Matthias Tschoep

List of Publications by Year
in descending order

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326	38,699	2963	3173
papers	citations	93 h-index	186 g-index

345	345	345	33816
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Anti-obesity drug discovery: advances and challenges. Nature Reviews Drug Discovery, 2022, 21, 201-223.	21.5	357
2	Diet triggers specific responses of hypothalamic astrocytes in time and region dependent manner. Glia, 2022, 70, 2062-2078.	2.5	12
3	Plasma proteome profiles treatment efficacy of incretin dual agonism in dietâ€induced obese female and male mice. Diabetes, Obesity and Metabolism, 2021, 23, 195-207.	2.2	12
4	Diabetes type 2 risk gene Dusp8 is associated with altered sucrose reward behavior in mice and humans. Brain and Behavior, 2021, 11, e01928.	1.0	2
5	Inceptor counteracts insulin signalling in Î²-cells to control glycaemia. Nature, 2021, 590, 326-331.	13.7	55
6	POMC neuronal heterogeneity in energy balance and beyond: an integrated view. Nature Metabolism, 2021, 3, 299-308.	5.1	80
7	The glucose-dependent insulinotropic polypeptide (GIP) regulates body weight and food intake via CNS-GIPR signaling. Cell Metabolism, 2021, 33, 833-844.e5.	7.2	128
8	A BAFF/APRIL axis regulates obesogenic diet-driven weight gain. Nature Communications, 2021, 12, 2911.	5.8	17
9	Obesity-associated hyperleptinemia alters the gliovascular interface of the hypothalamus to promote hypertension. Cell Metabolism, 2021, 33, 1155-1170.e10.	7.2	68
10	Spatiotemporal GLP-1 and GIP receptor signaling and trafficking/recycling dynamics induced by selected receptor mono- and dual-agonists. Molecular Metabolism, 2021, 49, 101181.	3.0	39
11	Revisiting energy expenditure: how to correct mouse metabolic rate for body mass. Nature Metabolism, 2021, 3, 1134-1136.	5.1	63
12	Diet-induced alteration of intestinal stem cell function underlies obesity and prediabetes in mice. Nature Metabolism, 2021, 3, 1202-1216.	5.1	47
13	Correlation guided Network Integration (CoNI) reveals novel genes affecting hepatic metabolism. Molecular Metabolism, 2021, 53, 101295.	3.0	4
14	Control of Systemic Metabolism by Astrocytes in the Brain. Masterclass in Neuroendocrinology, 2021, , 127-153.	0.1	1
15	Selection and progression of unimolecular agonists at the GIP, GLP-1, and glucagon receptors as drug candidates. Peptides, 2020, 125, 170225.	1.2	30
16	Age-dependent membrane release and degradation of full-length glycosylphosphatidylinositol-anchored proteins in rats. Mechanisms of Ageing and Development, 2020, 190, 111307.	2.2	9
17	Biomedical Research Goes Viral: Dangers and Opportunities. Cell, 2020, 181, 1189-1193.	13.5	6
18	The scaffold protein p62 regulates adaptive thermogenesis through ATF2 nuclear target activation. Nature Communications, 2020, 11, 2306.	5.8	21

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19	Insights into incretin-based therapies for treatment of diabetic dyslipidemia. Advanced Drug Delivery Reviews, 2020, 159, 34-53.	6.6	21
20	Pharmacological targeting of Î±3Î²4 nicotinic receptors improves peripheral insulin sensitivity in mice with diet-induced obesity. Diabetologia, 2020, 63, 1236-1247.	2.9	9
