

Kamal Rahmouni

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177
papers

10,805
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55
h-index

101
g-index

194
ext. papers

12,477
ext. citations

8.5
avg, IF

6.26
L-index

#	Paper	IF	Citations
177	Obesity-associated hypertension: new insights into mechanisms. <i>Hypertension</i> , 2005 , 45, 9-14	8.5	586
176	A guide to analysis of mouse energy metabolism. <i>Nature Methods</i> , 2011 , 9, 57-63	21.6	516
175	Hypothalamic AMPK and fatty acid metabolism mediate thyroid regulation of energy balance. <i>Nature Medicine</i> , 2010 , 16, 1001-8	50.5	502
174	BMP8B increases brown adipose tissue thermogenesis through both central and peripheral actions. <i>Cell</i> , 2012 , 149, 871-85	56.2	419
173	The central melanocortin system directly controls peripheral lipid metabolism. <i>Journal of Clinical Investigation</i> , 2007 , 117, 3475-88	15.9	306
172	FGF21 acts centrally to induce sympathetic nerve activity, energy expenditure, and weight loss. <i>Cell Metabolism</i> , 2014 , 20, 670-7	24.6	305
171	Estradiol regulates brown adipose tissue thermogenesis via hypothalamic AMPK. <i>Cell Metabolism</i> , 2014 , 20, 41-53	24.6	264
170	Role of selective leptin resistance in diet-induced obesity hypertension. <i>Diabetes</i> , 2005 , 54, 2012-8	0.9	254
169	Requirement of Bardet-Biedl syndrome proteins for leptin receptor signaling. <i>Human Molecular Genetics</i> , 2009 , 18, 1323-31	5.6	219
168	The cellular and molecular bases of leptin and ghrelin resistance in obesity. <i>Nature Reviews Endocrinology</i> , 2017 , 13, 338-351	15.2	202
167	FGF21 Mediates Endocrine Control of Simple Sugar Intake and Sweet Taste Preference by the Liver. <i>Cell Metabolism</i> , 2016 , 23, 335-43	24.6	201
166	A knockin mouse model of the Bardet-Biedl syndrome 1 M390R mutation has cilia defects, ventriculomegaly, retinopathy, and obesity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 19422-7	11.5	192
165	SIRT1 deacetylase in POMC neurons is required for homeostatic defenses against diet-induced obesity. <i>Cell Metabolism</i> , 2010 , 12, 78-87	24.6	190
164	The concept of selective leptin resistance: evidence from agouti yellow obese mice. <i>Diabetes</i> , 2002 , 51, 439-42	0.9	179
163	Direct control of brown adipose tissue thermogenesis by central nervous system glucagon-like peptide-1 receptor signaling. <i>Diabetes</i> , 2012 , 61, 2753-62	0.9	170
162	Leptin resistance contributes to obesity and hypertension in mouse models of Bardet-Biedl syndrome. <i>Journal of Clinical Investigation</i> , 2008 , 118, 1458-67	15.9	165
161	Selective leptin resistance: a new concept in leptin physiology with cardiovascular implications. <i>Journal of Hypertension</i> , 2002 , 20, 1245-50	1.9	160

