *Nature Reviews Nephrology*, **2019**, 15, 367-385	14.9	171
179	Aldosterone antagonism attenuates obesity-induced hypertension and glomerular hyperfiltration. *Hypertension*, **2004**, 43, 41-7	8.5	166
178	Mechanisms of hypertension and kidney disease in obesity. *Annals of the New York Academy of Sciences*, **1999**, 892, 91-107	6.5	163
177	Is obesity a major cause of chronic kidney disease?. *Advances in Chronic Kidney Disease*, **2004**, 11, 41-54		159

176	Hypertension in obese Zucker rats. Role of angiotensin II and adrenergic activity. *Hypertension*, **1996**, 28, 1047-54	8.5	146
175	Hypertension: physiology and pathophysiology. *Comprehensive Physiology*, **2012**, 2, 2393-442	7.7	145
174	Mechanisms of Abnormal Renal Sodium Handling in Obesity Hypertension. *American Journal of Hypertension*, **1997**, 10, 49S-55S	2.3	141
173	Pathophysiology of obesity hypertension. *Current Hypertension Reports*, **2000**, 2, 139-47	4.7	130
172	Obesity-associated hypertension and kidney disease. *Current Opinion in Nephrology and Hypertension*, **2003**, 12, 195-200	3.5	121
171	Melanocortin-4 receptor-deficient mice are not hypertensive or salt-sensitive despite obesity, hyperinsulinemia, and hyperleptinemia. *Hypertension*, **2005**, 46, 326-32	8.5	118
170	Pathophysiology and treatment of obesity hypertension. *Current Pharmaceutical Design*, **2004**, 10, 3621-37	3.5	111
169	Melanocortin-4 receptor mediates chronic cardiovascular and metabolic actions of leptin. *Hypertension*, **2006**, 48, 58-64	8.5	108
168	The role of the sympathetic nervous system in obesity-related hypertension. *Current Hypertension Reports*, **2009**, 11, 206-11	4.7	103
167	Control of blood pressure, appetite, and glucose by leptin in mice lacking leptin receptors in proopiomelanocortin neurons. *Hypertension*, **2011**, 57, 918-26	8.5	101
166	Role of hypothalamic melanocortin 3/4-receptors in mediating chronic cardiovascular, renal, and metabolic actions of leptin. *Hypertension*, **2004**, 43, 1312-7	8.5	97
165	Hypothalamic melanocortin receptors and chronic regulation of arterial pressure and renal function. *Hypertension*, **2003**, 41, 768-74	8.5	94
164	Renal Dysfunction, Rather Than Nonrenal Vascular Dysfunction, Mediates Salt-Induced Hypertension. *Circulation*, **2016**, 133, 894-906	16.7	92
163	Inhibition of NO synthesis enhances chronic cardiovascular and renal actions of leptin. *Hypertension* , **2001**, 37, 670-6	8.5	92
162	Recording sympathetic nerve activity in conscious humans and other mammals: guidelines and the road to standardization. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 312, H1031-H1051	5.2	88
161	Impact of the obesity epidemic on hypertension and renal disease. *Current Hypertension Reports*, **2003**, 5, 386-92	4.7	82
160	Obesity, Hypertension, and Cardiac Dysfunction: Novel Roles of Immunometabolism in Macrophage Activation and Inflammation. *Circulation Research*, **2020**, 126, 789-806	15.7	81
159	Catheter-based radiorefrequency renal denervation lowers blood pressure in obese hypertensive dogs. *American Journal of Hypertension*, **2014**, 27, 1285-92	2.3	74

158	Obesity promotes melanoma tumor growth: role of leptin. *Cancer Biology and Therapy*, **2009**, 8, 1871-9	4.6	68
157	Endogenous melanocortin system activity contributes to the elevated arterial pressure in spontaneously hypertensive rats. *Hypertension*, **2008**, 51, 884-90	8.5	68
156	Historical perspective of the renin-angiotensin system. *Molecular Biotechnology*, **2003**, 24, 27-39	3	67
155	Role of adrenergic activity in pressor responses to chronic melanocortin receptor activation. *Hypertension*, **2004**, 43, 370-5	8.5	64