21	Circulating Triglycerides Gate Dopamine-Associated Behaviors through DRD2-Expressing Neurons. Cell Metabolism, 2020, 31, 773-790.e11.	7.2	52
22	Targeted pharmacological therapy restores Î²-cell function for diabetes remission. Nature Metabolism, 2020, 2, 192-209.	5.1	93
23	Endogenous FGF21-signaling controls paradoxical obesity resistance of UCP1-deficient mice. Nature Communications, 2020, 11, 624.	5.8	60
24	Type 2 diabetes risk gene Dusp8 regulates hypothalamic Jnk signaling and insulin sensitivity. Journal of Clinical Investigation, 2020, 130, 6093-6108.	3.9	17
25	Short-term cold exposure supports human Treg induction inÂvivo. Molecular Metabolism, 2019, 28, 73-82.	3.0	15
26	The Iminosugar AMP-DNM Improves Satiety and Activates Brown Adipose Tissue Through GLP1. Diabetes, 2019, 68, 2223-2234.	0.3	5
27	Functional identity of hypothalamic melanocortin neurons depends on Tbx3. Nature Metabolism, 2019, 1, 222-235.	5.1	27
28	Plasma proteome profiling discovers novel proteins associated with nonâ€alcoholic fatty liver disease. Molecular Systems Biology, 2019, 15, e8793.	3.2	176
29	Pirt deficiency has subtle female-specific effects on energy and glucose metabolism in mice. Molecular Metabolism, 2019, 23, 75-81.	3.0	6
30	Long-Acting Neurotensin Synergizes With Liraglutide to Reverse Obesity Through a Melanocortin-Dependent Pathway. Diabetes, 2019, 68, 1329-1340.	0.3	33
31	GLP-1/dexamethasone inhibits food reward without inducing mood and memory deficits in mice. Neuropharmacology, 2019, 151, 55-63.	2.0	15
32	Dusp8 affects hippocampal size and behavior in mice and humans. Scientific Reports, 2019, 9, 19483.	1.6	5
33	Gut Peptide Agonism in the Treatment of Obesity and Diabetes. , 2019, 10, 99-124.		4
34	Optimized GIP analogs promote body weight lowering in mice through GIPR agonism not antagonism. Molecular Metabolism, 2019, 20, 51-62.	3.0	130
35	Emerging hormonal-based combination pharmacotherapies for the treatment of metabolic diseases. Nature Reviews Endocrinology, 2019, 15, 90-104.	4.3	92
36	Role of astrocytes, microglia, and tanycytes in brain control of systemic metabolism. Nature Neuroscience, 2019, 22, 7-14.	7.1	200

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37	Fluorescent bloodâ€“brain barrier tracing shows intact leptin transport in obese mice. International Journal of Obesity, 2019, 43, 1305-1318.	1.6	64
38	CNS-targeting pharmacological interventions for the metabolic syndrome. Journal of Clinical Investigation, 2019, 129, 4058-4071.	3.9	24
39	Adipocyte p62/SQSTM1 Suppresses Tumorigenesis through Opposite Regulations of Metabolism in Adipose Tissue and Tumor. Cancer Cell, 2018, 33, 770-784.e6.	7.7	81
40	Ghrelin regulation of glucose metabolism. Peptides, 2018, 100, 236-242.	1.2	117
41	Gut hormone polyagonists for the treatment of type 2 diabetes. Peptides, 2018, 100, 190-201.	1.2	96
42	Animal models of obesity and diabetes mellitus. Nature Reviews Endocrinology, 2018, 14, 140-162.	4.3	563
43	Calcineurin A beta deficiency ameliorates HFD-induced hypothalamic astrocytosis in mice. Journal of Neuroinflammation, 2018, 15, 35.	3.1	5
44	Optimization of peptide-based polyagonists for treatment of diabetes and obesity. Bioorganic and Medicinal Chemistry, 2018, 26, 2873-2881.	1.4	18
