# John E Hall

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 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 | Comprehensive insights in GRK4 and hypertension: From mechanisms to potential therapeutics. **2022**, 108194 | | 1 |
| 192 | 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 |
| 191 | Obesity, kidney dysfunction, and inflammation: interactions in hypertension. *Cardiovascular Research*, **2021**, 117, 1859-1876 | 9.9 | 16 |
| 190 | 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 |
| 189 | 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 |
| 188 | Thomas George Coleman, PhD (1940-2021). *Hypertension*, **2021**, 77, 1800-1803 | 8.5 | |
| 187 | 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 |
| 186 | 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 |
| 185 | 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 |
| 184 | Chronic Antidiabetic Actions of Leptin: Evidence From Parabiosis Studies for a CNS-Derived Circulating Antidiabetic Factor. *Diabetes*, **2021**, 70, 2264-2274 | 0.9 | 1 |
| 183 | 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 |
| 182 | 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 |
| 181 | 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 |
| 180 | Obesity, Hypertension, and Cardiac Dysfunction: Novel Roles of Immunometabolism in Macrophage Activation and Inflammation. *Circulation Research*, **2020**, 126, 789-806 | 15.7 | 81 |
| 179 | Report of the National Heart, Lung, and Blood Institute Working Group on Hypertension: Barriers to Translation. *Hypertension*, **2020**, 75, 902-917 | 8.5 | 17 |
| 178 | Role of Hyperinsulinemia and Insulin Resistance in Hypertension: Metabolic Syndrome Revisited. *Canadian Journal of Cardiology*, **2020**, 36, 671-682 | 3.8 | 46 |
| 177 | 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 |

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| 176 | 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 |
| 175 | TRPC6 deficiency causes increased body weight and glucose intolerance in mice fed a normal diet but does not amplify the obesogenic effect of a high fat diet. *FASEB Journal*, **2020**, 34, 1-1 | 0.9 | |
| 174 | CNS Regulation of Glucose Homeostasis: Role of the Leptin-Melanocortin System. *Current Diabetes Reports*, **2020**, 20, 29 | 5.6 | 9 |
| 173 | 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 |
| 172 | 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 | 3.2 | 2 |
| 171 | Obesity, kidney dysfunction and hypertension: mechanistic links. *Nature Reviews Nephrology*, **2019**, 15, 367-385 | 14.9 | 171 |
| 170 | Melanocortin-4 Receptors and Sympathetic Nervous System Activation in Hypertension. *Current Hypertension Reports*, **2019**, 21, 46 | 4.7 | 17 |
| 169 | Device-Based Neuromodulation for Resistant Hypertension Therapy. *Circulation Research*, **2019**, 124, 1071-1093 | 15.7 | 30 |
| 168 | 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 |
| 167 | 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 |
| 166 | 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 |
| 165 | TRPC6 deficiency causes obesity and metabolic dysfunction. *FASEB Journal*, **2019**, 33, 753.1 | 0.9 | 1 |
| 164 | Metabolic and cardiovascular responses to chronic intermittent hypoxia and hypercapnia. *FASEB Journal*, **2019**, 33, 533.4 | 0.9 | |
| 163 | Chronic Intracerebroventricular Leptin Infusion Attenuates Cardiac Dysfunction After Myocardial Infarction. *FASEB Journal*, **2019**, 33, 830.6 | 0.9 | |
| 162 | Impact of maternal obesity on body weight regulation and sleep time in offspring. *FASEB Journal*, **2019**, 33, 753.4 | 0.9 | |
| 161 | Differential Regulation of Cardiac Substrate Utilization in Response to Chronic Central Nervous System Administration of Leptin and Melanotan II in Rats with Myocardial Infarction. *FASEB Journal*, **2019**, 33, 532.10 | 0.9 | |
| 160 | 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 |
| 159 | Role of melanocortin 4 receptor in hypertension induced by chronic intermittent hypoxia. *Acta Physiologica*, **2019**, 225, e13222 | 5.6 | 4 |