160	Mkks-null mice have a phenotype resembling Bardet-Biedl syndrome. <i>Human Molecular Genetics</i> , 2005 , 14, 1109-18	5.6	157
159	AgRP Neurons Control Systemic Insulin Sensitivity via Myostatin Expression in Brown Adipose Tissue. <i>Cell</i> , 2016 , 165, 125-138	56.2	153
158	Role of melanocortin-4 receptors in mediating renal sympathoactivation to leptin and insulin. <i>Journal of Neuroscience</i> , 2003 , 23, 5998-6004	6.6	153
157	Hypothalamic ERK mediates the anorectic and thermogenic sympathetic effects of leptin. <i>Diabetes</i> , 2009 , 58, 536-42	0.9	150
156	The ion channel ASIC2 is required for baroreceptor and autonomic control of the circulation. <i>Neuron</i> , 2009 , 64, 885-97	13.9	149
155	Brain mineralocorticoid receptors and centrally regulated functions. <i>Kidney International</i> , 2000 , 57, 1329-36	9.36	149
154	Central ceramide-induced hypothalamic lipotoxicity and ER stress regulate energy balance. <i>Cell Reports</i> , 2014 , 9, 366-377	10.6	148
153	Hypothalamic PI3K and MAPK differentially mediate regional sympathetic activation to insulin. <i>Journal of Clinical Investigation</i> , 2004 , 114, 652-8	15.9	147
152	Hypothalamic arcuate nucleus mediates the sympathetic and arterial pressure responses to leptin. <i>Hypertension</i> , 2007 , 49, 647-52	8.5	146
151	FGF19, FGF21, and an FGFR1/Klotho-Activating Antibody Act on the Nervous System to Regulate Body Weight and Glycemia. <i>Cell Metabolism</i> , 2017 , 26, 709-718.e3	24.6	131
150	Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. <i>Cell Metabolism</i> , 2017 , 26, 212-229.e12	24.6	128
149	Direct control of peripheral lipid deposition by CNS GLP-1 receptor signaling is mediated by the sympathetic nervous system and blunted in diet-induced obesity. <i>Journal of Neuroscience</i> , 2009 , 29, 5916-25	6.6	122
148	Ablation of the leptin receptor in the hypothalamic arcuate nucleus abrogates leptin-induced sympathetic activation. <i>Circulation Research</i> , 2011 , 108, 808-12	15.7	119
147	The brain Renin-angiotensin system controls divergent efferent mechanisms to regulate fluid and energy balance. <i>Cell Metabolism</i> , 2010 , 12, 431-42	24.6	112
146	Enhanced leptin-stimulated Pi3k activation in the CNS promotes white adipose tissue transdifferentiation. <i>Cell Metabolism</i> , 2007 , 6, 431-45	24.6	112
145	Bardet-Biedl syndrome 3 (Bbs3) knockout mouse model reveals common BBS-associated phenotypes and Bbs3 unique phenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 20678-83	11.5	108
144	Leptin signaling in the nucleus tractus solitarii increases sympathetic nerve activity to the kidney. <i>Hypertension</i> , 2009 , 53, 375-80	8.5	105
143	The brain and brown fat. <i>Annals of Medicine</i> , 2015 , 47, 150-68	1.5	104

142	Selective resistance to central neural administration of leptin in agouti obese mice. <i>Hypertension</i> , 2002 , 39, 486-90	8.5	101
141	Role of leptin in the cardiovascular and endocrine complications of metabolic syndrome. <i>Diabetes, Obesity and Metabolism</i> , 2006 , 8, 603-10	6.7	91
140	Intracellular mechanisms involved in leptin regulation of sympathetic outflow. <i>Hypertension</i> , 2003 , 41, 763-7	8.5	88
139	A brain leptin-renin angiotensin system interaction in the regulation of sympathetic nerve activity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 303, H197-206	5.2	87
138	Leptin and the cardiovascular system. <i>Endocrine Reviews</i> , 2004 , 59, 225-44		85
137	Obesity-associated hypertension: recent progress in deciphering the pathogenesis. <i>Hypertension</i> , 2014 , 64, 215-21	8.5	82
136	Glucose depletion in the airway surface liquid is essential for sterility of the airways. <i>PLoS ONE</i> , 2011 , 6, e16166	3.7	81
135	Adipose depot-specific modulation of angiotensinogen gene expression in diet-induced obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 286, E891-5	6	79
134	Mechanisms mediating renal sympathetic activation to leptin in obesity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 295, R1730-6	3.2	78
133	Hypothalamic mTORC1 signaling controls sympathetic nerve activity and arterial pressure and mediates leptin effects. <i>Cell Metabolism</i> , 2013 , 17, 599-606	24.6	71
132	Leptin as a Mediator of Obesity-Induced Hypertension. <i>Current Obesity Reports</i> , 2016 , 5, 397-404	8.4	69
131	The BBSome Controls Energy Homeostasis by Mediating the Transport of the Leptin Receptor to the Plasma Membrane. <i>PLoS Genetics</i> , 2016 , 12, e1005890	6	65
130	Mediation of the Acute Stress Response by the Skeleton. <i>Cell Metabolism</i> , 2019 , 30, 890-902.e8	24.6	64
129	Central melanin-concentrating hormone influences liver and adipose metabolism via specific hypothalamic nuclei and efferent autonomic/JNK1 pathways. <i>Gastroenterology</i> , 2013 , 144, 636-649.e6	13.3	64
128	Involvement of hypothalamic AMP-activated protein kinase in leptin-induced sympathetic nerve activation. <i>PLoS ONE</i> , 2013 , 8, e56660	3.7	62
127	Molecular basis of the obesity associated with Bardet-Biedl syndrome. <i>Trends in Endocrinology and Metabolism</i> , 2011 , 22, 286-93	8.8	61
126	Leptin-Induced Sympathetic Nerve Activation: Signaling Mechanisms and Cardiovascular Consequences in Obesity. <i>Current Hypertension Reviews</i> , 2010 , 6, 104-209	2.3	60
125	A leptin-BDNF pathway regulating sympathetic innervation of adipose tissue. <i>Nature</i> , 2020 , 583, 839-844	50.4	60