154	Catheter-Based Radiofrequency Renal Denervation: Location Effects on Renal Norepinephrine. *American Journal of Hypertension*, **2015**, 28, 909-14	2.3	62
153	Obesity, metabolic syndrome and diabetic nephropathy. *Contributions To Nephrology*, **2011**, 170, 28-35	1.6	62
152	Insulin resistance, hyperinsulinemia, and hypertension: causes, consequences, or merely correlations?. *Experimental Biology and Medicine*, **1995**, 208, 317-29	3.7	61
151	Resistance to metabolic actions of insulin and its role in hypertension. *American Journal of Hypertension*, **1994**, 7, 772-88	2.3	57
150	Does chronic hyperinsulinemia cause hypertension?. *American Journal of Hypertension*, **1989**, 2, 171-3	2.3	56
149	Hyperinsulinemia: a link between obesity and hypertension?. *Kidney International*, **1993**, 43, 1402-17	9.9	51
148	Hemodynamic and renal responses to chronic hyperinsulinemia in obese, insulin-resistant dogs. *Hypertension*, **1995**, 25, 994-1002	8.5	50
147	Role of leptin and central nervous system melanocortins in obesity hypertension. *Current Opinion in Nephrology and Hypertension*, **2013**, 22, 135-40	3.5	49
146	Chronic antidiabetic and cardiovascular actions of leptin: role of CNS and increased adrenergic activity. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2006**, 291, R1275-82	3.2	47
145	Role of Hyperinsulinemia and Insulin Resistance in Hypertension: Metabolic Syndrome Revisited. *Canadian Journal of Cardiology*, **2020**, 36, 671-682	3.8	46
144	Distribution of renal medullary hyaluronan in lean and obese rabbits. *Kidney International*, **2000**, 58, 721-9	9.9	45
143	Uncoupling protein 3 deficiency impairs myocardial fatty acid oxidation and contractile recovery following ischemia/reperfusion. *Basic Research in Cardiology*, **2018**, 113, 47	11.8	45
142	A functional melanocortin system may be required for chronic CNS-mediated antidiabetic and cardiovascular actions of leptin. *Diabetes*, **2009**, 58, 1749-56	0.9	42
141	Insulin-induced hypertension in rats depends on an intact renin-angiotensin system. *Hypertension*, **1997**, 29, 1014-9	8.5	42

140	Obesity-Induced Hypertension: Brain Signaling Pathways. *Current Hypertension Reports*, **2016**, 18, 58	4.7	38
139	Cigarette Smoking and Chronic Kidney Disease in African Americans in the Jackson Heart Study. *Journal of the American Heart Association*, **2016**, 5,	6	37
138	Postmenopausal hypertension: role of the sympathetic nervous system in an animal model. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2014**, 306, R248-56	3.2	37
137	Impact of obesity on renal structure and function in the presence and absence of hypertension: evidence from melanocortin-4 receptor-deficient mice. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2009**, 297, R803-12	3.2	37
136	Aldosterone blunts tubuloglomerular feedback by activating macula densa mineralocorticoid receptors. *Hypertension*, **2012**, 59, 599-606	8.5	37
135	Control of blood pressure by the renin-angiotensin-aldosterone system. *Clinical Cardiology*, **1991**, 14, IV6-21; discussion IV51-5	3.3	37
134	Chronic central leptin infusion restores cardiac sympathetic-vagal balance and baroreflex sensitivity in diabetic rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2008**, 295, H1974-81	5.2	35
133	Activation of the central melanocortin system contributes to the increased arterial pressure in obese Zucker rats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2012**, 302, R561-7	3.2	34
132	Loss of biliverdin reductase-A promotes lipid accumulation and lipotoxicity in mouse proximal tubule cells. *American Journal of Physiology - Renal Physiology*, **2018**, 315, F323-F331	4.3	32
