Denis G Baskin

List of Publications by Year
in descending order

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107	21,025	22153	30087
papers	citations	59 h-index	103 g-index

108	108	108	14157
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chronic CNS oxytocin signaling preferentially induces fat loss in high-fat diet-fed rats by enhancing satiety responses and increasing lipid utilization. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R640-R658.	1.8	82
2	Translational and therapeutic potential of oxytocin as an anti-obesity strategy: Insights from rodents, nonhuman primates and humans. Physiology and Behavior, 2015, 152, 438-449.	2.1	115
3	Chronic oxytocin administration inhibits food intake, increases energy expenditure, and produces weight loss in fructose-fed obese rhesus monkeys. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R431-R438.	1.8	141
4	Histochemical Insights into Pancreatic Islet Biology. Journal of Histochemistry and Cytochemistry, 2015, 63, 541-542.	2.5	0
5	A Historical Perspective on the Identification of Cell Types in Pancreatic Islets of Langerhans by Staining and Histochemical Techniques. Journal of Histochemistry and Cytochemistry, 2015, 63, 543-558.	2.5	39
6	Controls for Immunohistochemistry. Journal of Histochemistry and Cytochemistry, 2014, 62, 693-697.	2.5	196
7	Hindbrain Oxytocin Receptors Contribute to the Effects of Circulating Oxytocin on Food Intake in Male Rats. Endocrinology, 2014, 155, 2845-2857.	2.8	61
8	Improving the State of the Science of Immunohistochemistry. Journal of Histochemistry and Cytochemistry, 2014, 62, 691-692.	2.5	7
9	High-fat diet feeding causes rapid, non-apoptotic cleavage of caspase-3 in astrocytes. Brain Research, 2013, 1512, 97-105.	2.2	36
10	Leptin and the brain: then and now. Journal of Clinical Investigation, 2013, 123, 2344-2345.	8.2	22
11	Obesity is associated with hypothalamic injury in rodents and humans. Journal of Clinical Investigation, 2012, 122, 153-162.	8.2	1,448
12	Peripheral oxytocin suppresses food intake and causes weight loss in diet-induced obese rats. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E134-E144.	3.5	172
13	Chronic Administration of the Glucagon-Like Peptide-1 Analog, Liraglutide, Delays the Onset of Diabetes and Lowers Triglycerides in UCD-T2DM Rats. Diabetes, 2010, 59, 2653-2661.	0.6	63
14	Dietary fructose accelerates the development of diabetes in UCD-T2DM rats: amelioration by the antioxidant, Î±-lipoic acid. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R1343-R1350.	1.8	44
15	Hypothalamic-Brainstem Circuits Controlling Eating. Forum of Nutrition, 2010, 63, 133-140.	3.7	70
16	A New Oxytocin-Saporin Cytotoxin for Lesioning Oxytocin-Receptive Neurons in the Rat Hindbrain. Endocrinology, 2010, 151, 4207-4213.	2.8	72
17	Immuno-Laser Capture Microdissection of Rat Brain Neurons for Real Time Quantitative PCR. Methods in Molecular Biology, 2010, 588, 219-230.	0.9	8
18	Hypothalamic proinflammatory lipid accumulation, inflammation, and insulin resistance in rats fed a high-fat diet. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E1003-E1012.	3.5	487