45	Celastrol Promotes Weight Loss in Diet-Induced Obesity by Inhibiting the Protein Tyrosine Phosphatases PTP1B and TCPTP in the Hypothalamus. Journal of Medicinal Chemistry, 2018, 61, 11144-11157.	2.9	45
46	Targeting the Incretin/Glucagon System With Triagonists to Treat Diabetes. Endocrine Reviews, 2018, 39, 719-738.	8.9	113
47	Twice the benefits with twincretins?. Lancet, The, 2018, 392, 2142-2144.	6.3	5
48	Coordinated targeting of cold and nicotinic receptors synergistically improves obesity and type 2 diabetes. Nature Communications, 2018, 9, 4304.	5.8	41
49	Atlas of Circadian Metabolism Reveals System-wide Coordination and Communication between Clocks. Cell, 2018, 174, 1571-1585.e11.	13.5	258
50	Peptideâ€based multiâ€agonists: a new paradigm in metabolic pharmacology. Journal of Internal Medicine, 2018, 284, 581-602.	2.7	40
51	Celastrol-Induced Weight Loss Is Driven by Hypophagia and Independent From UCP1. Diabetes, 2018, 67, 2456-2465.	0.3	39
52	Metabolic syndrome and extensive adipose tissue inflammation in morbidly obese GÃ¶ttingen minipigs. Molecular Metabolism, 2018, 16, 180-190.	3.0	41
53	An incretin-based tri-agonist promotes superior insulin secretion from murine pancreatic islets via PLC activation. Cellular Signalling, 2018, 51, 13-22.	1.7	13
54	Circulating HDL levels control hypothalamic astrogliosis via apoA-I. Journal of Lipid Research, 2018, 59, 1649-1659.	2.0	7

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55	Time-resolved hypothalamic open flow micro-perfusion reveals normal leptin transport across the bloodâ€“brain barrier in leptin resistant mice. Molecular Metabolism, 2018, 13, 77-82.	3.0	25
56	Chronic d-serine supplementation impairs insulin secretion. Molecular Metabolism, 2018, 16, 191-202.	3.0	29
57	Anti-Obesity Therapy: from Rainbow Pills to Polyagonists. Pharmacological Reviews, 2018, 70, 712-746.	7.1	137
58	Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. Molecular Psychiatry, 2017, 22, 192-201.	4.1	63
59	Gut-Brain Cross-Talk in Metabolic Control. Cell, 2017, 168, 758-774.	13.5	218
60	TNFÎ± drives mitochondrial stress in POMC neurons in obesity. Nature Communications, 2017, 8, 15143.	5.8	92
61	Acute administration of acyl, but not desacyl ghrelin, decreases blood pressure in healthy humans. European Journal of Endocrinology, 2017, 176, 123-132.	1.9	21
62	Alterations in neuronal control of body weight and anxiety behavior by glutathione peroxidase 4 deficiency. Neuroscience, 2017, 357, 241-254.	1.1	38
63	Regulation of body weight and energy homeostasis by neuronal cell adhesion molecule 1. Nature Neuroscience, 2017, 20, 1096-1103.	7.1	59
64	Dietary sugars, not lipids, drive hypothalamic inflammation. Molecular Metabolism, 2017, 6, 897-908.	3.0	104
65	N-acyl Taurines and Acylcarnitines Cause an Imbalance in Insulin Synthesis and Secretion Provoking Î² Cell Dysfunction in Type 2 Diabetes. Cell Metabolism, 2017, 25, 1334-1347.e4.	7.2	87
66	Single-Molecule Combinatorial Therapeutics for Treating Obesity and Diabetes. Diabetes, 2017, 66, 1766-1769.	0.3	25
67	Monomeric GLP-1/GIP/glucagon triagonism corrects obesity, hepatosteatosis, and dyslipidemia in female mice. Molecular Metabolism, 2017, 6, 440-446.	3.0	87
68	Fat controls U. Science, 2017, 355, 1124-1125.	6.0	6