131	Rescue of cardiac leptin receptors in db/db mice prevents myocardial triglyceride accumulation. *American Journal of Physiology - Endocrinology and Metabolism*, **2014**, 307, E316-25	6	32
130	The brain melanocortin system, sympathetic control, and obesity hypertension. *Physiology*, **2014**, 29, 196-202	9.8	31
129	Cardiovascular and renal responses to a high-fat diet in Osborne-Mendel rats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2001**, 281, R547-52	3.2	31
128	Device-Based Neuromodulation for Resistant Hypertension Therapy. *Circulation Research*, **2019**, 124, 1071-1093	15.7	30
127	Roles for the sympathetic nervous system, renal nerves, and CNS melanocortin-4 receptor in the elevated blood pressure in hyperandrogenemic female rats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2015**, 308, R708-13	3.2	30
126	Associations between height and blood pressure in the United States population. *Medicine (United States)*, **2017**, 96, e9233	1.8	30
125	Role of STAT3 in angiotensin II-induced hypertension and cardiac remodeling revealed by mice lacking STAT3 serine 727 phosphorylation. *Hypertension Research*, **2013**, 36, 496-503	4.7	30
124	Role of endothelin-1 in blood pressure regulation in a rat model of visceral obesity and hypertension. *Hypertension*, **2004**, 43, 383-7	8.5	29
123	Pressure natriuresis and control of arterial pressure during chronic norepinephrine infusion. *Journal of Hypertension*, **1988**, 6, 723-31	1.9	29

122	Synergistic Interaction of Hypertension and Diabetes in Promoting Kidney Injury and the Role of Endoplasmic Reticulum Stress. *Hypertension*, **2017**, 69, 879-891	8.5	26
121	Control of metabolic and cardiovascular function by the leptin-brain melanocortin pathway. *IUBMB Life*, **2013**, 65, 692-8	4.7	26
120	Role of proopiomelanocortin neuron Stat3 in regulating arterial pressure and mediating the chronic effects of leptin. *Hypertension*, **2013**, 61, 1066-74	8.5	26
119	Renal function in one-kidney, one-clip hypertension and low renin essential hypertension. *American Journal of Hypertension*, **1991**, 4, 523S-533S	2.3	26
118	Central leptin replacement enhances chemorespiratory responses in leptin-deficient mice independent of changes in body weight. *Pflugers Archiv European Journal of Physiology*, **2012**, 464, 145-53	4.6	25
117	Differential control of metabolic and cardiovascular functions by melanocortin-4 receptors in proopiomelanocortin neurons. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2013**, 305, R359-68	3.2	25
116	Does obesity induce resistance to the long-term cardiovascular and metabolic actions of melanocortin 3/4 receptor activation?. *Hypertension*, **2006**, 47, 259-64	8.5	25
115	Mechanisms of blood pressure salt sensitivity: new insights from mathematical modeling. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2017**, 312, R451-R466	3.2	24
114	Shp2 signaling in POMC neurons is important for leptin^{3} actions on blood pressure, energy balance, and glucose regulation. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2014**, 307, R1438-47	3.2	24
113	Cardiovascular actions of insulin: are they important in long-term blood pressure regulation?. *Clinical and Experimental Pharmacology and Physiology*, **1995**, 22, 689-700	3	24
112	Regulation of Blood Pressure, Appetite, and Glucose by Leptin After Inactivation of Insulin Receptor Substrate 2 Signaling in the Entire Brain or in Proopiomelanocortin Neurons. *Hypertension* , **2016**, 67, 378-86	8.5	22
111	Chronic effects of centrally administered adiponectin on appetite, metabolism and blood pressure regulation in normotensive and hypertensive rats. *Peptides*, **2012**, 37, 1-5	3.8	22