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| 158 | 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 |
| 157 | Neuronal Suppressor of Cytokine Signaling 3: Role in Modulating Chronic Metabolic and Cardiovascular Effects of Leptin. *Hypertension*, **2018**, 71, 1248-1257 | 8.5 | 5 |
| 156 | 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 |
| 155 | Pathogenesis of Hypertension **2018**, 33-51 | | 6 |
| 154 | Can We End the Salt Wars With a Randomized Clinical Trial in a Controlled Environment?. *Hypertension*, **2018**, 72, 10-11 | 8.5 | 21 |
| 153 | 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 |
| 152 | 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 |
| 151 | Obesity and Metabolic Syndrome Hypertension. *Updates in Hypertension and Cardiovascular Protection*, **2018**, 705-722 | 0.1 | 3 |
| 150 | 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 | |
| 149 | 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 | |
| 148 | Loss of biliverdin reductase-A (BVRA) promotes lipid accumulation and lipotoxicity in mouse proximal tubule cells. *FASEB Journal*, **2018**, 32, 849.1 | 0.9 | |
| 147 | Role of Melanocortin-4 Receptor Activation in Hypertension Induced by Chronic Intermittent Hypoxia. *FASEB Journal*, **2018**, 32, 727.6 | 0.9 | |
| 146 | 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 |
| 145 | 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 |
| 144 | BOLD magnetic resonance imaging in nephrology. *International Journal of Nephrology and Renovascular Disease*, **2018**, 11, 103-112 | 2.5 | 11 |
| 143 | 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 |
| 142 | Role of the brain melanocortins in blood pressure regulation. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2017**, 1863, 2508-2514 | 6.9 | 17 |
| 141 | Changes in ambient temperature elicit divergent control of metabolic and cardiovascular actions by leptin. *FASEB Journal*, **2017**, 31, 2418-2428 | 0.9 | 5 |

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| 140 | 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 |
| 139 | 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 |
| 138 | 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 |
| 137 | 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 |
| 136 | Hypertension in Blacks: Unanswered Questions and Future Directions for the JHS (Jackson Heart Study). *Hypertension*, **2017**, 69, 761-769 | 8.5 | 14 |
| 135 | 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 |
| 134 | Associations between height and blood pressure in the United States population. *Medicine (United States)*, **2017**, 96, e9233 | 1.8 | 30 |
| 133 | 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 |
| 132 | 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 |
| 131 | Role of the Renal Microcirculation in Progression of Chronic Kidney Injury in Obesity. *American Journal of Nephrology*, **2016**, 44, 354-367 | 4.6 | 20 |
| 130 | Obesity-Induced Hypertension: Brain Signaling Pathways. *Current Hypertension Reports*, **2016**, 18, 58 | 4.7 | 38 |
| 129 | Cigarette Smoking and Chronic Kidney Disease in African Americans in the Jackson Heart Study. *Journal of the American Heart Association*, **2016**, 5, | 6 | 37 |
| 128 | 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 |
| 127 | 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 |
| 126 | SPRINT: What Remains Unanswered and Where Do We Go From Here?. *Hypertension*, **2016**, 67, 261-2 | 8.5 | 19 |
| 125 | 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 |
| 124 | Renal Dysfunction, Rather Than Nonrenal Vascular Dysfunction, Mediates Salt-Induced Hypertension. *Circulation*, **2016**, 133, 894-906 | 16.7 | 92 |
| 123 | Dual regulation of tumor necrosis factor-□n myosin light chain phosphorylation in vascular smooth muscle. *American Journal of Physiology - Heart and Circulatory Physiology*, **2015**, 308, H398-406 | 5.2 | 7 |

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| 122 | Catheter-Based Radiofrequency Renal Denervation: Location Effects on Renal Norepinephrine. *American Journal of Hypertension*, **2015**, 28, 909-14 | 2.3 | 62 |
| 121 | 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 |
| 120 | Brain-mediated antidiabetic, anorexic, and cardiovascular actions of leptin require melanocortin-4 receptor signaling. *Journal of Neurophysiology*, **2015**, 113, 2786-91 | 3.2 | 19 |
| 119 | Obesity-induced hypertension: interaction of neurohumoral and renal mechanisms. *Circulation Research*, **2015**, 116, 991-1006 | 15.7 | 571 |
| 118 | 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 |
| 117 | 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 |
| 116 | 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 |
| 115 | Effects of Hyperandrogenemia on Cardiovascular and Metabolic Responses to Chronic Melanocortin-4 Receptor Blockade in Female SHR. *FASEB Journal*, **2015**, 29, 647.2 | 0.9 | |
| 114 | Interaction of Hypertension and Diabetes in Progressive Nephropathy: Role of ER Stress. *FASEB Journal*, **2015**, 29, 959.9 | 0.9 | |
| 113 | Catheter-based radiorefrequency renal denervation lowers blood pressure in obese hypertensive dogs. *American Journal of Hypertension*, **2014**, 27, 1285-92 | 2.3 | 74 |
| 112 | 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 |
| 111 | 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 |
| 110 | The brain melanocortin system, sympathetic control, and obesity hypertension. *Physiology*, **2014**, 29, 196-202 | 9.8 | 31 |
| 109 | Obesity, hypertension, and chronic kidney disease. *International Journal of Nephrology and Renovascular Disease*, **2014**, 7, 75-88 | 2.5 | 258 |
| 108 | Shp2 signaling in POMC neurons is important for leptin$^{R3}$ 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 |
| 107 | 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 | |
| 106 | Control of metabolic and cardiovascular function by the leptin-brain melanocortin pathway. *IUBMB Life*, **2013**, 65, 692-8 | 4.7 | 26 |
| 105 | Physiology and Pathophysiology of Hypertension **2013**, 1319-1352 | | 4 |