69	Endothelial HIF-1Î± Enables Hypothalamic Glucose Uptake to Drive POMC Neurons. Diabetes, 2017, 66, 1511-1520.	0.3	13
70	Emerging Polyâ€Agonists for Obesity and Type 2 Diabetes. Obesity, 2017, 25, 1647-1649.	1.5	7
71	Molecular Integration of Incretin and Glucocorticoid Action Reverses Immunometabolic Dysfunction and Obesity. Cell Metabolism, 2017, 26, 620-632.e6.	7.2	66
72	A Stat6/Pten Axis Links Regulatory T Cells with Adipose Tissue Function. Cell Metabolism, 2017, 26, 475-492.e7.	7.2	71

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73	GLP-1/glucagon receptor co-agonism for treatment of obesity. Diabetologia, 2017, 60, 1851-1861.	2.9	126
74	The Sustained Effects of a Dual GIP/GLP-1 Receptor Agonist, NNC0090-2746, in Patients with Type 2 Diabetes. Cell Metabolism, 2017, 26, 343-352.e2.	7.2	238
75	Once Blind, Now We See GLP-1 Molecular Action. Cell Metabolism, 2017, 26, 289-291.	7.2	3
76	Long-Term Cold Adaptation Does Not Require FGF21 or UCP1. Cell Metabolism, 2017, 26, 437-446.e5.	7.2	100
77	Activated macrophages control human adipocyte mitochondrial bioenergetics via secreted factors. Molecular Metabolism, 2017, 6, 1226-1239.	3.0	25
78	A Synaptic Basis for GLP-1 Action in the Brain. Neuron, 2017, 96, 713-715.	3.8	8
79	Disruption of Lipid Uptake in Astroglia Exacerbates Diet-Induced Obesity. Diabetes, 2017, 66, 2555-2563.	0.3	59
80	Therapeutic Potential of Targeting the Ghrelin Pathway. International Journal of Molecular Sciences, 2017, 18, 798.	1.8	109
81	Dual specificity phosphatase 6 deficiency is associated with impaired systemic glucose tolerance and reversible weight retardation in mice. PLoS ONE, 2017, 12, e0183488.	1.1	10
82	Unimolecular Polypharmacy for Treatment of Diabetes and Obesity. Cell Metabolism, 2016, 24, 51-62.	7.2	198
83	Identification of proliferative and mature Î²-cells in the islets of Langerhans. Nature, 2016, 535, 430-434.	13.7	279
84	Reappraisal of GIP Pharmacology for Metabolic Diseases. Trends in Molecular Medicine, 2016, 22, 359-376.	3.5	128
85	Obesity: will withaferin win the war?. Nature Medicine, 2016, 22, 970-971.	15.2	8
86	Determination of thyroid hormones in mouse tissues by isotope-dilution microflow liquid chromatographyâ€“mass spectrometry method. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1033-1034, 413-420.	1.2	19
87	Fibroblast activation protein (FAP) as a novel metabolic target. Molecular Metabolism, 2016, 5, 1015-1024.	3.0	56
88	Chemical Hybridization of Glucagon and Thyroid Hormone Optimizes Therapeutic Impact for Metabolic Disease. Cell, 2016, 167, 843-857.e14.	13.5	153
89	Î±-Melanocyte stimulating hormone promotes muscle glucose uptake via melanocortin 5 receptors. Molecular Metabolism, 2016, 5, 807-822.	3.0	39
90	Astrocytic Insulin Signaling Couples Brain Glucose Uptake with Nutrient Availability. Cell, 2016, 166, 867-880.	13.5	382

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91	Hypothalamic leptin action is mediated by histone deacetylase 5. Nature Communications, 2016, 7, 10782.	5.8	68
92	GLP-1 and estrogen conjugate acts in the supramammillary nucleus to reduce food-reward and body weight. Neuropharmacology, 2016, 110, 396-406.	2.0	60
93	Metabolic Precision Medicines: Curing POMC Deficiency. Cell Metabolism, 2016, 24, 194-195.	7.2	12