110	Enhanced blood pressure and appetite responses to chronic central melanocortin-3/4 receptor blockade in dietary-induced obesity. *Journal of Hypertension*, **2010**, 28, 1466-70	1.9	22
109	Can We End the Salt Wars With a Randomized Clinical Trial in a Controlled Environment?. *Hypertension*, **2018**, 72, 10-11	8.5	21
108	Role of the Renal Microcirculation in Progression of Chronic Kidney Injury in Obesity. *American Journal of Nephrology*, **2016**, 44, 354-367	4.6	20
107	CRISPR Cas9-mediated deletion of biliverdin reductase A (BVRA) in mouse liver cells induces oxidative stress and lipid accumulation. *Archives of Biochemistry and Biophysics*, **2019**, 672, 108072	4.1	20
106	Direct recording of renal sympathetic nerve activity in unrestrained, conscious mice. *Hypertension*, **2012**, 60, 856-64	8.5	20
105	Brain-mediated antidiabetic, anorexic, and cardiovascular actions of leptin require melanocortin-4 receptor signaling. *Journal of Neurophysiology*, **2015**, 113, 2786-91	3.2	19

104	SPRINT: What Remains Unanswered and Where Do We Go From Here?. *Hypertension*, **2016**, 67, 261-2	8.5	19
103	Kinetic analysis of cardiac transcriptome regulation during chronic high-fat diet in dogs. *Physiological Genomics*, **2004**, 19, 32-40	3.6	19
102	Increased hyaluronic acid in the inner renal medulla of obese dogs. *Hypertension*, **1995**, 25, 888-92	8.5	19
101	Chronic blood pressure and appetite responses to central leptin infusion in rats fed a high fat diet. *Journal of Hypertension*, **2011**, 29, 758-62	1.9	18
100	Role of the brain melanocortins in blood pressure regulation. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2017**, 1863, 2508-2514	6.9	17
99	Melanocortin-4 Receptors and Sympathetic Nervous System Activation in Hypertension. *Current Hypertension Reports*, **2019**, 21, 46	4.7	17
98	Report of the National Heart, Lung, and Blood Institute Working Group on Hypertension: Barriers to Translation. *Hypertension*, **2020**, 75, 902-917	8.5	17
97	Beta-Blocker Use Is Associated with Higher Renal Tissue Oxygenation in Hypertensive Patients Suspected of Renal Artery Stenosis. *CardioRenal Medicine*, **2016**, 6, 261-8	2.8	16
96	Systemic but not central nervous system nitric oxide synthase inhibition exacerbates the hypertensive effects of chronic melanocortin-3/4 receptor activation. *Hypertension*, **2011**, 57, 428-34	8.5	16
95	Obesity, kidney dysfunction, and inflammation: interactions in hypertension. *Cardiovascular Research*, **2021**, 117, 1859-1876	9.9	16
94	Obesity-induced changes in kidney mitochondria and endoplasmic reticulum in the presence or absence of leptin. *American Journal of Physiology - Renal Physiology*, **2015**, 309, F731-43	4.3	15
93	Chronic central nervous system MC3/4R blockade attenuates hypertension induced by nitric oxide synthase inhibition but not by angiotensin II infusion. *Hypertension*, **2015**, 65, 171-7	8.5	15
92	Hypertension in Blacks: Unanswered Questions and Future Directions for the JHS (Jackson Heart Study). *Hypertension*, **2017**, 69, 761-769	8.5	14
91	Higher plasma leptin levels are associated with reduced left ventricular mass and left ventricular diastolic stiffness in black women: insights from the Genetic Epidemiology Network of Arteriopathy (GENOA) study. *Hypertension Research*, **2018**, 41, 629-638	4.7	14
90	Cardiovascular, renal, and metabolic responses to chronic central administration of agouti-related peptide. *Hypertension*, **2004**, 44, 853-8	8.5	14
89	Chronic central nervous system hyperinsulinemia and regulation of arterial pressure and food intake. *Journal of Hypertension*, **2006**, 24, 1391-5	1.9	13
88	Role of autonomic nervous system in chronic CNS-mediated antidiabetic action of leptin. *American Journal of Physiology - Endocrinology and Metabolism*, **2017**, 312, E420-E428	6	12