124	Traveling from the hypothalamus to the adipose tissue: The thermogenic pathway. <i>Redox Biology</i> , 2017 , 12, 854-863	11.3	59
123	Adipocyte-secreted BMP8b mediates adrenergic-induced remodeling of the neuro-vascular network in adipose tissue. <i>Nature Communications</i> , 2018 , 9, 4974	17.4	58
122	A leptin-sympathetic-leptin feedback loop: potential implications for regulation of arterial pressure and body fat. <i>Acta Physiologica Scandinavica</i> , 2003 , 177, 345-9		52
121	Regulation of glucose tolerance and sympathetic activity by MC4R signaling in the lateral hypothalamus. <i>Diabetes</i> , 2015 , 64, 1976-87	0.9	49
120	Contrasting effects of afferent and efferent vagal nerve stimulation on insulin secretion and blood glucose regulation. <i>Physiological Reports</i> , 2016 , 4, e12718	2.6	49
119	Oxidative and inflammatory signals in obesity-associated vascular abnormalities. <i>Clinical Science</i> , 2017 , 131, 1689-1700	6.5	48
118	Cardiovascular and sympathetic effects of leptin. <i>Current Hypertension Reports</i> , 2002 , 4, 119-25	4.7	47
117	Neuronal receptor activity-modifying protein 1 promotes energy expenditure in mice. <i>Diabetes</i> , 2011 , 60, 1063-71	0.9	46
116	Food Perception Primes Hepatic ER Homeostasis via Melanocortin-Dependent Control of mTOR Activation. <i>Cell</i> , 2018 , 175, 1321-1335.e20	56.2	45
115	ER Stress Inhibits Liver Fatty Acid Oxidation while Unmitigated Stress Leads to Anorexia-Induced Lipolysis and Both Liver and Kidney Steatosis. <i>Cell Reports</i> , 2017 , 19, 1794-1806	10.6	44
114	Intracranial Pressure Is a Determinant of Sympathetic Activity. <i>Frontiers in Physiology</i> , 2018 , 9, 11	4.6	44
113	Involvement of brain mineralocorticoid receptor in salt-enhanced hypertension in spontaneously hypertensive rats. <i>Hypertension</i> , 2001 , 38, 902-6	8.5	44
112	Leptin receptor signaling in the hypothalamus regulates hepatic autonomic nerve activity via phosphatidylinositol 3-kinase and AMP-activated protein kinase. <i>Journal of Neuroscience</i> , 2015 , 35, 474-84	6.6	43
111	Three months of high-fructose feeding fails to induce excessive weight gain or leptin resistance in mice. <i>PLoS ONE</i> , 2014 , 9, e107206	3.7	41
110	Obesity, sympathetic overdrive, and hypertension: the leptin connection. <i>Hypertension</i> , 2010 , 55, 844-5	8.5	41
109	Amylin acts in the central nervous system to increase sympathetic nerve activity. <i>Endocrinology</i> , 2013 , 154, 2481-8	4.8	40
108	Leptin signaling pathways in the central nervous system: interactions between neuropeptide Y and melanocortins. <i>BioEssays</i> , 2001 , 23, 1095-9	4.1	40
107	Angiotensin AT1A receptors on leptin receptor-expressing cells control resting metabolism. <i>Journal of Clinical Investigation</i> , 2017 , 127, 1414-1424	15.9	40

