

# Thomas A Lutz

## List of Publications by Year in descending order

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202  
papers

7,852  
citations

47006

47  
h-index

66911

78  
g-index

207  
all docs

207  
docs citations

207  
times ranked

7206  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amylin: Pharmacology, Physiology, and Clinical Potential. <i>Pharmacological Reviews</i> , 2015, 67, 564-600.	16.0	269
2	Overview of Animal Models of Obesity. <i>Current Protocols in Pharmacology</i> , 2012, 58, Unit5.61.	4.0	243
3	Lesion of the Area Postrema/Nucleus of the Solitary Tract (AP/NTS) Attenuates the Anorectic Effects of Amylin and Calcitonin Gene-Related Peptide (CGRP) in Rats. <i>Peptides</i> , 1998, 19, 309-317.	2.4	218
4	Gastric bypass reduces fat intake and preference. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 301, R1057-R1066.	1.8	207
5	Pancreatic signals controlling food intake; insulin, glucagon and amylin. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2006, 361, 1219-1235.	4.0	203
6	Toll-like receptor 2-deficient mice are protected from insulin resistance and beta cell dysfunction induced by a high-fat diet. <i>Diabetologia</i> , 2010, 53, 1795-1806.	6.3	196
7	Gastric Bypass Increases Energy Expenditure in Rats. <i>Gastroenterology</i> , 2010, 138, 1845-1853.e1.	1.3	195
8	Amylin: A Novel Action in the Brain to Reduce Body Weight*. <i>Endocrinology</i> , 2000, 141, 850-850.	2.8	167
9	Amylinergic control of food intake. <i>Physiology and Behavior</i> , 2006, 89, 465-471.	2.1	159
10	Alterations of sucrose preference after Roux-en-Y gastric bypass. <i>Physiology and Behavior</i> , 2011, 104, 709-721.	2.1	158
11	Inhibition of Central Amylin Signaling Increases Food Intake and Body Adiposity in Rats. <i>Endocrinology</i> , 2001, 142, 5035-5038.	2.8	152
12	The role of amylin in the control of energy homeostasis. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R1475-R1484.	1.8	138
13	Infusion of the amylin antagonist AC 187 into the area postrema increases food intake in rats. <i>Physiology and Behavior</i> , 2004, 81, 149-155.	2.1	122
14	The Sirt1 activator SRT3025 provides atheroprotection in ApoE <sup>-/-</sup> /A <sup>-/-</sup> mice by reducing hepatic Pcsk9 secretion and enhancing Ldlr expression. <i>European Heart Journal</i> , 2015, 36, 51-59.	2.2	117
15	Pancreatic Amylin as a Centrally Acting Satiating Hormone. <i>Current Drug Targets</i> , 2005, 6, 181-189.	2.1	116
16	Peptide YY Directly Inhibits Ghrelin-Activated Neurons of the Arcuate Nucleus and Reverses Fasting-Induced c-Fos Expression. <i>Neuroendocrinology</i> , 2004, 79, 317-326.	2.5	110
17	Site-specific effects of ghrelin on the neuronal activity in the hypothalamic arcuate nucleus. <i>Neuroscience Letters</i> , 2003, 341, 151-155.	2.1	109
18	Control of energy homeostasis by amylin. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 1947-1965.	5.4	106