87	Mechanisms of Synergistic Interactions of Diabetes and Hypertension in Chronic Kidney Disease: Role of Mitochondrial Dysfunction and ER Stress. *Current Hypertension Reports*, **2020**, 22, 15	4.7	12

86	The altered structure of renal papillary outflow tracts in obesity. *Ultrastructural Pathology*, **2000**, 24, 251-7	1.3	12
85	Inhibitor B kinase 2 is a myosin light chain kinase in vascular smooth muscle. *Circulation Research*, **2013**, 113, 562-70	15.7	11
84	Pathophysiology of Obesity-Induced Hypertension and Target Organ Damage **2007**, 447-468		11
83	BOLD magnetic resonance imaging in nephrology. *International Journal of Nephrology and Renovascular Disease*, **2018**, 11, 103-112	2.5	11
82	Cardiovascular regulation during insulin infusion into the carotid or vertebral artery in dogs. *Journal of Hypertension*, **1999**, 17, 251-60	1.9	10
81	Leptin reverses hyperglycemia and hyperphagia in insulin deficient diabetic rats by pituitary-independent central nervous system actions. *PLoS ONE*, **2017**, 12, e0184805	3.7	10
80	Role of PTP1B in POMC neurons during chronic high-fat diet: sex differences in regulation of liver lipids and glucose tolerance. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2018**, 314, R478-R488	3.2	10
79	CNS Regulation of Glucose Homeostasis: Role of the Leptin-Melanocortin System. *Current Diabetes Reports*, **2020**, 20, 29	5.6	9
78	Renal perfusion pressure is an important determinant of sodium and calcium excretion in DOC-salt hypertension. *American Journal of Hypertension*, **1998**, 11, 1199-207	2.3	8
77	Response to Recommendations for Blood Pressure Measurement in Human and Experimental Animals; Part 1: Blood Pressure Measurement in Humans and Miscuffing: A Problem With New Guidelines: Addendum. *Hypertension*, **2006**, 48,	8.5	8
76	What can we do about the "epidemic" of obesity. *American Journal of Hypertension*, **2002**, 15, 657-9	2.3	8
75	Dual regulation of tumor necrosis factor- on myosin light chain phosphorylation in vascular smooth muscle. *American Journal of Physiology - Heart and Circulatory Physiology*, **2015**, 308, H398-406	5.2	7
74	Effects of Sodium Reduction on Energy, Metabolism, Weight, Thirst, and Urine Volume: Results From the DASH (Dietary Approaches to Stop Hypertension)-Sodium Trial. *Hypertension*, **2020**, 75, 723-729	8.5	7
73	Impact of leptin deficiency compared with neuronal-specific leptin receptor deletion on cardiometabolic regulation. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2019**, 317, R552-R562	3.2	7
72	The promise of translational physiology. *American Journal of Physiology - Renal Physiology*, **2001**, 281, G1127-8	5.1	7
71	Role of SOCS3 in POMC neurons in metabolic and cardiovascular regulation. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2019**, 316, R338-R351	3.2	6
70	Pathogenesis of Hypertension **2018**, 33-51		6
69	Enhanced vascular reactivity and Ca2+ entry with low-salt diet: effect of obesity. *Hypertension*, **1999**, 34, 882-8	8.5	6

68	Hypertension Opportunities and Challenges. *Hypertension*, **2002**, 39, 1-2	8.5	6
67	Restoration of Cardiac Function After Myocardial Infarction by Long-Term Activation of the CNS Leptin-Melanocortin System. *JACC Basic To Translational Science*, **2021**, 6, 55-70	8.7	6
66	Weight-Loss Strategies for Prevention and Treatment of Hypertension: A Scientific Statement From the American Heart Association. *Hypertension*, **2021**, 78, e38-e50	8.5	6
65	Changes in ambient temperature elicit divergent control of metabolic and cardiovascular actions by leptin. *FASEB Journal*, **2017**, 31, 2418-2428	0.9	5