106	Differential contribution of POMC and AgRP neurons to the regulation of regional autonomic nerve activity by leptin. <i>Molecular Metabolism</i> , 2018 , 8, 1-12	8.8	39
105	Endothelial effects of leptin: implications in health and diseases. <i>Current Diabetes Reports</i> , 2005 , 5, 260-6	5.6	39
104	Liver Derived FGF21 Maintains Core Body Temperature During Acute Cold Exposure. <i>Scientific Reports</i> , 2019 , 9, 630	4.9	38
103	Regulation of Insulin Receptor Trafficking by Bardet Biedl Syndrome Proteins. <i>PLoS Genetics</i> , 2015 , 11, e1005311	6	38
102	Brain mineralocorticoid receptor control of blood pressure and kidney function in normotensive rats. <i>Hypertension</i> , 1999 , 33, 1201-6	8.5	33
101	Chronic vagal nerve stimulation prevents high-salt diet-induced endothelial dysfunction and aortic stiffening in stroke-prone spontaneously hypertensive rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 311, H276-85	5.2	33
100	The -20 and -217 promoter variants dominate differential angiotensinogen haplotype regulation in angiotensinogen-expressing cells. <i>Hypertension</i> , 2007 , 49, 631-9	8.5	32
99	Selective Deletion of the Brain-Specific Isoform of Renin Causes Neurogenic Hypertension. <i>Hypertension</i> , 2016 , 68, 1385-1392	8.5	31
98	SF1-Specific AMPK β Deletion Protects Against Diet-Induced Obesity. <i>Diabetes</i> , 2018 , 67, 2213-2226	0.9	31
97	Liver sympathetic denervation reverses obesity-induced hepatic steatosis. <i>Journal of Physiology</i> , 2019 , 597, 4565-4580	3.9	31
96	Prolonged treatment with angiotensin 1-7 improves endothelial function in diet-induced obesity. <i>Journal of Hypertension</i> , 2013 , 31, 730-8	1.9	31
95	A mitochondrial-targeted coenzyme q analog prevents weight gain and ameliorates hepatic dysfunction in high-fat-fed mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 351, 699-708	4.7	30
94	Loss of leptin actions in obesity: two concepts with cardiovascular implications. <i>Clinical and Experimental Hypertension</i> , 2004 , 26, 629-36	2.2	28
93	Cardiovascular Regulation by the Arcuate Nucleus of the Hypothalamus: Neurocircuitry and Signaling Systems. <i>Hypertension</i> , 2016 , 67, 1064-71	8.5	28
92	Suppression of Resting Metabolism by the Angiotensin AT2 Receptor. <i>Cell Reports</i> , 2016 , 16, 1548-1560	10.6	28
91	Neuroanatomical determinants of the sympathetic nerve responses evoked by leptin. <i>Clinical Autonomic Research</i> , 2013 , 23, 1-7	4.3	27
90	Differential effects of insulin on sympathetic nerve activity in agouti obese mice. <i>Journal of Hypertension</i> , 2010 , 28, 1913-9	1.9	26
89	The role of hypothalamic mTORC1 signaling in insulin regulation of food intake, body weight, and sympathetic nerve activity in male mice. <i>Endocrinology</i> , 2015 , 156, 1398-407	4.8	25