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19	Hindbrain Administration of Estradiol Inhibits Feeding and Activates Estrogen Receptor- $\alpha$ -Expressing Cells in the Nucleus Tractus Solitarius of Ovariectomized Rats. <i>Endocrinology</i> , 2008, 149, 1609-1617.	2.8	103
20	Rapid and Body Weight-Independent Improvement of Endothelial and High-Density Lipoprotein Function After Roux-en-Y Gastric Bypass. <i>Circulation</i> , 2015, 131, 871-881.	1.6	103
21	Hypertrophy Dependent Doubling of L-Cells in Roux-en-Y Gastric Bypass Operated Rats. <i>PLoS ONE</i> , 2013, 8, e65696.	2.5	98
22	Immunohistochemical mapping of calcitonin receptors in the adult rat brain. <i>Brain Research</i> , 2004, 1030, 221-233.	2.2	91
23	Peripheral amylin activates circumventricular organs expressing calcitonin receptor $\alpha/b$ subtypes and receptor-activity modifying proteins in the rat. <i>Brain Research</i> , 2004, 997, 97-102.	2.2	89
24	Roux-en-Y gastric bypass surgery in rats alters gut microbiota profile along the intestine. <i>Physiology and Behavior</i> , 2013, 119, 92-96.	2.1	83
25	Lesion of the lateral parabrachial nucleus attenuates the anorectic effect of peripheral amylin and CCK. <i>Brain Research</i> , 2007, 1162, 76-84.	2.2	81
26	Vagal Sparing Surgical Technique but Not Stoma Size Affects Body Weight Loss in Rodent Model of Gastric Bypass. <i>Obesity Surgery</i> , 2010, 20, 616-622.	2.1	81
27	The physiology underlying Roux-en-Y gastric bypass: a status report. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R1275-R1291.	1.8	81
28	Brainstem mechanisms of amylin-induced anorexia. <i>Physiology and Behavior</i> , 2010, 100, 511-518.	2.1	80
29	Amylin - Its role in the homeostatic and hedonic control of eating and recent developments of amylin analogs to treat obesity. <i>Molecular Metabolism</i> , 2018, 8, 203-210.	6.5	80
30	Central amylin acts as an adiposity signal to control body weight and energy expenditure. <i>Physiology and Behavior</i> , 2010, 101, 45-52.	2.1	75
31	Specific amino acids inhibit food intake via the area postrema or vagal afferents. <i>Journal of Physiology</i> , 2013, 591, 5611-5621.	2.9	75
32	Adaptation of iron transport and metabolism to acute high-altitude hypoxia in mountaineers. <i>Hepatology</i> , 2013, 58, 2153-2162.	7.3	71
33	Amylin at the interface between metabolic and neurodegenerative disorders. <i>Frontiers in Neuroscience</i> , 2015, 9, 216.	2.8	71
34	Amylin-Induced Central IL-6 Production Enhances Ventromedial Hypothalamic Leptin Signaling. <i>Diabetes</i> , 2015, 64, 1621-1631.	0.6	68
35	Noradrenergic neurons of the area postrema mediate amylin's hypophagic action. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R623-R631.	1.8	64
36	Amylin and glucose co-activate area postrema neurons of the rat. <i>Neuroscience Letters</i> , 2002, 328, 121-124.	2.1	62