64	Neuronal Suppressor of Cytokine Signaling 3: Role in Modulating Chronic Metabolic and Cardiovascular Effects of Leptin. *Hypertension*, **2018**, 71, 1248-1257	8.5	5
63	Associations of Nocturnal Blood Pressure With Cognition by Self-Identified Race in Middle-Aged and Older Adults: The GENOA (Genetic Epidemiology Network of Arteriopathy) Study. *Journal of the American Heart Association*, **2017**, 6,	6	5
62	Does leptin contribute to obesity hypertension?. *Current Opinion in Endocrinology, Diabetes and Obesity*, **1999**, 6, 225		5
61	Control of appetite, blood glucose, and blood pressure during melanocortin-4 receptor activation in normoglycemic and diabetic NPY-deficient mice. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2018**, 314, R533-R539	3.2	4
60	Physiology and Pathophysiology of Hypertension **2013**, 1319-1352		4
59	Left Ventricular False Tendons are Associated With Left Ventricular Dilation and Impaired Systolic and Diastolic Function. *American Journal of the Medical Sciences*, **2017**, 354, 278-284	2.2	4
58	Role of hindbrain melanocortin-4 receptor activity in controlling cardiovascular and metabolic functions in spontaneously hypertensive rats. *Journal of Hypertension*, **2015**, 33, 1201-6	1.9	4
57	In search for potential antidiabetic compounds from natural sources: docking, synthesis and biological screening of small molecules from . (Goji). *Heliyon*, **2020**, 6, e02782	3.6	4
56	Role of melanocortin 4 receptor in hypertension induced by chronic intermittent hypoxia. *Acta Physiologica*, **2019**, 225, e13222	5.6	4
55	Hypertension and cardiovascular disease in women. *Hypertension*, **2008**, 51, 951	8.5	3
54	Obesity and Metabolic Syndrome Hypertension. *Updates in Hypertension and Cardiovascular Protection*, **2018**, 705-722	0.1	3
53	Chronic CNS-mediated cardiometabolic actions of leptin: potential role of sex differences. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2021**, 320, R173-R181	3.2	3
52	Dimethyl fumarate preserves left ventricular infarct integrity following myocardial infarction via modulation of cardiac macrophage and fibroblast oxidative metabolism. *Journal of Molecular and Cellular Cardiology*, **2021**, 158, 38-48	5.8	3
51	Novel Approach for Simultaneous Recording of Renal Sympathetic Nerve Activity and Blood Pressure with Intravenous Infusion in Conscious, Unrestrained Mice. *Journal of Visualized Experiments*, **2018**,	1.6	2

50	Role of the Kidney in Hypertension **2007**, 241-263		2
49	Overall circulatory control in hypertension. *Australian and New Zealand Journal of Medicine*, **1976**, 6 suppl 2, 72-80		2
48	Abstract 27: Leptin Reduces Food Intake but Fails to Raise Blood Pressure In Mice With Deficiency of Insulin Receptor Substrate (IRS2) In the Entire Brain or Specifically in Pomc Neurons. *Hypertension*, **2012**, 60,	8.5	2
47	Novel roles of immunometabolism and nonmyocyte metabolism in cardiac remodeling and injury. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2020**, 319, R476-R484	2.2	2
46	Interaction of Obesity and Hypertension on Cardiac Metabolic Remodeling and Survival Following Myocardial Infarction. *Journal of the American Heart Association*, **2021**, 10, e018212	6	2
45	Physical Activity, Inflammation, Coronary Artery Calcification, and Incident Coronary Heart Disease in African Americans: Insights From the Jackson Heart Study. *Mayo Clinic Proceedings*, **2021**, 96, 901-911	6.4	2
44	Increased sleep time and reduced energy expenditure contribute to obesity after ovariectomy and a high fat diet. *Life Sciences*, **2018**, 212, 119-128	6.8	2
43	Regulation of Blood Pressure, Appetite, and Glucose by CNS Melanocortin System in Hyperandrogenemic Female SHR. *American Journal of Hypertension*, **2016**, 29, 832-40	2.3	1