88	Exposure to Static Magnetic and Electric Fields Treats Type 2 Diabetes. <i>Cell Metabolism</i> , 2020 , 32, 561-574.67	24.67	25
87	Effects of brain mineralocorticoid receptor blockade on blood pressure and renal functions in DOCA-salt hypertension. <i>European Journal of Pharmacology</i> , 2002 , 436, 207-16	5.3	23
86	Calcium/calmodulin-dependent kinase II inhibition in smooth muscle reduces angiotensin II-induced hypertension by controlling aortic remodeling and baroreceptor function. <i>Journal of the American Heart Association</i> , 2015 , 4, e001949	6	22
85	Ciliopathy is differentially distributed in the brain of a Bardet-Biedl syndrome mouse model. <i>PLoS ONE</i> , 2014 , 9, e93484	3.7	22
84	Metabolic rate regulation by the renin-angiotensin system: brain vs. body. <i>Pflugers Archiv European Journal of Physiology</i> , 2013 , 465, 167-75	4.6	21
83	Inactivation of Bardet-Biedl syndrome genes causes kidney defects. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 300, F574-80	4.3	21
82	A leptin-regulated circuit controls glucose mobilization during noxious stimuli. <i>Journal of Clinical Investigation</i> , 2017 , 127, 3103-3113	15.9	21
81	Hypertension-Causing Mutation in Peroxisome Proliferator-Activated Receptor α Impairs Nuclear Export of Nuclear Factor- κ B p65 in Vascular Smooth Muscle. <i>Hypertension</i> , 2017 , 70, 174-182	8.5	20
80	K(ATP)-channel-dependent regulation of catecholaminergic neurons controls BAT sympathetic nerve activity and energy homeostasis. <i>Cell Metabolism</i> , 2013 , 18, 445-55	24.6	20
79	Central PACAP mediates the sympathetic effects of leptin in a tissue-specific manner. <i>Neuroscience</i> , 2013 , 238, 297-304	3.9	20
78	Reduced renal sympathetic nerve activity contributes to elevated glycosuria and improved glucose tolerance in hypothalamus-specific Pomc knockout mice. <i>Molecular Metabolism</i> , 2017 , 6, 1274-1285	8.8	20
77	Ectopic expression of human BBS4 can rescue Bardet-Biedl syndrome phenotypes in Bbs4 null mice. <i>PLoS ONE</i> , 2013 , 8, e59101	3.7	20
76	Cardiovascular and sympathetic effects of disrupting tyrosine 985 of the leptin receptor. <i>Hypertension</i> , 2011 , 57, 627-32	8.5	20
75	Obesity-associated hyperleptinemia alters the gliovascular interface of the hypothalamus to promote hypertension. <i>Cell Metabolism</i> , 2021 , 33, 1155-1170.e10	24.6	19
74	Neuronal modulation of brown adipose activity through perturbation of white adipocyte lipogenesis. <i>Molecular Metabolism</i> , 2018 , 16, 116-125	8.8	19
73	PI3K signaling: A key pathway in the control of sympathetic traffic and arterial pressure by leptin. <i>Molecular Metabolism</i> , 2013 , 2, 69-73	8.8	18
72	Leptin and the central neural mechanisms of obesity hypertension. <i>Drugs of Today</i> , 2002 , 38, 807-17		18
71	Metabolic effects of a mitochondrial-targeted coenzyme Q analog in high fat fed obese mice. <i>Pharmacology Research and Perspectives</i> , 2017 , 5, e00301	3.1	17

70	Beta-adrenergic receptors are critical for weight loss but not for other metabolic adaptations to the consumption of a ketogenic diet in male mice. <i>Molecular Metabolism</i> , 2017 , 6, 854-862	8.8	17
69	Central nicotine induces browning through hypothalamic μ -opioid receptor. <i>Nature Communications</i> , 2019 , 10, 4037	17.4	17
68	Activation of ADAM17 (A Disintegrin and Metalloprotease 17) on Glutamatergic Neurons Selectively Promotes Sympathoexcitation. <i>Hypertension</i> , 2019 , 73, 1266-1274	8.5	17
67	Angiotensin type 1a receptors in the forebrain subfornical organ facilitate leptin-induced weight loss through brown adipose tissue thermogenesis. <i>Molecular Metabolism</i> , 2015 , 4, 337-43	8.8	17
66	MCH Regulates SIRT1/FoxO1 and Reduces POMC Neuronal Activity to Induce Hyperphagia, Adiposity, and Glucose Intolerance. <i>Diabetes</i> , 2019 , 68, 2210-2222	0.9	16
65	Mechanistic Target of Rapamycin Complex 1 Signaling Modulates Vascular Endothelial Function Through Reactive Oxygen Species. <i>Journal of the American Heart Association</i> , 2019 , 8, e010662	6	16
64	Celastrol Reduces Obesity in MC4R Deficiency and Stimulates Sympathetic Nerve Activity Affecting Metabolic and Cardiovascular Functions. <i>Diabetes</i> , 2019 , 68, 1210-1220	0.9	16
63	Metabolic control by S6 kinases depends on dietary lipids. <i>PLoS ONE</i> , 2012 , 7, e32631	3.7	15
62	Liver-derived FGF21 is essential for full adaptation to ketogenic diet but does not regulate glucose homeostasis. <i>Endocrine</i> , 2020 , 67, 95-108	4	15
61	The BBSome in POMC and AgRP Neurons Is Necessary for Body Weight Regulation and Sorting of Metabolic Receptors. <i>Diabetes</i> , 2019 , 68, 1591-1603	0.9	14
60	Id3, E47, and SREBP-1c: fat factors controlling adiponectin expression. <i>Circulation Research</i> , 2008 , 103, 565-7	15.7	14
59	Endocannabinoid Receptor-1 and Sympathetic Nervous System Mediate the Beneficial Metabolic Effects of Gastric Bypass. <i>Cell Reports</i> , 2020 , 33, 108270	10.6	14
58	Contrasting vascular effects caused by loss of Bardet-Biedl syndrome genes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 299, H1902-7	5.2	13
57	Influence of sodium intake on the cardiovascular and renal effects of brain mineralocorticoid receptor blockade in normotensive rats. <i>Journal of Hypertension</i> , 2002 , 20, 1829-34	1.9	13
56	Optogenetics and pharmacogenetics: principles and applications. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017 , 313, R633-R645	3.2	12
55	Effect of selective expression of dominant-negative PPAR α in pro-opiomelanocortin neurons on the control of energy balance. <i>Physiological Genomics</i> , 2016 , 48, 491-501	3.6	12
54	Single-Nucleus RNA Sequencing of the Hypothalamic Arcuate Nucleus of C57BL/6J Mice After Prolonged Diet-Induced Obesity. <i>Hypertension</i> , 2020 , 76, 589-597	8.5	11
53	Neonatal leptin deficiency reduces frontal cortex volumes and programs adult hyperactivity in mice. <i>Behavioural Brain Research</i> , 2014 , 263, 115-21	3.4	11

