

Kamal Rahmouni

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

177
papers

10,805
citations

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 induces resistance to central action of BMP8B through a mechanism involving the BBSome.. <i>Molecular Metabolism</i> , 2022 , 101465	8.8	0
176	BBSome: a New Player in Hypertension and Other Cardiovascular Risks. <i>Hypertension</i> , 2021 , HYPERTENSION NAHA1211794	8.8	0
175	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
174	Reply to Petersen et al.: 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, E1004-E1005	6	0
173	OPA1 deletion in brown adipose tissue improves thermoregulation and systemic metabolism via FGF21. <i>ELife</i> , 2021 , 10,	8.9	6
172	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
171	BBSome ablation in SF1 neurons causes obesity without comorbidities. <i>Molecular Metabolism</i> , 2021 , 48, 101211	8.8	3
170	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
169	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
168	NicotineSactions on energy balance: Friend or foe?. <i>Pharmacology & Therapeutics</i> , 2021 , 219, 107693	13.9	9
167	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
166	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
165	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
164	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
163	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
162	Endothelial BBSome is essential for vascular, metabolic, and retinal functions. <i>Molecular Metabolism</i> , 2021 , 53, 101308	8.8	2
161	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

160	Cardiovascular Regulation by the Neuronal BBSome. <i>Hypertension</i> , 2020 , 75, 1082-1090	8.5	4
159	Increased Susceptibility of Mice Lacking Renin-b to Angiotensin II-Induced Organ Damage. <i>Hypertension</i> , 2020 , 76, 468-477	8.5	3
158	Adipose tissue-specific disruption of the BBSome cause insulin resistance. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
157	Polysynaptic Neurotracing of Autonomic Nuclei Involved in Liver and Kidney Function. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
156	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
155	Exposure to Static Magnetic and Electric Fields Treats Type 2 Diabetes. <i>Cell Metabolism</i> , 2020 , 32, 561-574	24.6	25
154	A leptin-BDNF pathway regulating sympathetic innervation of adipose tissue. <i>Nature</i> , 2020 , 583, 839-844	50.4	60
153	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
152	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
151	Central nicotine induces browning through hypothalamic μ opioid receptor. <i>Nature Communications</i> , 2019 , 10, 4037	17.4	17
150	Mediation of the Acute Stress Response by the Skeleton. <i>Cell Metabolism</i> , 2019 , 30, 890-902.e8	24.6	64
149	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
148	Liver Derived FGF21 Maintains Core Body Temperature During Acute Cold Exposure. <i>Scientific Reports</i> , 2019 , 9, 630	4.9	38
147	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
146	Activation of ADAM17 (A Disintegrin and Metalloprotease 17) on Glutamatergic Neurons Selectively Promotes Sympathoexcitation. <i>Hypertension</i> , 2019 , 73, 1266-1274	8.5	17
145	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
144	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
143	Smooth Muscle Cell-Specific Disruption of the BBSome Causes Vascular Dysfunction. <i>Hypertension</i> , 2019 , 74, 817-825	8.5	8

142	Liver sympathetic denervation reverses obesity-induced hepatic steatosis. <i>Journal of Physiology</i> , 2019 , 597, 4565-4580	3.9	31
141	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
140	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
139	Intracranial Pressure Is a Determinant of Sympathetic Activity. <i>Frontiers in Physiology</i> , 2018 , 9, 11	4.6	44
138	SF1-Specific AMPK β Deletion Protects Against Diet-Induced Obesity. <i>Diabetes</i> , 2018 , 67, 2213-2226	0.9	31
137	mTORC1 in leptin receptor-containing neurons mediates an obesity-induced increase in sympathetic tone and blood pressure. <i>FASEB Journal</i> , 2018 , 32, 885.16	0.9	
136	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
135	Food Perception Primes Hepatic ER Homeostasis via Melanocortin-Dependent Control of mTOR Activation. <i>Cell</i> , 2018 , 175, 1321-1335.e20	56.2	45
134	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
133	Neuronal modulation of brown adipose activity through perturbation of white adipocyte lipogenesis. <i>Molecular Metabolism</i> , 2018 , 16, 116-125	8.8	19
132	The cellular and molecular bases of leptin and ghrelin resistance in obesity. <i>Nature Reviews Endocrinology</i> , 2017 , 13, 338-351	15.2	202
131	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
130	Traveling from the hypothalamus to the adipose tissue: The thermogenic pathway. <i>Redox Biology</i> , 2017 , 12, 854-863	11.3	59
129	Hypertension-Causing Mutation in Peroxisome Proliferator-Activated Receptor β Impairs Nuclear Export of Nuclear Factor- κ B p65 in Vascular Smooth Muscle. <i>Hypertension</i> , 2017 , 70, 174-182	8.5	20
128	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
127	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
126	Selective Deletion of Renin-b in the Brain Alters Drinking and Metabolism. <i>Hypertension</i> , 2017 , 70, 990-997	9	
125	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