42	Hypertension Update 2005. *Hypertension*, **2005**, 45, 316-318	8.5	1
41	Impact of Mineralocorticoid Receptor and Angiotensin II Type 1 Receptor Antagonism on Blood Pressure Regulation in Obese Zucker Rats: Role of Sex Differences. *American Journal of Hypertension*, **2021**, 34, 999-1005	2.3	1
40	TRPC6 deficiency causes obesity and metabolic dysfunction. *FASEB Journal*, **2019**, 33, 753.1	0.9	1
39	Ganglionic blockade does not impair the chronic CNS-mediated antidiabetic action of leptin in streptozotocin-induced diabetic rats. *FASEB Journal*, **2012**, 26, 1128.3	0.9	1
38	General practitioner follow-up after hospitalisation in Central and Eastern Sydney, Australia: access and impact on health services. *Australian Health Review*, **2021**, 45, 247-254	1.8	1
37	Chronic Antidiabetic Actions of Leptin: Evidence From Parabiosis Studies for a CNS-Derived Circulating Antidiabetic Factor. *Diabetes*, **2021**, 70, 2264-2274	0.9	1
36	Comprehensive insights in GRK4 and hypertension: From mechanisms to potential therapeutics. **2022**, 108194		1
35	Understanding the use and impact of allied health services for people with chronic health conditions in Central and Eastern Sydney, Australia: a five-year longitudinal analysis. *Primary Health Care Research and Development*, **2019**, 20, e141	1.6	0
34	Sex differences in the impact of parental obesity on offspring cardiac SIRT3 expression, mitochondrial efficiency, and diastolic function early in life. *American Journal of Physiology - Heart and Circulatory Physiology*, **2021**, 321, H485-H495	5.2	0
33	The renin-angiotensin-aldosterone system: a personal perspective and Festschrift for John H. Laragh, MD. *American Journal of Hypertension*, **2014**, 27, 1005-7	2.3	

32	Role of the kidney in hypertension **2013**, 66-83	
31	61st Annual Fall Conference and Scientific Sessions of the American Heart Association Council for High Blood Pressure Research. *Hypertension*, **2008**, 51, 421-423	8.5
30	Hypertension An Update. *Hypertension*, **2002**, 40, 115-116	8.5
29	Obesity, insulin resistance, and the renal circulation. *Advances in Organ Biology*, **2000**, 383-397	
28	Obesity and Hypertension: Impact on Cardiovascular and Renal Systems **2005**, 464-474	
27	Chronic MC3/4R activation does not mimic the actions of leptin on baroreceptor sensitivity and heart rate regulation in diabetic rats. *FASEB Journal*, **2008**, 22, 947.5	0.9
26	Cardiovascular function and metabolism in old melanocortin-4 receptor deficient obese mice.. *FASEB Journal*, **2008**, 22, 947.2	0.9
25	Rapid cardiac dysfunction caused by inducible cardiac specific leptin receptor deletion. *FASEB Journal*, **2008**, 22, 743.3	0.9
24	Cardiovascular and metabolic responses to chronic central MC3/4R antagonism in rats fed a high fat diet. *FASEB Journal*, **2008**, 22, 947.4	0.9
23	Evidence for a circulating factor released by the brain that contributes to chronic antidiabetic actions of leptin. *FASEB Journal*, **2018**, 32, 603.3	0.9
22	Role of Suppressor of Cytokine Signaling 3 (SOCS3) in POMC Neurons in Metabolic and Cardiovascular Regulation during Chronic Leptin Infusion. *FASEB Journal*, **2018**, 32, 732.8	0.9
21	Loss of biliverdin reductase-A (BVRA) promotes lipid accumulation and lipotoxicity in mouse proximal tubule cells. *FASEB Journal*, **2018**, 32, 849.1	0.9
20	Role of Melanocortin-4 Receptor Activation in Hypertension Induced by Chronic Intermittent Hypoxia. *FASEB Journal*, **2018**, 32, 727.6	0.9
19	Metabolic and cardiovascular responses to chronic intermittent hypoxia and hypercapnia. *FASEB Journal*, **2019**, 33, 533.4	0.9
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