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37	Biological importance of the peptides of the calcitonin family as revealed by disruption and transfer of corresponding genes. <i>Peptides</i> , 2004, 25, 2027-2038.	2.4	59
38	Effects of Peripheral Neurotensin on Appetite Regulation and Its Role in Gastric Bypass Surgery. <i>Endocrinology</i> , 2016, 157, 3482-3492.	2.8	58
39	Inhibition of Central Amylin Signaling Increases Food Intake and Body Adiposity in Rats. <i>Endocrinology</i> , 2001, 142, 5035-5035.	2.8	56
40	Divergent effects of estradiol and the estrogen receptor- $\beta$ agonist PPT on eating and activation of PVN CRH neurons in ovariectomized rats and mice. <i>Brain Research</i> , 2009, 1268, 88-96.	2.2	55
41	Acute 3rd-ventricular amylin infusion potently reduces food intake but does not produce aversive consequences. <i>Peptides</i> , 2002, 23, 985-988.	2.4	54
42	The acute effect of amylin and salmon calcitonin on energy expenditure. <i>Physiology and Behavior</i> , 2007, 91, 212-217.	2.1	54
43	Estrogenic suppression of binge-like eating elicited by cyclic food restriction and frustrative-nonreward stress in female rats. <i>International Journal of Eating Disorders</i> , 2017, 50, 624-635.	4.0	51
44	Pathogenesis of Feline Diabetes Mellitus. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 1995, 25, 527-552.	1.5	49
45	Inhibitory effects of lipopolysaccharide on hypothalamic nuclei implicated in the control of food intake. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 56-64.	4.1	49
46	Roux-en-Y gastric bypass surgery reduces bone mineral density and induces metabolic acidosis in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R999-R1009.	1.8	49
47	Amylin receptor components and the leptin receptor are co-expressed in single rat area postrema neurons. <i>European Journal of Neuroscience</i> , 2016, 43, 653-661.	2.6	49
48	Predictors of Clinical Remission in Cats with Diabetes Mellitus. <i>Journal of Veterinary Internal Medicine</i> , 2010, 24, 1314-1321.	1.6	48
49	Influence of high-fat feeding, diet-induced obesity, and hyperamylinemia on the sensitivity to acute amylin. <i>Physiology and Behavior</i> , 2011, 104, 20-28.	2.1	48
50	Gastric bypass in rats does not decrease appetitive behavior towards sweet or fatty fluids despite blunting preferential intake of sugar and fat. <i>Physiology and Behavior</i> , 2015, 142, 179-188.	2.1	48
51	Identification of central projections from amylin-activated neurons to the lateral hypothalamus. <i>Brain Research</i> , 2010, 1334, 31-44.	2.2	47
52	The interaction of amylin with other hormones in the control of eating. <i>Diabetes, Obesity and Metabolism</i> , 2013, 15, 99-111.	4.4	47
53	Physiological Mechanisms behind Roux-en-Y Gastric Bypass Surgery. <i>Digestive Surgery</i> , 2014, 31, 13-24.	1.2	47
54	The role of the area postrema in the anorectic effects of amylin and salmon calcitonin: behavioral and neuronal phenotyping. <i>European Journal of Neuroscience</i> , 2014, 40, 3055-3066.	2.6	46

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55	High-throughput screening for selective appetite modulators: A multibehavioral and translational drug discovery strategy. <i>Science Advances</i> , 2018, 4, eaav1966.	10.3	46
56	Amylin Selectively Signals Onto POMC Neurons in the Arcuate Nucleus of the Hypothalamus. <i>Diabetes</i> , 2018, 67, 805-817.	0.6	45
57	Disturbed eating at high altitude: influence of food preferences, acute mountain sickness and satiation hormones. <i>European Journal of Nutrition</i> , 2013, 52, 625-635.	3.9	44
58	Interleukin-6 contributes to early fasting-induced free fatty acid mobilization in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R861-R867.	1.8	44
59	Evidence for a physiological role of central calcitonin gene-related peptide (CGRP) receptors in the control of food intake in rats. <i>Neuroscience Letters</i> , 1997, 230, 159-162.	2.1	42
60	Differential effects of amylin and salmon calcitonin on neuropeptide gene expression in the lateral hypothalamic area and the arcuate nucleus of the rat. <i>Neuroscience Letters</i> , 2003, 341, 131-134.	2.1	42
61	Histamine H1 receptors in the ventromedial hypothalamus mediate the anorectic action of the pancreatic hormone amylin. <i>Peptides</i> , 2003, 24, 155-158.	2.4	41
62	Estradiol Increases Body Weight Loss and Gut-Peptide Satiation After Roux-en-Y Gastric Bypass in Ovariectomized Rats. <i>Gastroenterology</i> , 2012, 143, 325-327.e2.	1.3	41
63	The Use of Rat and Mouse Models in Bariatric Surgery Experiments. <i>Frontiers in Nutrition</i> , 2016, 3, 25.	3.7	40
64	Diabetic cats have decreased gut microbial diversity and a lack of butyrate producing bacteria. <i>Scientific Reports</i> , 2019, 9, 4822.	3.3	40
65	Ghrelin receptor inverse agonists as a novel therapeutic approach against obesity-related metabolic disease. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 1740-1750.	4.4	37
66	The anti-ghrelin Spiegelmer NOX-B11-3 blocks ghrelin- but not fasting-induced neuronal activation in the hypothalamic arcuate nucleus. <i>Journal of Neuroendocrinology</i> , 2007, ja, 071005203225002.	2.6	36
67	Translational value of animal models of obesity-Focus on dogs and cats. <i>European Journal of Pharmacology</i> , 2015, 759, 240-252.	3.5	36
68	Amylin and Leptin: Co-Regulators of Energy Homeostasis and Neuronal Development. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 153-164.	7.1	36
69	Oleylethanolamide decreases frustration stress-induced binge-like eating in female rats: a novel potential treatment for binge-eating disorder. <i>Neuropsychopharmacology</i> , 2020, 45, 1931-1941.	5.4	36
70	Roles of Amylin in Satiation, Adiposity and Brain Development. <i>Forum of Nutrition</i> , 2010, 63, 64-74.	3.7	35
71	Evaluation of a Novel Real-Time Continuous Glucose-Monitoring System for Use in Cats. <i>Journal of Veterinary Internal Medicine</i> , 2010, 24, 120-126.	1.6	35
72	Effects of Amylin on Eating and Adiposity. <i>Handbook of Experimental Pharmacology</i> , 2012, , 231-250.	1.8	35