94	Identification of GPR83 as the receptor for the neuroendocrine peptide PEN. Science Signaling, 2016, 9, ra43.	1.6	66
95	Deletion of Monoglyceride Lipase in Astrocytes Attenuates Lipopolysaccharide-induced Neuroinflammation. Journal of Biological Chemistry, 2016, 291, 913-923.	1.6	55
96	Opposing Effects of Antidiabetic Interventions on Malignant Growth and Metastasis. Cell Metabolism, 2016, 23, 959-960.	7.2	7
97	Epigenetic ON/OFF Switches for Obesity. Cell, 2016, 164, 341-342.	13.5	18
98	Incretin-like effects of small molecule trace amine-associated receptor 1 agonists. Molecular Metabolism, 2016, 5, 47-56.	3.0	82
99	Renaissance of leptin for obesity therapy. Diabetologia, 2016, 59, 920-927.	2.9	31
100	Hypothalamic Injury: Fish Oil to the Rescue!. Diabetes, 2016, 65, 551-553.	0.3	2
101	Diversification and coevolution of the ghrelin/growth hormone secretagogue receptor system in vertebrates. Ecology and Evolution, 2016, 6, 2516-2535.	0.8	9
102	Epigenetic germline inheritance of diet-induced obesity and insulin resistance. Nature Genetics, 2016, 48, 497-499.	9.4	287
103	Dual melanocortinâ€4 receptor and GLP â€1 receptor agonism amplifies metabolic benefits in dietâ€induced obese mice. EMBO Molecular Medicine, 2015, 7, 288-298.	3.3	59
104	Effect of Deletion of Ghrelinâ€Oâ€Acyltransferase on the Pulsatile Release of Growth Hormone in Mice. Journal of Neuroendocrinology, 2015, 27, 872-886.	1.2	22
105	Ghrelin. Molecular Metabolism, 2015, 4, 437-460.	3.0	810
106	GLP-1â€“oestrogen attenuates hyperphagia and protects from beta cell failure in diabetes-prone New Zealand obese (NZO) mice. Diabetologia, 2015, 58, 604-614.	2.9	32
107	miR-184 Regulates Pancreatic Î²-Cell Function According to Glucose Metabolism. Journal of Biological Chemistry, 2015, 290, 20284-20294.	1.6	53
108	Gender-specific effects on food intake but no inhibition of age-related fat accretion in transgenic mice overexpressing human IGFBP-2 lacking the Cardin-Weintraub sequence motif. Journal of Cell Communication and Signaling, 2015, 9, 143-150.	1.8	4

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109	Current and Emerging Treatment Options in Diabetes Care. Handbook of Experimental Pharmacology, 2015, 233, 437-459.	0.9	20
110	Hypothalamic innate immune reaction in obesity. Nature Reviews Endocrinology, 2015, 11, 339-351.	4.3	133
111	Calcineurin Links Mitochondrial Elongation with Energy Metabolism. Cell Metabolism, 2015, 22, 838-850.	7.2	71
112	Combination cannabinoid and opioid receptor antagonists improves metabolic outcomes in obese mice. Molecular and Cellular Endocrinology, 2015, 417, 10-19.	1.6	4
113	A rationally designed monomeric peptide triagonist corrects obesity and diabetes in rodents. Nature Medicine, 2015, 21, 27-36.	15.2	481
114	Exploration of Energy Metabolism in the Mouse Using Indirect Calorimetry: Measurement of Daily Energy Expenditure (DEE) and Basal Metabolic Rate (BMR). Current Protocols in Mouse Biology, 2015, 5, 205-222.	1.2	19
115	S6K1 controls pancreatic Î² cell size independently of intrauterine growth restriction. Journal of Clinical Investigation, 2015, 125, 2736-2747.	3.9	23
116	Inverse Agonistic Action of 3-Iodothyronamine at the Human Trace Amine-Associated Receptor 5. PLoS ONE, 2015, 10, e0117774.	1.1	62