52	Interference with peroxisome proliferator-activated receptor- γ in vascular smooth muscle causes baroreflex impairment and autonomic dysfunction. <i>Hypertension</i> , 2014 , 64, 590-6	8.5	11
51	Inflaming hypothalamic neurons raises blood pressure. <i>Cell Metabolism</i> , 2011 , 14, 3-4	24.6	11
50	Lack of dilator effect of leptin in the hindlimb vascular bed of conscious rats. <i>European Journal of Pharmacology</i> , 2005 , 518, 175-81	5.3	11
49	Nervous System Expression of PPAR α and Mutant PPAR α Has Profound Effects on Metabolic Regulation and Brain Development. <i>Endocrinology</i> , 2016 , 157, 4266-4275	4.8	11
48	Failure to vasodilate in response to salt loading blunts renal blood flow and causes salt-sensitive hypertension. <i>Cardiovascular Research</i> , 2021 , 117, 308-319	9.9	11
47	cAMP-inducible coactivator CRTC3 attenuates brown adipose tissue thermogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E5289-E5297	11.5	11
46	Activation of hypothalamic AgRP and POMC neurons evokes disparate sympathetic and cardiovascular responses. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 319, H1069-H1077	5.2	10
45	Selective Deletion of Renin-b in the Brain Alters Drinking and Metabolism. <i>Hypertension</i> , 2017 , 70, 990-997	9.5	9
44	Cardiovascular and renal effects of central administration of a mineralocorticoid receptor antagonist in conscious female rats. <i>European Journal of Pharmacology</i> , 1999 , 385, 199-202	5.3	9
43	Nicotine Sactions on energy balance: Friend or foe?. <i>Pharmacology & Therapeutics</i> , 2021 , 219, 107693	13.9	9
42	Smooth Muscle Cell-Specific Disruption of the BBSome Causes Vascular Dysfunction. <i>Hypertension</i> , 2019 , 74, 817-825	8.5	8
41	Effects of leptin on sympathetic nerve activity in conscious mice. <i>Physiological Reports</i> , 2015 , 3, e12554	2.6	8
40	Differential Control of the Sympathetic Nervous System by Leptin: Implications for Obesity. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007 , 34 Suppl, S8-S10	3	8
39	The Bardet-Biedl syndrome protein complex regulates cell migration and tissue repair through a Cullin-3/RhoA pathway. <i>American Journal of Physiology - Cell Physiology</i> , 2019 , 317, C457-C465	5.4	7
38	mTORC1 Signaling Contributes to Drinking But Not Blood Pressure Responses to Brain Angiotensin II. <i>Endocrinology</i> , 2016 , 157, 3140-8	4.8	7
37	OPA1 deletion in brown adipose tissue improves thermoregulation and systemic metabolism via FGF21. <i>ELife</i> , 2021 , 10,	8.9	6
36	Hypothalamic MC4R regulates glucose homeostasis through adrenaline-mediated control of glucose reabsorption via renal GLUT2 in mice. <i>Diabetologia</i> , 2021 , 64, 181-194	10.3	5
35	Cardiovascular Regulation by the Neuronal BBSome. <i>Hypertension</i> , 2020 , 75, 1082-1090	8.5	4