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73	Anorexia-cachexia syndrome in hepatoma tumour-bearing rats requires the area postrema but not vagal afferents and is paralleled by increased MIC-1/GDF15. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 417-427.	7.3	34
74	Postprandial response of plasma insulin, amylin and acylated ghrelin to various test meals in lean and obese cats. <i>British Journal of Nutrition</i> , 2010, 103, 1610-1619.	2.3	32
75	Acute peripheral GLP-1 receptor agonism or antagonism does not alter energy expenditure in rats after Roux-en-Y gastric bypass. <i>Physiology and Behavior</i> , 2013, 121, 70-78.	2.1	31
76	Basal Plasma Levels of Insulin, Leptin, Ghrelin, and Amylin Do Not Signal Adiposity in Rats Recovering from Forced Overweight. <i>Endocrinology</i> , 2010, 151, 4280-4288.	2.8	30
77	Endogenous VMH amylin signaling is required for full leptin signaling and protection from diet-induced obesity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R355-R365.	1.8	30
78	Effect of Roux-en-Y gastric bypass and diet-induced weight loss on diabetic kidney disease in the Zucker diabetic fatty rat. <i>Surgery for Obesity and Related Diseases</i> , 2017, 13, 21-27.	1.2	30
79	Amylin in the Periphery II: An Updated Mini-Review. <i>Scientific World Journal</i> , The, 2006, 6, 1642-1655.	2.1	29
80	Amylin and GLP-1 target different populations of area postrema neurons that are both modulated by nutrient stimuli. <i>Physiology and Behavior</i> , 2013, 112-113, 61-69.	2.1	29
81	Diabetes from humans to cats. <i>General and Comparative Endocrinology</i> , 2013, 182, 48-53.	1.8	29
82	Downregulation of duodenal SLC transporters and activation of proinflammatory signaling constitute the early response to high altitude in humans. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G673-G688.	3.4	29
83	High dietary fat intake influences the activation of specific hindbrain and hypothalamic nuclei by the satiety factor oleoylethanolamide. <i>Physiology and Behavior</i> , 2014, 136, 55-62.	2.1	29
84	The ghrelin receptor agonist HM01 mimics the neuronal effects of ghrelin in the arcuate nucleus and attenuates anorexia-cachexia syndrome in tumor-bearing rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R89-R96.	1.8	29
85	Oral Treatment with the Ghrelin Receptor Agonist HM01 Attenuates Cachexia in Mice Bearing Colon-26 (C26) Tumors. <i>International Journal of Molecular Sciences</i> , 2017, 18, 986.	4.1	29
86	Amylin brain circuitry. <i>Peptides</i> , 2020, 132, 170366.	2.4	29
87	Anorectic effect of amylin is not transmitted by capsaicin-sensitive nerve fibers. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 274, R1777-R1782.	1.8	28
88	Amylinergic control of food intake in lean and obese rodents. <i>Physiology and Behavior</i> , 2011, 105, 129-137.	2.1	28
89	Roux-en-Y Gastric Bypass Operation in Rats. <i>Journal of Visualized Experiments</i> , 2012, , e3940.	0.3	28
90	Involvement of nitric oxide in lipopolysaccharide induced anorexia. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 97, 112-120.	2.9	27