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19	Evidence that Intestinal Glucagon-Like Peptide-1 Plays a Physiological Role in Satiety. Endocrinology, 2009, 150, 1680-1687.	2.8	256
20	Hindbrain leptin receptor stimulation enhances the anorexic response to cholecystokinin. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R1238-R1246.	1.8	44
21	Forebrain melanocortin signaling enhances the hindbrain satiety response to CCK-8. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R476-R484.	1.8	61
22	Development and characterization of a novel rat model of type 2 diabetes mellitus: the UC Davis type 2 diabetes mellitus UCD-T2DM rat. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R1782-R1793.	1.8	88
23	Immunocytochemistry and Laser Capture Microdissection for Real-time Quantitative PCR Identify Hindbrain Neurons Activated by Interaction Between Leptin and Cholecystokinin. Journal of Histochemistry and Cytochemistry, 2008, 56, 285-293.	2.5	32
24	Distribution of insulin receptor substrate-2 in brain areas involved in energy homeostasis. Brain Research, 2006, 1112, 169-178.	2.2	81
25	Single-Minded View of Melanocortin Signaling in Energy Homeostasis. Endocrinology, 2006, 147, 4539-4541.	2.8	10
26	Leptin Regulation of the Anorexic Response to Glucagon-Like Peptide-1 Receptor Stimulation. Diabetes, 2006, 55, 3387-3393.	0.6	164
27	Effects of Hypothalamic Neurodegeneration on Energy Balance. PLoS Biology, 2005, 3, e415.	5.6	159
28	Insulin Signaling in the Central Nervous System. Diabetes, 2005, 54, 1264-1276.	0.6	312
29	Leptin action in the forebrain regulates the hindbrain response to satiety signals. Journal of Clinical Investigation, 2005, 115, 703-710.	8.2	202
30	Evidence that paraventricular nucleus oxytocin neurons link hypothalamic leptin action to caudal brain stem nuclei controlling meal size. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 287, R87-R96.	1.8	285
31	Insulin and its evolving partnership with leptin in the hypothalamic control of energy homeostasis. Trends in Endocrinology and Metabolism, 2004, 15, 362-369.	7.1	192
32	Oxytocin innervation of caudal brainstem nuclei activated by cholecystokinin. Brain Research, 2003, 993, 30-41.	2.2	151
33	Is the Energy Homeostasis System Inherently Biased Toward Weight Gain?. Diabetes, 2003, 52, 232-238.	0.6	323
34	Immunocytochemical Detection of Phosphatidylinositol 3-kinase Activation by Insulin and Leptin. Journal of Histochemistry and Cytochemistry, 2003, 51, 275-283.	2.5	107
35	Insulin Secretory Deficiency and Glucose Intolerance in Rab3A Null Mice. Journal of Biological Chemistry, 2003, 278, 9715-9721.	3.4	110
36	Arcuate Nucleus-Specific Leptin Receptor Gene Therapy Attenuates the Obesity Phenotype of Koletsky (fak/fak) Rats. Endocrinology, 2003, 144, 2016-2024.	2.8	155

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37	Insulin Activation of Phosphatidylinositol 3-Kinase in the Hypothalamic Arcuate Nucleus. Diabetes, 2003, 52, 227-231.	0.6	441
38	Insulin and the Blood-Brain Barrier. Current Pharmaceutical Design, 2003, 9, 795-800.	1.9	288
39	Thrittene, Homologous with Somatostatin-28(1â€“13), Is a Novel Peptide in Mammalian Gut and Circulation. Endocrinology, 2002, 143, 2599-2609.	2.8	18
40	Evidence That the Caudal Brainstem Is a Target for the Inhibitory Effect of Leptin on Food Intake. Endocrinology, 2002, 143, 239-246.	2.8	349
41	Peptide signals regulating food intake and energy homeostasis. Canadian Journal of Physiology and Pharmacology, 2002, 80, 396-406.	1.4	43
42	Decreasing hypothalamic insulin receptors causes hyperphagia and insulin resistance in rats. Nature Neuroscience, 2002, 5, 566-572.	14.8	613
43	Leptin and Insulin Action in the Central Nervous System. Nutrition Reviews, 2002, 60, S20-S29.	5.8	180
44	Decreasing hypothalamic insulin receptors causes hyperphagia and insulin resistance in rats. Nature Neuroscience, 2002, 5, 566-572.	14.8	437
45	Hypothalamic, Metabolic, and Behavioral Responses to Pharmacological Inhibition of CNS Melanocortin Signaling in Rats. Journal of Neuroscience, 2001, 21, 3639-3645.	3.6	100
46	Central nervous system control of food intake. Nature, 2000, 404, 661-671.	27.8	5,309
47	Hypothalamic Melanin-Concentrating Hormone and Estrogen-Induced Weight Loss. Journal of Neuroscience, 2000, 20, 8637-8642.	3.6	160
48	Fluorescence In Situ Hybridization of Scarce Leptin Receptor mRNA using the Enzyme-Labeled Fluorescent Substrate Method and Tyramide Signal Amplification. Journal of Histochemistry and Cytochemistry, 2000, 48, 1593-1599.	2.5	39
49	Food Intake and the Regulation of Body Weight. Annual Review of Psychology, 2000, 51, 255-277.	17.7	293
50	SOCS-3 expression in leptin-sensitive neurons of the hypothalamus of fed and fasted rats. Regulatory Peptides, 2000, 92, 9-15.	1.9	42
51	Metabolic, gastrointestinal, and CNS neuropeptide effects of brain leptin administration in the rat. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R1425-R1433.	1.8	19
52	Leptin Receptor Long-form Splice-variant Protein Expression in Neuron Cell Bodies of the Brain and Co-localization with Neuropeptide Y mRNA in the Arcuate Nucleus. Journal of Histochemistry and Cytochemistry, 1999, 47, 353-362.	2.5	181
53	Leptin binding in the arcuate nucleus is increased during fasting. Brain Research, 1999, 828, 154-158.	2.2	56
54	Insulin and leptin: dual adiposity signals to the brain for the regulation of food intake and body weight. Brain Research, 1999, 848, 114-123.	2.2	341