34	Sympathetic tone in the young: the mother weighs in. <i>Hypertension</i> , 2010 , 55, 21-2	8.5	4
33	Neonatal growth restriction-related leptin deficiency enhances leptin-triggered sympathetic activation and central angiotensin II receptor-dependent stress-evoked hypertension. <i>Pediatric Research</i> , 2016 , 80, 244-51	3.2	4
32	Increased Susceptibility of Mice Lacking Renin-b to Angiotensin II-Induced Organ Damage. <i>Hypertension</i> , 2020 , 76, 468-477	8.5	3
31	Small extracellular vesicle-mediated targeting of hypothalamic AMPK β corrects obesity through BAT activation. <i>Nature Metabolism</i> , 2021 , 3, 1415-1431	14.6	3
30	Peripheral Chemoreceptors Contribute Significantly to Hypertension in Spontaneously Hypertensive Rats (SHR). <i>FASEB Journal</i> , 2012 , 26, 703.15	0.9	3
29	BBSome ablation in SF1 neurons causes obesity without comorbidities. <i>Molecular Metabolism</i> , 2021 , 48, 101211	8.8	3
28	mTORC1 (Mechanistic Target of Rapamycin Complex 1) Signaling in Endothelial and Smooth Muscle Cells Is Required for Vascular Function. <i>Hypertension</i> , 2021 , 77, 594-604	8.5	3
27	Brain effects of leptin: what intracellular mechanism?. <i>Current Diabetes Reports</i> , 2003 , 3, 427-9	5.6	2
26	Orexin receptors 1 and 2 in serotonergic neurons differentially regulate peripheral glucose metabolism in obesity. <i>Nature Communications</i> , 2021 , 12, 5249	17.4	2
25	Endothelial BBSome is essential for vascular, metabolic, and retinal functions. <i>Molecular Metabolism</i> , 2021 , 53, 101308	8.8	2
24	BBSome: a New Player in Hypertension and Other Cardiovascular Risks. <i>Hypertension</i> , 2021 , HYPERTENSION NAHA1211794	8.5	2
23	Modulation of Blood Glucose Concentration by Vagal Nerve Stimulation. <i>FASEB Journal</i> , 2015 , 29, 828.6	0.9	1
22	Bardet-Biedl Syndrome (BBS) Proteins in POMC Neurons are Required for Energy Homeostasis. <i>FASEB Journal</i> , 2015 , 29, 655.12	0.9	1
21	Counterpoint: An alternative hypothesis for why exposure to static magnetic and electric fields treats type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 320, E1001-E1002 ¹	6	1
20	Leptin Signaling in the Central Nervous System 2004 , 86-VI		0
19	Gastric Bypass Sensitizes Sympathetic and Thermogenic Activity of Brown Adipose Tissue to Cold Exposure. <i>Obesity Surgery</i> , 2021 , 31, 4653-4656	3.7	0
18	Vascular effects of disrupting endothelial mTORC1 signaling in obesity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 321, R228-R237	3.2	0
17	Obesity induces resistance to central action of BMP8B through a mechanism involving the BBSome.. <i>Molecular Metabolism</i> , 2022 , 101465	8.8	0

- 16 Leptin Signaling and Energy Homeostasis **2012**, 131-134
- 15 Adipose tissue-specific disruption of the BBSome cause insulin resistance. *FASEB Journal*, **2020**, 34, 1-1 0.9
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- 13 Pathophysiological mechanisms of obesity and hypertension in mouse models of Bardet-Biedl syndrome. *FASEB Journal*, **2006**, 20, A1207 0.9
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