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91	Adrenocorticotrophic hormone, but not trilostane, causes severe adrenal hemorrhage, vacuolization, and apoptosis in rats. <i>Domestic Animal Endocrinology</i> , 2011, 40, 155-164.	1.6	27
92	Hindbrain noradrenergic input to the hypothalamic PVN mediates the activation of oxytocinergic neurons induced by the satiety factor oleoylethanolamide. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E1266-E1273.	3.5	27
93	Glucagon-like peptide-1, glucagon-like peptide-2, and lipid metabolism. <i>Current Opinion in Lipidology</i> , 2016, 27, 257-263.	2.7	27
94	Nitric oxide directly inhibits ghrelin-activated neurons of the arcuate nucleus. <i>Brain Research</i> , 2006, 1125, 37-45.	2.2	25
95	Effects of glucagon-like peptide 1 and oxyntomodulin on neuronal activity of ghrelin-sensitive neurons in the hypothalamic arcuate nucleus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R1061-R1067.	1.8	25
96	The area postrema (AP) and the parabrachial nucleus (PBN) are important sites for salmon calcitonin (sCT) to decrease evoked phasic dopamine release in the nucleus accumbens (NAc). <i>Physiology and Behavior</i> , 2017, 176, 9-16.	2.1	25
97	Diet-Derived Nutrients Modulate the Effects of Amylin on c-Fos Expression in the Area Postrema and on Food Intake. <i>Neuroendocrinology</i> , 2007, 86, 124-135.	2.5	24
98	RAMP1 and RAMP3 Differentially Control Amylin's Effects on Food Intake, Glucose and Energy Balance in Male and Female Mice. <i>Neuroscience</i> , 2020, 447, 74-93.	2.3	24
99	Amylin/Calcitonin Receptor-Mediated Signaling in POMC Neurons Influences Energy Balance and Locomotor Activity in Chow-Fed Male Mice. <i>Diabetes</i> , 2020, 69, 1110-1125.	0.6	24
100	Chronic infusion of the amylin antagonist AC 187 increases feeding in Zucker fa/fa rats but not in lean controls. <i>Physiology and Behavior</i> , 2004, 81, 481-488.	2.1	23
101	Survival time and prognostic factors in cats with newly diagnosed diabetes mellitus: 114 cases (2000-2009). <i>Journal of the American Veterinary Medical Association</i> , 2013, 243, 91-95.	0.5	23
102	Early postnatal amylin treatment enhances hypothalamic leptin signaling and neural development in the selectively bred diet-induced obese rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R1032-R1044.	1.8	23
103	Endocrine Pancreas in Cats With Diabetes Mellitus. <i>Veterinary Pathology</i> , 2016, 53, 136-144.	1.7	23
104	Rodent models of leptin receptor deficiency are less sensitive to amylin. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R856-R865.	1.8	23
105	A review of new developments in type 2 diabetes in human beings and cats. <i>British Veterinary Journal</i> , 1993, 149, 527-536.	0.5	22
106	Blunted Fasting-Induced Hypothalamic Activation and Refeeding Hyperphagia in Late-Onset Obesity. <i>Neuroendocrinology</i> , 2009, 90, 371-382.	2.5	21
107	Roux-en Y Gastric Bypass Is Superior to Duodeno-Jejunal Bypass in Improving Glycaemic Control in Zucker Diabetic Fatty Rats. <i>Obesity Surgery</i> , 2014, 24, 1888-1895.	2.1	21
108	Involvement of Amylin and Leptin in the Development of Projections from the Area Postrema to the Nucleus of the Solitary Tract. <i>Frontiers in Endocrinology</i> , 2017, 8, 324.	3.5	21