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55	Model for the regulation of energy balance and adiposity by the central nervous system. American Journal of Clinical Nutrition, 1999, 69, 584-596.	4.7	236
56	Neuropeptide Y-like Gene Expression in the Salmon Brain Increases with Fasting. General and Comparative Endocrinology, 1998, 110, 157-165.	1.8	151
57	Coexpression of Agrp and NPY in fasting-activated hypothalamic neurons. Nature Neuroscience, 1998, 1, 271-272.	14.8	987
58	Effect of Fasting and Leptin Deficiency on Hypothalamic Neuropeptide Y Gene Transcriptionin VivoRevealed by Expression of alacZReporter Gene¹. Endocrinology, 1998, 139, 2629-2635.	2.8	75
59	Leptin Increases Hypothalamic Pro-opiomelanocortin mRNA Expression in the Rostral Arcuate Nucleus. Diabetes, 1997, 46, 2119-2123.	0.6	785
60	Galanin is localized in sympathetic neurons of the dog liver. American Journal of Physiology - Endocrinology and Metabolism, 1997, 273, E1194-E1202.	3.5	7
61	Melanocortin receptors in leptin effects. Nature, 1997, 390, 349-349.	27.8	456
62	Regulation of Food Intake and Body Weight. , 1997, , 25-56.		1
63	Evidence that galanin is a parasympathetic, rather than a sympathetic, neurotransmitter in the baboon pancreas. Regulatory Peptides, 1996, 67, 93-101.	1.9	14
64	Food intake and estradiol effects on insulin binding in brain and liver. Physiology and Behavior, 1993, 53, 757-762.	2.1	7
65	Differential effect of fasting on hypothalamic expression of genes encoding neuropeptide Y, galanin, and glutamic acid decarboxylase. Brain Research Bulletin, 1993, 31, 361-367.	3.0	113
66	Immunocytochemical detection of insulin receptor substrate-1 (IRS-1) in rat brain: colocalization with phosphotyrosine. Regulatory Peptides, 1993, 48, 257-266.	1.9	55
67	Insulin, Neuropeptide Y, and Food Intake. Annals of the New York Academy of Sciences, 1993, 692, 60-71.	3.8	55
68	Protection from Bb Rat Diabetes by the Platelet-Activating Factor Inhibitor BN50730. Autoimmunity, 1993, 16, 259-266.	2.6	5
69	Insulin in the Brain: A Hormonal Regulator of Energy Balance*. Endocrine Reviews, 1992, 13, 387-414.	20.1	568
70	Effect of fasting on regional levels of neuropeptide Y mRNA and insulin receptors in the rat hypothalamus: An autoradiographic study. Molecular and Cellular Neurosciences, 1992, 3, 199-205.	2.2	74
71	Interleukin-1Î² regulation of islet and thyroid autoimmunity in the BB rat. Journal of Autoimmunity, 1991, 4, 717-732.	6.5	21
72	Localization of Type I Insulin-Like Growth Factor Receptor Messenger RNA in the Adult Rat Brain byin SituHybridization. Molecular Endocrinology, 1991, 5, 1158-1168.	3.7	123

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73	Effect of paraformaldehyde fixation on localization and characterization of insulin-like growth factor-I (IGF-I) receptors in the rat brain. The Anatomical Record, 1991, 231, 467-472.	1.8	8
74	Effects of Ginkgolide B, A Platelet-Activating Factor Inhibitor on Insulitis in the Spontaneously Diabetic Bb Rat. Autoimmunity, 1991, 9, 225-235.	2.6	24
75	Localization of Insulin and Type 1 IGF Receptors in Rat Brain by in Vitro Autoradiography and in Situ Hybridization. Advances in Experimental Medicine and Biology, 1991, 293, 459-470.	1.6	40
76	Distribution of somatostatin-14 and somatostatin-28 gastrointestinal-pancreatic cells of rats and humans. Gastroenterology, 1990, 99, 1283-1291.	1.3	63
77	Insulin binding to brain capillaries is reduced in genetically obese, hyperinsulinemic Zucker rats. Peptides, 1990, 11, 467-472.	2.4	111
78	Localization of insulin receptor mRNA in rat brain by in situ hybridization. Endocrinology, 1990, 127, 3234-3236.	2.8	383
79	Localization and Characterization of Binding Sites with High Affinity for [3H]Ouabain in Cerebral Cortex of Rabbit Brain Using Quantitative Autoradiography. Journal of Neurochemistry, 1989, 52, 193-200.	3.9	22
80	Calibration of [14C]plastic standards for quantitative autoradiography of [125I]labeled ligands with Amersham Hyperfilm Î²-max. Neuroscience Letters, 1989, 104, 171-177.	2.1	31
81	Insulin binding in the hypothalamus of lean and genetically obese Zucker rats. Peptides, 1989, 10, 1159-1164.	2.4	33
82	Reduction of insulin binding in the arcuate nucleus of the rat hypothalamus after 6-hydroxydopamine treatment. Brain Research, 1989, 500, 149-155.	2.2	22
83	Insulin-Like Growth Factors as Regulatory Peptides in the Adult Rat Brain. , 1989, , 427-434.		3
84	Localization of binding sites for insulin-like growth factor-I (IGF-I) in the rat brain by quantitative autoradiography. Brain Research, 1988, 444, 205-213.	2.2	183
85	Insulin and insulin-like growth factors in the CNS. Trends in Neurosciences, 1988, 11, 107-111.	8.6	287
86	Characterization of Insulin-Like Growth Factor I Receptors in the Median Eminence of the Brain and Their Modulation by Food Restriction*. Endocrinology, 1988, 122, 1940-1947.	2.8	47
87	Reduced Effect of Experimental Peripheral Hyperinsulinemia to Elevate Cerebrospinal Fluid Insulin Concentrations of Obese Zucker Rats*. Endocrinology, 1987, 121, 1611-1615.	2.8	79
88	Insulin in the Central Nervous System: A Regulator of Appetite and Body Weight. , 1987, , 151-162.		3
89	Localization of 125I-insulin binding sites in the rat hypothalamus by quantitative autoradiography. Neuroscience Letters, 1986, 70, 17-22.	2.1	166
90	Ontogenetic changes in vasopressin binding site distribution in rat brain: An autoradiographic study. Developmental Brain Research, 1986, 28, 63-68.	1.7	60

