

Thomas W Castonguay

List of Publications by Year in descending order

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55
papers

1,261
citations

331538

21
h-index

377752

34
g-index

56
all docs

56
docs citations

56
times ranked

958
citing authors

#	ARTICLE	IF	CITATIONS
1	Meal pattern analysis: artifacts, assumptions and implications. Brain Research Bulletin, 1986, 17, 439-443.	1.4	101
2	Glucocorticoids as modulators in the control of feeding. Brain Research Bulletin, 1991, 27, 423-428.	1.4	80
3	High-Fat Diets and Stress Responsivity. Physiology and Behavior, 1998, 64, 1-6.	1.0	73
4	Meal patterns in the genetically obese Zucker rat: A reexamination. Physiology and Behavior, 1982, 28, 911-916.	1.0	62
5	Elevated leptin concentrations in pregnancy and lactation: Possible role as a modulator of substrate utilization. Life Sciences, 1999, 65, 1183-1193.	2.0	54
6	Blackberry Feeding Increases Fat Oxidation and Improves Insulin Sensitivity in Overweight and Obese Males. Nutrients, 2018, 10, 1048.	1.7	54
7	Decreased responsiveness to dietary fat in Otsuka Long-Evans Tokushima fatty rats lacking CCK-A receptors. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 277, R1144-R1151.	0.9	53
8	Dietary Self-Selection and the Zucker Rat. Journal of Nutrition, 1982, 112, 796-800.	1.3	50
9	Palatability of sugar solutions and dietary selection. Physiology and Behavior, 1981, 27, 7-12.	1.0	48
10	Circadian rhythm of corticosterone in diabetic rats. Life Sciences, 1988, 43, 1643-1645.	2.0	47
11	Adrenal modulation of the enhanced fat intake subsequent to fasting. Physiology and Behavior, 1990, 48, 373-381.	1.0	43
12	Taste or diet balancing?. Physiology and Behavior, 1980, 24, 765-767.	1.0	39
13	The effect of liver denervation on meal patterns, body weight and body composition of rats. Physiology and Behavior, 1984, 33, 661-667.	1.0	39
14	High Fructose Diets Increase 11 β -Hydroxysteroid Dehydrogenase Type 1 in Liver and Visceral Adipose in Rats Within 24h Exposure. Obesity, 2011, 19, 925-932.	1.5	35
15	Meal patterns of rats with dorsomedial hypothalamic nuclei lesions or sham operations. Physiology and Behavior, 1986, 36, 693-698.	1.0	31
16	Relationship Between Serum Leptin Levels and Alcohol Consumption in a Controlled Feeding and Alcohol Ingestion Study. Journal of the National Cancer Institute, 2003, 95, 1722-1725.	3.0	30
17	Hunger And Appetite: Old Concepts/New Distinctions. Nutrition Reviews, 2009, 41, 101-110.	2.6	28
18	A detailed analysis of glucose and saccharin drinking in the rat. Physiology and Behavior, 1980, 24, 173-176.	1.0	27

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19	Insulin Affects Dopamine Overflow in the Nucleus Accumbens and the Striatum. <i>Physiology and Behavior</i> , 1998, 65, 811-816.	1.0	27
20	Sucrose Access Differentially Modifies 11 β -Hydroxysteroid Dehydrogenase-1 and Hexose-6-Phosphate Dehydrogenase Message in Liver and Adipose Tissue in Rats ., <i>Journal of Nutrition</i> , 2007, 137, 2616-2621.	1.3	25
21	Diet and the role of 11 β -hydroxysteroid dehydrogenase-1 on obesity. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 485-493.	1.9	24
22	Dietary dilution and intake in the cat. <i>Physiology and Behavior</i> , 1981, 27, 547-549.	1.0	23
23	Self-selection and the obese Zucker rat: The effect of dietary fat dilution. <i>Physiology and Behavior</i> , 1984, 33, 119-126.	1.0	22
24	Corticosterone modulation of dietary selection patterns. <i>Physiology and Behavior</i> , 1993, 53, 975-982.	1.0	21
25	Effect of chronic insulin administration on food intake and body weight in rats. <i>Physiology and Behavior</i> , 1991, 50, 801-806.	1.0	20
26	The effects of chronic cold exposure on diurnal corticosterone and aldosterone rhythms in Sprague-Dawley rats. <i>Physiology and Behavior</i> , 1993, 54, 363-367.	1.0	19
27	Twenty-four-hour free-feeding patterns of dogs eating dry food. <i>Neuroscience and Biobehavioral Reviews</i> , 1984, 8, 205-210.	2.9	18
28	Capsaicin and its effects upon meal patterns, and glucagon and epinephrine suppression of food intake. <i>Physiology and Behavior</i> , 1987, 40, 337-342.	1.0	18
29	Ingestional responses to metabolic challenges in rats selectively bred for high and low saccharin intake. <i>Physiology and Behavior</i> , 2002, 75, 97-104.	1.0	17
30	Macronutrient choice following food deprivation: Effect of dietary fat dilution. <i>Brain Research Bulletin</i> , 1993, 32, 543-548.	1.4	16
31	Hormone and somatic changes in rats pair-fed to growth retarded dorsomedial hypothalamic nuclei-lesioned rats. <i>Brain Research Bulletin</i> , 1994, 34, 117-124.	1.4	15
32	An evaluation of the use of total body electrical conductivity for the estimation of body composition in adult rats: effect of dietary obesity and adrenalectomy. <i>Physiology and Behavior</i> , 1995, 57, 765-772.	1.0	15
33	Effects of sugar solutions on hypothalamic appetite regulation. <i>Physiology and Behavior</i> , 2015, 139, 202-209.	1.0	11
34	Nutritional influences on dietary selection patterns of obese and lean Zucker rats. <i>Brain Research Bulletin</i> , 1985, 14, 625-631.	1.4	10
35	Age, sex and reproductive status alter the severity of anorexia in zinc deficient rats. <i>Physiology and Behavior</i> , 1986, 38, 485-493.	1.0	8
36	The effects of the acute administration of RU 486 on dietary fat preference in fasted lean and obese men. <i>Physiology and Behavior</i> , 1993, 54, 717-724.	1.0	8