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109	Hyperleptinemia as a contributing factor for the impairment of glucose intolerance in obesity. <i>FASEB Journal</i> , 2021, 35, e21216.	0.5	21
110	Creating the amylin story. <i>Appetite</i> , 2022, 172, 105965.	3.7	21
111	Diet-derived nutrients mediate the inhibition of hypothalamic NPY neurons in the arcuate nucleus of mice during refeeding. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R100-R110.	1.8	20
112	Partial sequencing and expression of genes involved in glucose metabolism in adipose tissues and skeletal muscle of healthy cats. <i>Veterinary Journal</i> , 2009, 180, 66-70.	1.7	20
113	Reduced fasting-induced activation of hypothalamic arcuate neurons is associated with hyperleptinemia and increased leptin sensitivity in obese mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R632-R641.	1.8	20
114	Amylin May Offer (More) Help to Treat Postmenopausal Obesity. <i>Endocrinology</i> , 2011, 152, 1-3.	2.8	20
115	Comparison of a Continuous Glucose Monitoring System with a Portable Blood Glucose Meter to Determine Insulin Dose in Cats with Diabetes Mellitus. <i>Journal of Veterinary Internal Medicine</i> , 2011, 25, 1084-1088.	1.6	19
116	L-lysine dose dependently delays gastric emptying and increases intestinal fluid volume in humans and rats. <i>Neurogastroenterology and Motility</i> , 2014, 26, 999-1009.	3.0	19
117	Brainstem GLP-1 signalling contributes to cancer anorexia-cachexia syndrome in the rat. <i>Neuropharmacology</i> , 2018, 131, 282-290.	4.1	19
118	Ghrelin-induced hypothermia: A physiological basis but no clinical risk. <i>Physiology and Behavior</i> , 2011, 105, 43-51.	2.1	18
119	Longitudinal Evaluation of Serum Pancreatic Enzymes and Ultrasonographic Findings in Diabetic Cats Without Clinically Relevant Pancreatitis at Diagnosis. <i>Journal of Veterinary Internal Medicine</i> , 2015, 29, 589-596.	1.6	18
120	The satiating hormone amylin enhances neurogenesis in the area postrema of adult rats. <i>Molecular Metabolism</i> , 2016, 5, 834-843.	6.5	18
121	Hyperglycaemia but not hyperlipidaemia decreases serum amylase and increases neutrophils in the exocrine pancreas of cats. <i>Research in Veterinary Science</i> , 2010, 89, 20-26.	1.9	17
122	Renal Morphology in Cats With Diabetes Mellitus. <i>Veterinary Pathology</i> , 2014, 51, 1143-1150.	1.7	17
123	Vaccination Against Amyloidogenic Aggregates in Pancreatic Islets Prevents Development of Type 2 Diabetes Mellitus. <i>Vaccines</i> , 2020, 8, 116.	4.4	17
124	Lipopolysaccharide inhibits ghrelin-excited neurons of the arcuate nucleus and reduces food intake via central nitric oxide signaling. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 867-879.	4.1	16
125	Role of the area postrema in the hypophagic effects of oleoylethanolamide. <i>Pharmacological Research</i> , 2017, 122, 20-34.	7.1	16
126	Glucose reverses fasting-induced activation in the arcuate nucleus of mice. <i>NeuroReport</i> , 2008, 19, 105-109.	1.2	15