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91	An inexpensive microcomputer digital imaging system for densitometry: quantitative autoradiography of insulin receptors with 125I and LKB ultrofilm. Journal of Neuroscience Methods, 1986, 16, 119-129.	2.5	49
92	Genetically obese zucker rats have abnormally low brain insulin content. Life Sciences, 1985, 36, 627-633.	4.3	129
93	Immunocytochemical identification of cells containing insulin, glucagon, somatostatin, and pancreatic polypetide in the islets of langerhans of the guinea pig pancreas with light and electron microscopy. The Anatomical Record, 1984, 208, 567-578.	1.8	30
94	Somatostatin in epithelial cells of intestinal mucosa is present primarily as somatostatin 28. Peptides, 1984, 5, 615-621.	2.4	46
95	Characterization and localization of 3H-arginine8-vasopressin binding to rat kidney and brain tissue. Peptides, 1983, 4, 699-706.	2.4	124
96	Regional Concentrations of Insulin in the Rat Brain*. Endocrinology, 1983, 112, 898-903.	2.8	208
97	Autoradiographic localization of specific binding sites for [3H][Arg8]vasopressin in the septum of the rat brain with tritium-sensitive film. European Journal of Pharmacology, 1983, 90, 155-157.	3.5	86
98	Immunocytochemical Detection of Insulin in Rat Hypothalamus and Its Possible Uptake from Cerebrospinal Fluid[*]. Endocrinology, 1983, 113, 1818-1825.	2.8	124
99	IMMUNOREACTIVE INSULIN LEVELS ARE ELEVATED IN THE CEREBROSPINAL FLUID OF GENETICALLY OBESE ZUCKER RATS. Endocrinology, 1983, 113, 2299-2301.	2.8	74
100	Functional classification of cell types in the growth hormone- and prolactin-secreting rat MtTW15 mammosomatotropic tumor with ultrastructural immunocytochemistry. American Journal of Anatomy, 1980, 158, 455-461.	1.0	11
101	Neurosecretion and the Endocrinology of Nereid Polychaetes. American Zoologist, 1976, 16, 107-124.	0.7	16
102	Fine structure, functional organization and supportive role of neuroglia in Nereis. Tissue and Cell, 1971, 3, 579-587.	2.2	30
103	The fine structure of neuroglia in the central nervous system of nereid polychaetes. Cell and Tissue Research, 1971, 119, 295-308.	2.9	29
104	A possible neuroendocrine system in polynoid polychaetes. Journal of Morphology, 1971, 133, 93-103.	1.2	8
105	EXPERIMENTAL STUDIES ON THE ENDOCRINOLOGY AND REPRODUCTIVE BIOLOGY OF THE VIVIPAROUS POLYCHAETE ANNELID,NEREIS LIMNICOLAJOHNSON. Biological Bulletin, 1970, 139, 461-475.	1.8	10
106	Studies on the infracerebral gland of the polychaete annelid, Nereis limnicola, in relation to reproduction, salinity, and regeneration. General and Comparative Endocrinology, 1970, 15, 352-360.	1.8	13
107	The infracerebral gland ? a possible neuroendocrine complex inNereis. Journal of Morphology, 1968, 124, 187-215.	1.2	33