117	The extracellular N-terminal domain of G-protein coupled receptor 83 regulates signaling properties and is an intramolecular inverse agonist. BMC Research Notes, 2014, 7, 913.	0.6	9
118	GLP-1R Responsiveness Predicts Individual Gastric Bypass Efficacy on Glucose Tolerance in Rats. Diabetes, 2014, 63, 505-513.	0.3	40
119	GLP-1/Glucagon Coagonism Restores Leptin Responsiveness in Obese Mice Chronically Maintained on an Obesogenic Diet. Diabetes, 2014, 63, 1422-1427.	0.3	116
120	Analysis of Human TAAR8 and Murine Taar8b Mediated Signaling Pathways and Expression Profile. International Journal of Molecular Sciences, 2014, 15, 20638-20655.	1.8	23
121	Hypothalamic PGC-1Î± Protects Against High-Fat Diet Exposure by Regulating ERÎ±. Cell Reports, 2014, 9, 633-645.	2.9	159
122	Both Acyl and Des-Acyl Ghrelin Regulate Adiposity and Glucose Metabolism via Central Nervous System Ghrelin Receptors. Diabetes, 2014, 63, 122-131.	0.3	100
123	Spare mitochondrial respiratory capacity permits human adipocytes to maintain ATP homeostasis under hypoglycemic conditions. FASEB Journal, 2014, 28, 761-770.	0.2	67
124	Duodenal nutrient exclusion improves metabolic syndrome and stimulates villus hyperplasia. Gut, 2014, 63, 1238-1246.	6.1	46
125	A Macrophage NBR1-MEKK3 Complex Triggers JNK-Mediated Adipose Tissue Inflammation in Obesity. Cell Metabolism, 2014, 20, 499-511.	7.2	36
126	Metabolic Activation of Intrahepatic CD8+ T Cells and NKT Cells Causes Nonalcoholic Steatohepatitis and Liver Cancer via Cross-Talk with Hepatocytes. Cancer Cell, 2014, 26, 549-564.	7.7	531

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127	[Br]eaking FAt. Cell, 2014, 159, 238-240.	13.5	8
128	Acute Administration of Unacylated Ghrelin Has No Effect on Basal or Stimulated Insulin Secretion in Healthy Humans. Diabetes, 2014, 63, 2309-2319.	0.3	42
129	Dietary triglycerides act on mesolimbic structures to regulate the rewarding and motivational aspects of feeding. Molecular Psychiatry, 2014, 19, 1095-1105.	4.1	54
130	Hormones and diet, but not body weight, control hypothalamic microglial activity. Glia, 2014, 62, 17-25.	2.5	203
131	The hypothalamic neuralâ€“glial network and the metabolic syndrome. Best Practice and Research in Clinical Endocrinology and Metabolism, 2014, 28, 661-671.	2.2	15
132	Hypothalamic Tanycytes: Gatekeepers to Metabolic Control. Cell Metabolism, 2014, 19, 173-175.	7.2	30
133	Leptin signaling in astrocytes regulates hypothalamic neuronal circuits and feeding. Nature Neuroscience, 2014, 17, 908-910.	7.1	268
134	The Pentapeptide RM-131 Promotes Food Intake and Adiposity in Wildtype Mice but Not in Mice Lacking the Ghrelin Receptor. Frontiers in Nutrition, 2014, 1, 31.	1.6	5
135	Play down protein to play up metabolism?. Journal of Clinical Investigation, 2014, 124, 3691-3693.	3.9	11
136	The emerging neurobiology of calorie addiction. ELife, 2014, 3, e01928.	2.8	1
137	Ghrelin-induced food intake and adiposity depend on central mTORC1/S6K1 signaling. Molecular and Cellular Endocrinology, 2013, 381, 280-290.	1.6	48
138	Cooperation between brain and islet in glucose homeostasis and diabetes. Nature, 2013, 503, 59-66.	13.7	261