124	Optogenetics and pharmacogenetics: principles and applications. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017 , 313, R633-R645	3.2	12
123	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
122	Oxidative and inflammatory signals in obesity-associated vascular abnormalities. <i>Clinical Science</i> , 2017 , 131, 1689-1700	6.5	48
121	Angiotensin AT1A receptors on leptin receptor-expressing cells control resting metabolism. <i>Journal of Clinical Investigation</i> , 2017 , 127, 1414-1424	15.9	40
120	A leptin-regulated circuit controls glucose mobilization during noxious stimuli. <i>Journal of Clinical Investigation</i> , 2017 , 127, 3103-3113	15.9	21
119	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
118	Selective Deletion of the Brain-Specific Isoform of Renin Causes Neurogenic Hypertension. <i>Hypertension</i> , 2016 , 68, 1385-1392	8.5	31
117	AgRP Neurons Control Systemic Insulin Sensitivity via Myostatin Expression in Brown Adipose Tissue. <i>Cell</i> , 2016 , 165, 125-138	56.2	153
116	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
115	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
114	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
113	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
112	Cardiovascular Regulation by the Arcuate Nucleus of the Hypothalamus: Neurocircuitry and Signaling Systems. <i>Hypertension</i> , 2016 , 67, 1064-71	8.5	28
111	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
110	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
109	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
108	Leptin as a Mediator of Obesity-Induced Hypertension. <i>Current Obesity Reports</i> , 2016 , 5, 397-404	8.4	69
107	Suppression of Resting Metabolism by the Angiotensin AT2 Receptor. <i>Cell Reports</i> , 2016 , 16, 1548-1560	10.6	28

106	mTORC1 Signaling Contributes to Drinking But Not Blood Pressure Responses to Brain Angiotensin II. <i>Endocrinology</i> , 2016 , 157, 3140-8	4.8	7
105	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
104	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
103	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
102	The brain and brown fat. <i>Annals of Medicine</i> , 2015 , 47, 150-68	1.5	104
101	Effects of leptin on sympathetic nerve activity in conscious mice. <i>Physiological Reports</i> , 2015 , 3, e12554	2.6	8
100	Regulation of Insulin Receptor Trafficking by Bardet Biedl Syndrome Proteins. <i>PLoS Genetics</i> , 2015 , 11, e1005311	6	38
99	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
98	Regulation of glucose tolerance and sympathetic activity by MC4R signaling in the lateral hypothalamus. <i>Diabetes</i> , 2015 , 64, 1976-87	0.9	49
97	Modulation of Blood Glucose Concentration by Vagal Nerve Stimulation. <i>FASEB Journal</i> , 2015 , 29, 828.6	0.9	1
96	Neonatal Growth Restriction Heightens Leptin-Evoked Arterial Blood Pressure and Renal Sympathetic Nerve Responses in Adult Mice. <i>FASEB Journal</i> , 2015 , 29, 655.5	0.9	
95	Bardet-Biedl Syndrome (BBS) Proteins in POMC Neurons are Required for Energy Homeostasis. <i>FASEB Journal</i> , 2015 , 29, 655.12	0.9	1
94	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
93	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
92	Obesity-associated hypertension: recent progress in deciphering the pathogenesis. <i>Hypertension</i> , 2014 , 64, 215-21	8.5	82
91	FGF21 acts centrally to induce sympathetic nerve activity, energy expenditure, and weight loss. <i>Cell Metabolism</i> , 2014 , 20, 670-7	24.6	305
90	Estradiol regulates brown adipose tissue thermogenesis via hypothalamic AMPK. <i>Cell Metabolism</i> , 2014 , 20, 41-53	24.6	264
89	Ciliopathy is differentially distributed in the brain of a Bardet-Biedl syndrome mouse model. <i>PLoS ONE</i> , 2014 , 9, e93484	3.7	22