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37	The effects of adrenalectomy and aldosterone replacement in transgenic mice expressing antisense RNA to the type 2 glucocorticoid receptor. <i>Physiology and Behavior</i> , 2002, 77, 417-423.	1.0	8
38	Aldosterone diurnal rhythm in the rat: A question of cross-reactivity?. <i>Physiology and Behavior</i> , 1993, 53, 845-848.	1.0	6
39	Effects of free access to sugar solutions on the control of energy intake. <i>Food Reviews International</i> , 2017, 33, 105-122.	4.3	6
40	Aldosterone reverses potassium-induced food aversions in adrenalectomized rats. <i>Physiology and Behavior</i> , 1988, 42, 137-140.	1.0	5
41	Effects of adrenalectomy and hormone replacement on B6C3F1 mice fed a high-fat diet. <i>Physiology and Behavior</i> , 2001, 72, 493-498.	1.0	5
42	Grape Pomace Aqueous Extract (GPE) Prevents High Fat Diet-Induced Diabetes and Attenuates Systemic Inflammation. <i>Food and Nutrition Sciences (Print)</i> , 2016, 07, 647-660.	0.2	5
43	Flavor, forced choice and deprivation affect corticosterone selection by the adrenalectomized rat. <i>Physiology and Behavior</i> , 1985, 35, 53-59.	1.0	3
44	Overnight Access to Sugar Solutions Affects mRNA Expression of Several Neuropeptides in Different Hypothalamic Regions in Rats. <i>Journal of Food and Nutrition Research (Newark, Del)</i> , 2015, 3, 69-76.	0.1	3
45	Intragastrically administered tryptophan blocks gluconeogenesis in 48-hr starved rats. <i>Journal of Nutritional Biochemistry</i> , 1996, 7, 567-570.	1.9	2
46	Fructose-Induced Hypertriglyceridemia: A Review. , 2014, , 197-205.		2
47	Studies of food choice: The nutritional challenge. <i>Behavioral and Brain Sciences</i> , 1985, 8, 334-335.	0.4	1
48	Traits of the metabolic syndrome alter corpulent obesity in LAN, SHR and DSS rats: Behavioral and metabolic interactions with adrenalectomy. <i>Physiology and Behavior</i> , 2011, 103, 98-103.	1.0	1
49	Appetite and Reward Signals in the Brain: Sugar Intake Effects on Brain Activity as Measured by Functional Magnetic Resonance Imaging. , 2014, , 307-314.		1
50	Fructose intake and circulating triglycerides: an examination of the roles of APOC 3 and FOXO1. <i>FASEB Journal</i> , 2013, 27, 1074.8.	0.2	1
51	Sugars, Glucocorticoids, and the Hypothalamic Controls of Appetite. , 2017, , 23-33.		0
52	Fructose, high fructose corn syrup and sucrose solutions: a comparison of their effects on the hypothalamic control of food intake. <i>FASEB Journal</i> , 2012, 26, 831.1.	0.2	0
53	Selection of reference gene for qPCR analysis of hypothalamic appetite regulation. <i>FASEB Journal</i> , 2013, 27, 640.17.	0.2	0
54	High fructose corn syrup–sweetened cola and the hypothalamus: a dose–response fMRI study. <i>FASEB Journal</i> , 2013, 27, 1066.4.	0.2	0

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55	Assessment of Feeding Behavior. <i>Methods in Neurosciences</i> , 1993, 14, 297-308.	0.5	0