139	Impaired glucose tolerance in rats fed low-carbohydrate, high-fat diets. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E1059-E1070.	1.8	58
140	Estrogen, astrocytes and the neuroendocrine control of metabolism. Reviews in Endocrine and Metabolic Disorders, 2013, 14, 331-338.	2.6	70
141	Unimolecular Dual Incretins Maximize Metabolic Benefits in Rodents, Monkeys, and Humans. Science Translational Medicine, 2013, 5, 209ra151.	5.8	461
142	Differential colonization with segmented filamentous bacteria and Lactobacillus murinus do not drive divergent development of diet-induced obesity in C57BL/6 mice. Molecular Metabolism, 2013, 2, 171-183.	3.0	29
143	Peptide lipidation stabilizes structure to enhance biological function. Molecular Metabolism, 2013, 2, 468-479.	3.0	83
144	Fibroblast Growth Factor 21 Mediates Specific Glucagon Actions. Diabetes, 2013, 62, 1453-1463.	0.3	191

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145	The Effects of Vertical Sleeve Gastrectomy in Rodents Are Ghrelin Independent. Gastroenterology, 2013, 144, 50-52.e5.	0.6	129
146	Ghrelin and cannabinoids require the ghrelin receptor to affect cellular energy metabolism. Molecular and Cellular Endocrinology, 2013, 365, 303-308.	1.6	56
147	Ghrelin - A Key Pleiotropic Hormone-Regulating Systemic Energy Metabolism. Endocrine Development, 2013, 25, 91-100.	1.3	23
148	Hypothalamic Astrocytes in Obesity. Endocrinology and Metabolism Clinics of North America, 2013, 42, 57-66.	1.2	66
149	The pharmacokinetics of acyl, des-acyl, and total ghrelin in healthy human subjects. European Journal of Endocrinology, 2013, 168, 821-828.	1.9	75
150	The orphan receptor Gpr83 regulates systemic energy metabolism via ghrelin-dependent and ghrelin-independent mechanisms. Nature Communications, 2013, 4, 1968.	5.8	64
151	Roux-en-Y Gastric Bypass Surgery But Not Vertical Sleeve Gastrectomy Decreases Bone Mass in Male Rats. Endocrinology, 2013, 154, 2015-2024.	1.4	60
152	Emerging Function of Fat Mass and Obesity-Associated Protein (Fto). PLoS Genetics, 2013, 9, e1003223.	1.5	15
153	Brown fat in a protoendothermic mammal fuels eutherian evolution. Nature Communications, 2013, 4, 2140.	5.8	70
154	Physiologic Concentrations of Exogenously Infused Ghrelin Reduces Insulin Secretion Without Affecting Insulin Sensitivity in Healthy Humans. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 2536-2543.	1.8	47
155	GLP-1R Agonism Enhances Adjustable Gastric Banding in Diet-Induced Obese Rats. Diabetes, 2013, 62, 3261-3267.	0.3	19
156	Ghrelin. , 2013, , 1104-1110.		2
157	Gut-Brain Communication in the Regulation of System Metabolism. Else-KrÃ¶ner-Fresenius-Symposia, 2013, , 96-102.	0.1	0
158	G-Protein Coupled Receptor 83 (GPR83) Signaling Determined by Constitutive and Zinc(II)-Induced Activity. PLoS ONE, 2013, 8, e53347.	1.1	26
159	Altered Lipid and Salt Taste Responsivity in Ghrelin and GOAT Null Mice. PLoS ONE, 2013, 8, e76553.	1.1	53
160	p62 Links Î²-adrenergic input to mitochondrial function and thermogenesis. Journal of Clinical Investigation, 2013, 123, 469-478.	3.9	107
161	Ablation of Ghrelin O-Acyltransferase Does Not Improve Glucose Intolerance or Body Adiposity in Mice on a Leptin-Deficient ob/ob Background. PLoS ONE, 2013, 8, e61822.	1.1	25