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127	Remission of Diabetes Mellitus in Cats Cannot be Predicted by the Arginine Stimulation Test. <i>Journal of Veterinary Internal Medicine</i> , 2011, 25, 83-89.	1.6	15
128	Effects of the glucagon-like peptide-1 (GLP-1) analogues exenatide, exenatide extended-release, and of the dipeptidylpeptidase-4 (DPP-4) inhibitor sitagliptin on glucose metabolism in healthy cats. <i>Research in Veterinary Science</i> , 2015, 99, 23-29.	1.9	15
129	Eating disorders: from bench to bedside and back. <i>Journal of Neurochemistry</i> , 2016, 139, 691-699.	3.9	15
130	A spontaneous leptin receptor point mutation causes obesity and differentially affects leptin signaling in hypothalamic nuclei resulting in metabolic dysfunctions distinct from db/db mice. <i>Molecular Metabolism</i> , 2019, 25, 131-141.	6.5	15
131	Effect of bariatric surgery combined with medical therapy versus intensive medical therapy or calorie restriction and weight loss on glycemic control in Zucker diabetic fatty rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R321-R329.	1.8	14
132	Exocrine Pancreas in Cats With Diabetes Mellitus. <i>Veterinary Pathology</i> , 2016, 53, 145-152.	1.7	14
133	Considering our methods: Methodological issues with rodent models of appetite and obesity research. <i>Physiology and Behavior</i> , 2018, 192, 182-187.	2.1	14
134	Evaluation of Acute Mountain Sickness by Unsedated Transnasal Esophagogastroduodenoscopy at High Altitude. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 2218-2225.e2.	4.4	14
135	Viral depletion of calcitonin receptors in the area postrema: A proof-of-concept study. <i>Physiology and Behavior</i> , 2020, 223, 112992.	2.1	13
136	The dipeptidyl peptidase IV inhibitor NVP-DPP728 reduces plasma glucagon concentration in cats. <i>Veterinary Journal</i> , 2010, 183, 355-357.	1.7	12
137	Glucose concentrations after insulin-induced hypoglycemia and glycemic variability in healthy and diabetic cats. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 978-985.	1.6	12
138	Unsilencing of native LepRs in hypothalamic SF1 neurons does not rescue obese phenotype in LepR-deficient mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 317, R451-R460.	1.8	12
139	10-Day Hyperlipidemic Clamp in Cats: Effects on Insulin Sensitivity, Inflammation, and Glucose Metabolism-related Genes. <i>Hormone and Metabolic Research</i> , 2010, 42, 340-347.	1.5	11
140	Reduced Insulin Sensitivity as a Marker for Acute Mountain Sickness?. <i>High Altitude Medicine and Biology</i> , 2013, 14, 240-250.	0.9	11
141	Simultaneous assessment of gastric emptying and secretion in rats by a novel computed tomography-based method. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G173-G182.	3.4	10
142	Effect of AP102, a subtype 2 and 5 specific somatostatin analog, on glucose metabolism in rats. <i>Endocrine</i> , 2017, 58, 124-133.	2.3	10
143	Phenotypical heterogeneity in responder and nonresponder male ApoE*3Leiden.CETP mice. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G602-G617.	3.4	10
144	Glycemic variability in newly diagnosed diabetic cats treated with the glucagon-like peptide-1 analogue exenatide extended release. <i>Journal of Veterinary Internal Medicine</i> , 2020, 34, 2287-2295.	1.6	10

#	ARTICLE	IF	CITATIONS
145	Systemic and Central Amylin, Amylin Receptor Signaling, and Their Physiological and Pathophysiological Roles in Metabolism. , 2020, 10, 811-837.		10
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173	Hair cortisol concentration in veal calves reared under two different welfare production labels. <i>Research in Veterinary Science</i> , 2019, 123, 286-292.	1.9	4
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