88	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
87	Central ceramide-induced hypothalamic lipotoxicity and ER stress regulate energy balance. <i>Cell Reports</i> , 2014 , 9, 366-377	10.6	148
86	Interference with peroxisome proliferator-activated receptor- α in vascular smooth muscle causes baroreflex impairment and autonomic dysfunction. <i>Hypertension</i> , 2014 , 64, 590-6	8.5	11
85	Vagal nerve stimulation reduces metabolic rate and uncouples the relationship between heart rate and oxygen consumption in conscious mice (LB775). <i>FASEB Journal</i> , 2014 , 28, LB775	0.9	
84	Metabolic rate regulation by the renin-angiotensin system: brain vs. body. <i>Pflügers Archiv European Journal of Physiology</i> , 2013 , 465, 167-75	4.6	21
83	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
82	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
81	Central PACAP mediates the sympathetic effects of leptin in a tissue-specific manner. <i>Neuroscience</i> , 2013 , 238, 297-304	3.9	20
80	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
79	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
78	Neuroanatomical determinants of the sympathetic nerve responses evoked by leptin. <i>Clinical Autonomic Research</i> , 2013 , 23, 1-7	4.3	27
77	Amylin acts in the central nervous system to increase sympathetic nerve activity. <i>Endocrinology</i> , 2013 , 154, 2481-8	4.8	40
76	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
75	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
74	Involvement of hypothalamic AMP-activated protein kinase in leptin-induced sympathetic nerve activation. <i>PLoS ONE</i> , 2013 , 8, e56660	3.7	62
73	BMP8B increases brown adipose tissue thermogenesis through both central and peripheral actions. <i>Cell</i> , 2012 , 149, 871-85	56.2	419
72	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
71	Leptin Signaling and Energy Homeostasis 2012 , 131-134		

70	Metabolic control by S6 kinases depends on dietary lipids. <i>PLoS ONE</i> , 2012 , 7, e32631	3.7	15
69	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
68	Peripheral Chemoreceptors Contribute Significantly to Hypertension in Spontaneously Hypertensive Rats (SHR). <i>FASEB Journal</i> , 2012 , 26, 703.15	0.9	3
67	Evidence for chemosensitive fibers in the aortic depressor nerve in mice but not in rats. <i>FASEB Journal</i> , 2012 , 26, 892.6	0.9	
66	Bardet Biedl syndrome genes are required for autonomic control of the circulation. <i>FASEB Journal</i> , 2012 , 26, 891.17	0.9	
65	mTOR/S6K Signaling: A Novel Effector of Neuronal Action of Angiotensin II. <i>FASEB Journal</i> , 2012 , 26, 1093.3	0.9	
64	A guide to analysis of mouse energy metabolism. <i>Nature Methods</i> , 2011 , 9, 57-63	21.6	516
63	Inflaming hypothalamic neurons raises blood pressure. <i>Cell Metabolism</i> , 2011 , 14, 3-4	24.6	11
62	Molecular basis of the obesity associated with Bardet-Biedl syndrome. <i>Trends in Endocrinology and Metabolism</i> , 2011 , 22, 286-93	8.8	61
61	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
60	Inactivation of Bardet-Biedl syndrome genes causes kidney defects. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 300, F574-80	4.3	21
59	Cardiovascular and sympathetic effects of disrupting tyrosine 985 of the leptin receptor. <i>Hypertension</i> , 2011 , 57, 627-32	8.5	20
58	Neuronal receptor activity-modifying protein 1 promotes energy expenditure in mice. <i>Diabetes</i> , 2011 , 60, 1063-71	0.9	46
57	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
56	Glucose depletion in the airway surface liquid is essential for sterility of the airways. <i>PLoS ONE</i> , 2011 , 6, e16166	3.7	81
55	Hypothalamic AMPK and fatty acid metabolism mediate thyroid regulation of energy balance. <i>Nature Medicine</i> , 2010 , 16, 1001-8	50.5	502
54	Obesity, sympathetic overdrive, and hypertension: the leptin connection. <i>Hypertension</i> , 2010 , 55, 844-5	8.5	41
53	Sympathetic tone in the young: the mother weighs in. <i>Hypertension</i> , 2010 , 55, 21-2	8.5	4