162	The role of ghrelin-octanoyl-acyl-transferase in thermoregulation. Journal of Endocrinological Investigation, 2013, 36, 180-4.	1.8	5

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163	High-fat diet exposure induces IgG accumulation in hypothalamic microglia. DMM Disease Models and Mechanisms, 2012, 5, 686-90.	1.2	71
164	Ghrelin Stimulation of Growth Hormone Isoforms: Parallel Secretion of Total and 20-kDa Growth Hormone and Relation to Insulin Sensitivity in Healthy Humans. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 3366-3374.	1.8	12
165	Obesity is associated with hypothalamic injury in rodents and humans. Journal of Clinical Investigation, 2012, 122, 153-162.	3.9	1,448
166	MC4R Dimerization in the Paraventricular Nucleus and GHSR/MC3R Heterodimerization in the Arcuate Nucleus: Is There Relevance for Body Weight Regulation?. Neuroendocrinology, 2012, 95, 277-288.	1.2	35
167	Role of adipose and hepatic atypical protein kinase C lambda (PKCÎ») in the development of obesity and glucose intolerance. Adipocyte, 2012, 1, 203-214.	1.3	6
168	Glucocorticoid Signaling in the Arcuate Nucleus Modulates Hepatic Insulin Sensitivity. Diabetes, 2012, 61, 339-345.	0.3	59
169	Ghrelin in the Control of Energy, Lipid, and Glucose Metabolism. Methods in Enzymology, 2012, 514, 249-260.	0.4	13
170	The Role of Ghrelin in the Control of Energy Balance. Handbook of Experimental Pharmacology, 2012, , 161-184.	0.9	66
171	Brainâ€“gutâ€“adipose-tissue communication pathways at a glance. DMM Disease Models and Mechanisms, 2012, 5, 583-587.	1.2	63
172	CNS regulation of plasma cholesterol. Annals of Medicine, 2012, 44, 656-663.	1.5	2
173	High calorie diet triggers hypothalamic angiopathy. Molecular Metabolism, 2012, 1, 95-100.	3.0	55
174	Anti-obesity drugs: past, present and future. DMM Disease Models and Mechanisms, 2012, 5, 621-626.	1.2	360
175	High-fat-diet-induced obesity causes an inflammatory and tumor-promoting microenvironment in the rat kidney. DMM Disease Models and Mechanisms, 2012, 5, 627-35.	1.2	53
176	Acylation Type Determines Ghrelin's Effects on Energy Homeostasis in Rodents. Endocrinology, 2012, 153, 4687-4695.	1.4	16
177	Sirtuin 1 and Sirtuin 3: Physiological Modulators of Metabolism. Physiological Reviews, 2012, 92, 1479-1514.	13.1	551
178	Challenges and Opportunities of Defining Clinical Leptin Resistance. Cell Metabolism, 2012, 15, 150-156.	7.2	201
179	Direct Control of Brown Adipose Tissue Thermogenesis by Central Nervous System Glucagon-Like Peptide-1 Receptor Signaling. Diabetes, 2012, 61, 2753-2762.	0.3	188
180	Optimization of coâ€agonism at GLPâ€1 and glucagon receptors to safely maximize weight reduction in DIOâ€rodents. Biopolymers, 2012, 98, 443-450.	1.2	110

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181	A guide to analysis of mouse energy metabolism. Nature Methods, 2012, 9, 57-63.	9.0	655
182	Synaptic plasticity in neuronal circuits regulating energy balance. Nature Neuroscience, 2012, 15, 1336-1342.	7.1	108
183	Outstanding Scientific Achievement Award Lecture 2011: Defeating Diabesity. Diabetes, 2012, 61, 1309-1314.	0.3	33
184	Caloric Restriction Chronically Impairs Metabolic Programming in Mice. Diabetes, 2012, 61, 2734-2742.	0.3	30
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