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| 104 | Role of proopiomelanocortin neuron Stat3 in regulating arterial pressure and mediating the chronic effects of leptin. *Hypertension*, **2013**, 61, 1066-74 | 8.5 | 26 |
| 103 | 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 |
| 102 | Role of leptin and central nervous system melanocortins in obesity hypertension. *Current Opinion in Nephrology and Hypertension*, **2013**, 22, 135-40 | 3.5 | 49 |
| 101 | Inhibitor Β kinase 2 is a myosin light chain kinase in vascular smooth muscle. *Circulation Research*, **2013**, 113, 562-70 | 15.7 | 11 |
| 100 | Role of the kidney in hypertension **2013**, 66-83 | | |
| 99 | 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 |
| 98 | Shp2 signaling in Pomc neurons is important for leptinΒ actions on blood pressure, energy balance and glucose homeostasis.. *FASEB Journal*, **2013**, 27, 1120.3 | 0.9 | |
| 97 | Cardiovascular and metabolic regulation in mice with neuron specific deletion of the leptin receptor.. *FASEB Journal*, **2013**, 27, 1153.6 | 0.9 | |
| 96 | Hypophysectomy attenuates leptin-induced tachycardia without affecting leptinΒ action on appetite and body weight.. *FASEB Journal*, **2013**, 27, 1123.12 | 0.9 | |
| 95 | Hypertension: physiology and pathophysiology. *Comprehensive Physiology*, **2012**, 2, 2393-442 | 7.7 | 145 |
| 94 | 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 |
| 93 | 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 |
| 92 | 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 |
| 91 | Sodium, blood pressure, and cardiovascular disease: further evidence supporting the American Heart Association sodium reduction recommendations. *Circulation*, **2012**, 126, 2880-9 | 16.7 | 300 |
| 90 | Aldosterone blunts tubuloglomerular feedback by activating macula densa mineralocorticoid receptors. *Hypertension*, **2012**, 59, 599-606 | 8.5 | 37 |
| 89 | Direct recording of renal sympathetic nerve activity in unrestrained, conscious mice. *Hypertension*, **2012**, 60, 856-64 | 8.5 | 20 |
| 88 | 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 |
| 87 | Melanocortin 4 receptors in the paraventricular nucleus of the hypothalamus do not mediate chronic metabolic or cardiovascular effects of leptin after established obesity in mice. *FASEB Journal*, **2012**, 26, 876.13 | 0.9 | |

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| 86 | Metabolic and appetite responses to fasting and refeeding in mice with Shp2 deletion in forebrain neurons. *FASEB Journal*, **2012**, 26, 877.2 | 0.9 | |
| 85 | AT1 receptor antagonism but not mineralocorticoid receptor blockade lowers blood pressure in obese Zucker rats. *FASEB Journal*, **2012**, 26, 1093.6 | 0.9 | |
| 84 | 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 |
| 83 | 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 |
| 82 | 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 |
| 81 | Obesity, metabolic syndrome and diabetic nephropathy. *Contributions To Nephrology*, **2011**, 170, 28-35 | 1.6 | 62 |
| 80 | 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 |
| 79 | 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 |
| 78 | Obesity-induced hypertension: role of sympathetic nervous system, leptin, and melanocortins. *Journal of Biological Chemistry*, **2010**, 285, 17271-6 | 5.4 | 325 |
| 77 | 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 |
| 76 | Chronic CNS actions of adiponectin on appetite, metabolism and blood pressure. *FASEB Journal*, **2010**, 24, 780.1 | 0.9 | |
| 75 | Central NPY deficiency does not enhance the chronic actions of melanocortin 3 and 4 receptors (MC3/4R) activation on glucose homeostasis, appetite and cardiovascular function in diabetic mice. *FASEB Journal*, **2010**, 24, 597.6 | 0.9 | |
| 74 | 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 |
| 73 | 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 |
| 72 | The role of the sympathetic nervous system in obesity-related hypertension. *Current Hypertension Reports*, **2009**, 11, 206-11 | 4.7 | 103 |
| 71 | Obesity promotes melanoma tumor growth: role of leptin. *Cancer Biology and Therapy*, **2009**, 8, 1871-9 | 4.6 | 68 |
| 70 | Cardiovascular and metabolic regulation in mice with Shp2 deletion in forebrain neurons. *FASEB Journal*, **2009**, 23, 785.5 | 0.9 | |
| 69 | Cardiovascular and metabolic responses to chronic PYY3-36 infusion. *FASEB Journal*, **2009**, 23, 983.4 | 0.9 | |