52	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
51	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
50	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
49	Differential effects of insulin on sympathetic nerve activity in agouti obese mice. <i>Journal of Hypertension</i> , 2010 , 28, 1913-9	1.9	26
48	Leptin-Induced Sympathetic Nerve Activation: Signaling Mechanisms and Cardiovascular Consequences in Obesity. <i>Current Hypertension Reviews</i> , 2010 , 6, 104-209	2.3	60
47	Mutation of Tyr985 of the leptin receptor differentially alters regional sympathetic activation to leptin. <i>FASEB Journal</i> , 2010 , 24, 809.22	0.9	
46	Leptin signaling in the nucleus tractus solitarii increases sympathetic nerve activity to the kidney. <i>Hypertension</i> , 2009 , 53, 375-80	8.5	105
45	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
44	Hypothalamic ERK mediates the anorectic and thermogenic sympathetic effects of leptin. <i>Diabetes</i> , 2009 , 58, 536-42	0.9	150
43	Requirement of Bardet-Biedl syndrome proteins for leptin receptor signaling. <i>Human Molecular Genetics</i> , 2009 , 18, 1323-31	5.6	219
42	The ion channel ASIC2 is required for baroreceptor and autonomic control of the circulation. <i>Neuron</i> , 2009 , 64, 885-97	13.9	149
41	Id3, E47, and SREBP-1c: fat factors controlling adiponectin expression. <i>Circulation Research</i> , 2008 , 103, 565-7	15.7	14
40	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
39	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
38	Leptin signaling in the nucleus tractus solitarii increases sympathetic outflow to the kidney.. <i>FASEB Journal</i> , 2008 , 22, 969.13	0.9	
37	Melanocortin receptors mediate renal sympathetic activation to leptin in obesity. <i>FASEB Journal</i> , 2008 , 22, 1167.3	0.9	
36	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
35	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

34	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
33	Hypothalamic arcuate nucleus mediates the sympathetic and arterial pressure responses to leptin. <i>Hypertension</i> , 2007 , 49, 647-52	8.5	146
32	Enhanced leptin-stimulated Pi3k activation in the CNS promotes white adipose tissue transdifferentiation. <i>Cell Metabolism</i> , 2007 , 6, 431-45	24.6	112
31	The central melanocortin system directly controls peripheral lipid metabolism. <i>Journal of Clinical Investigation</i> , 2007 , 117, 3475-88	15.9	306
30	Role of PI3 kinase in mediating renal sympathoactivation to leptin in obesity. <i>FASEB Journal</i> , 2007 , 21, A1193	0.9	
29	The selectivity of leptin resistance depends on the severity of diet-induced obesity in normotensive and borderline hypertensive mice. <i>FASEB Journal</i> , 2007 , 21, A459	0.9	
28	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
27	Pathophysiological mechanisms of obesity and hypertension in mouse models of Bardet-Biedl syndrome. <i>FASEB Journal</i> , 2006 , 20, A1207	0.9	
26	Obesity-associated hypertension: new insights into mechanisms. <i>Hypertension</i> , 2005 , 45, 9-14	8.5	586
25	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
24	Endothelial effects of leptin: implications in health and diseases. <i>Current Diabetes Reports</i> , 2005 , 5, 260-6	6.6	39
23	Mkks-null mice have a phenotype resembling Bardet-Biedl syndrome. <i>Human Molecular Genetics</i> , 2005 , 14, 1109-18	5.6	157
22	Role of selective leptin resistance in diet-induced obesity hypertension. <i>Diabetes</i> , 2005 , 54, 2012-8	0.9	254
21	Loss of leptin actions in obesity: two concepts with cardiovascular implications. <i>Clinical and Experimental Hypertension</i> , 2004 , 26, 629-36	2.2	28
20	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
19	Hypothalamic PI3K and MAPK differentially mediate regional sympathetic activation to insulin. <i>Journal of Clinical Investigation</i> , 2004 , 114, 652-8	15.9	147
18	Leptin and the cardiovascular system. <i>Endocrine Reviews</i> , 2004 , 59, 225-44		85
17	Leptin Signaling in the Central Nervous System 2004 , 86-VI		0

16	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
15	Brain effects of leptin: what intracellular mechanism?. <i>Current Diabetes Reports</i> , 2003 , 3, 427-9	5.6	2
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13	Intracellular mechanisms involved in leptin regulation of sympathetic outflow. <i>Hypertension</i> , 2003 , 41, 763-7	8.5	88
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8	Selective leptin resistance: a new concept in leptin physiology with cardiovascular implications. <i>Journal of Hypertension</i> , 2002 , 20, 1245-50	1.9	160
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