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| 68 | Cardiovascular and metabolic responses to chronic central infusion of leptin in rats fed a high fat diet. *FASEB Journal*, **2009**, 23, 1015.5 | 0.9 | |
| 67 | Hypertension and cardiovascular disease in women. *Hypertension*, **2008**, 51, 951 | 8.5 | 3 |
| 66 | Endogenous melanocortin system activity contributes to the elevated arterial pressure in spontaneously hypertensive rats. *Hypertension*, **2008**, 51, 884-90 | 8.5 | 68 |
| 65 | 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 | |
| 64 | 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 |
| 63 | 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 | |
| 62 | Cardiovascular function and metabolism in old melanocortin-4 receptor deficient obese mice.. *FASEB Journal*, **2008**, 22, 947.2 | 0.9 | |
| 61 | Rapid cardiac dysfunction caused by inducible cardiac specific leptin receptor deletion. *FASEB Journal*, **2008**, 22, 743.3 | 0.9 | |
| 60 | 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 | |
| 59 | Role of the Kidney in Hypertension **2007**, 241-263 | | 2 |
| 58 | Pathophysiology of Obesity-Induced Hypertension and Target Organ Damage **2007**, 447-468 | | 11 |
| 57 | 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 |
| 56 | 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 |
| 55 | Melanocortin-4 receptor mediates chronic cardiovascular and metabolic actions of leptin. *Hypertension*, **2006**, 48, 58-64 | 8.5 | 108 |
| 54 | 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 |
| 53 | Chronic central nervous system hyperinsulinemia and regulation of arterial pressure and food intake. *Journal of Hypertension*, **2006**, 24, 1391-5 | 1.9 | 13 |
| 52 | 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 |
| 51 | Melanocortin-4 receptor-deficient mice are not hypertensive or salt-sensitive despite obesity, hyperinsulinemia, and hyperleptinemia. *Hypertension*, **2005**, 46, 326-32 | 8.5 | 118 |

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| 50 | Hypertension Update 2005. *Hypertension*, **2005**, 45, 316-318 | 8.5 | 1 |
| 49 | Obesity and Hypertension: Impact on Cardiovascular and Renal Systems **2005**, 464-474 | | |
| 48 | Kinetic analysis of cardiac transcriptome regulation during chronic high-fat diet in dogs. *Physiological Genomics*, **2004**, 19, 32-40 | 3.6 | 19 |
| 47 | 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 |
| 46 | Role of adrenergic activity in pressor responses to chronic melanocortin receptor activation. *Hypertension*, **2004**, 43, 370-5 | 8.5 | 64 |
| 45 | Aldosterone antagonism attenuates obesity-induced hypertension and glomerular hyperfiltration. *Hypertension*, **2004**, 43, 41-7 | 8.5 | 166 |
| 44 | Cardiovascular, renal, and metabolic responses to chronic central administration of agouti-related peptide. *Hypertension*, **2004**, 44, 853-8 | 8.5 | 14 |
| 43 | Obesity and hypertension: two epidemics or one?. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2004**, 286, R803-13 | 3.2 | 184 |
| 42 | Is obesity a major cause of chronic kidney disease?. *Advances in Chronic Kidney Disease*, **2004**, 11, 41-54 | | 159 |
| 41 | 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 |
| 40 | Pathophysiology and treatment of obesity hypertension. *Current Pharmaceutical Design*, **2004**, 10, 3621-37 | 3.5 | 111 |
| 39 | Obesity-associated hypertension and kidney disease. *Current Opinion in Nephrology and Hypertension*, **2003**, 12, 195-200 | 3.5 | 121 |
| 38 | Historical perspective of the renin-angiotensin system. *Molecular Biotechnology*, **2003**, 24, 27-39 | 3 | 67 |
| 37 | Impact of the obesity epidemic on hypertension and renal disease. *Current Hypertension Reports*, **2003**, 5, 386-92 | 4.7 | 82 |
| 36 | The kidney, hypertension, and obesity. *Hypertension*, **2003**, 41, 625-33 | 8.5 | 634 |
| 35 | Hypothalamic melanocortin receptors and chronic regulation of arterial pressure and renal function. *Hypertension*, **2003**, 41, 768-74 | 8.5 | 94 |
| 34 | Hypertension An Update. *Hypertension*, **2002**, 40, 115-116 | 8.5 | |
| 33 | Chronic cardiovascular and renal actions of leptin: role of adrenergic activity. *Hypertension*, **2002**, 39, 496-501 | 8.5 | 244 |

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|---|---|---|---|
| 32 | Mechanisms of obesity-associated cardiovascular and renal disease. *American Journal of the Medical Sciences*, **2002**, 324, 127-37 | 2.2 | 276 |
| 31 | What can we do about the "epidemic" of obesity. *American Journal of Hypertension*, **2002**, 15, 657-9 | 2.3 | 8 |
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