

Larry L Bellinger

List of Publications by Year in descending order

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106
papers

2,868
citations

236833

25
h-index

189801

50
g-index

107
all docs

107
docs citations

107
times ranked

1859
citing authors

#	ARTICLE	IF	CITATIONS
1	The lateral hypothalamic area revisited: Ingestive behavior. <i>Neuroscience and Biobehavioral Reviews</i> , 1996, 20, 189-287.	2.9	377
2	The dorsomedial hypothalamic nucleus revisited: 1986 update. <i>Brain Research Reviews</i> , 1987, 12, 321-381.	9.1	242
3	The lateral hypothalamic area revisited: Neuroanatomy, body weight regulation, neuroendocrinology and metabolism. <i>Neuroscience and Biobehavioral Reviews</i> , 1993, 17, 141-193.	2.9	237
4	The dorsomedial hypothalamic nucleus and its role in ingestive behavior and body weight regulation. <i>Physiology and Behavior</i> , 2002, 76, 431-442.	1.0	200
5	The Dorsomedial Hypothalamic Nucleus Revisited: 1998 Update. <i>Experimental Biology and Medicine</i> , 1998, 218, 284-306.	1.1	160
6	Lateral functional shift of the mandible: Part I. Effects on condylar cartilage thickness and proliferation. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2003, 123, 153-159.	0.8	65
7	Cocaine-induced hypophagia and hyperlocomotion in rats are attenuated by prazosin. <i>European Journal of Pharmacology</i> , 2002, 455, 117-126.	1.7	49
8	Regulation of cell proliferation in rat mandibular condylar cartilage in explant culture by insulin-like growth factor-1 and fibroblast growth factor-2. <i>Archives of Oral Biology</i> , 2002, 47, 643-654.	0.8	49
9	Meal patterns in male rats during and after intermittent nicotine administration. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 74, 495-504.	1.3	47
10	Dopamine receptor D2, but not D1, mediates descending dopaminergic pathway-produced analgesic effect in a trigeminal neuropathic pain mouse model. <i>Pain</i> , 2019, 160, 334-344.	2.0	46
11	Suppression of feeding by cholecystokinin but not bombesin is attenuated in dorsomedial hypothalamic nuclei lesioned rats. <i>Peptides</i> , 1984, 5, 547-552.	1.2	45
12	Effect of Hypophysectomy, Thyroidectomy, Castration and Adrenalectomy on Diurnal Food and Water Intake in Rats. <i>Experimental Biology and Medicine</i> , 1979, 161, 162-166.	1.1	42
13	Lateral functional shift of the mandible: Part II. Effects on gene expression in condylar cartilage. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2003, 123, 160-166.	0.8	42
14	Liver denervation does not modify feeding responses to metabolic challenges or hypertonic NaCl induced water consumption. <i>Physiology and Behavior</i> , 1983, 30, 463-470.	1.0	39
15	The effect of liver denervation on meal patterns, body weight and body composition of rats. <i>Physiology and Behavior</i> , 1984, 33, 661-667.	1.0	39
16	The effects of liver denervation on food and water intake in the rat. <i>Physiology and Behavior</i> , 1981, 26, 663-671.	1.0	38
17	Measuring persistent temporomandibular joint nociception in rats and two mice strains. <i>Physiology and Behavior</i> , 2010, 99, 669-678.	1.0	37
18	Temporal changes in inflammatory mediator concentrations in an adjuvant model of temporomandibular joint inflammation. <i>Journal of Orofacial Pain</i> , 2005, 19, 34-40.	1.7	34

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19	Estrogenic effect on swelling and monocytic receptor expression in an arthritic temporomandibular joint model. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005, 97, 241-250.	1.2	33
20	The effects of chronic nicotine on meal patterns, food intake, metabolism and body weight of male rats. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 95, 92-99.	1.3	33
21	Estrogen in cycling rats alters gene expression in the temporomandibular joint, trigeminal ganglia and trigeminal subnucleus caudalis/upper cervical cord junction. <i>Journal of Cellular Physiology</i> , 2011, 226, 3169-3180.	2.0	32
22	Meal patterns of rats with dorsomedial hypothalamic nuclei lesions or sham operations. <i>Physiology and Behavior</i> , 1986, 36, 693-698.	1.0	31
23	Plasma hormone levels in growth-retarded rats with dorsomedial hypothalamic lesions. <i>Physiology and Behavior</i> , 1985, 34, 783-790.	1.0	28
24	Nicotine administration effects on feeding and cocaine- α -amphetamine-regulated transcript (CART) expression in the hypothalamus. <i>Regulatory Peptides</i> , 2007, 138, 66-73.	1.9	28
25	A role for cyclooxygenase II inhibitors in modulating temporomandibular joint inflammation from a meal pattern analysis perspective. <i>Journal of Oral and Maxillofacial Surgery</i> , 2004, 62, 989-995.	0.5	27
26	Estrogen and inflammation modulate estrogen receptor alpha expression in specific tissues of the temporomandibular joint. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 155.	1.4	27
27	Meal patterns and body weight after nicotine in male rats as a function of chow or high-fat diet. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 82, 627-634.	1.3	25
28	Specificity of meal pattern analysis as an animal model of determining temporomandibular joint inflammation/pain. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2005, 34, 425-431.	0.7	25
29	Reduced GABAA receptor $\alpha 6$ expression in the trigeminal ganglion alters inflammatory TMJ hypersensitivity. <i>Neuroscience</i> , 2012, 213, 179-190.	1.1	25
30	Capsaicin sensitive neurons role in the inflamed TMJ acute nociceptive response of female and male rats. <i>Physiology and Behavior</i> , 2007, 90, 782-789.	1.0	24
31	Intermittent nicotine administration modulates food intake in rats by acting on nicotine receptors localized to the brainstem. <i>Life Sciences</i> , 2004, 74, 2725-2737.	2.0	23
32	Effect of insulin in rats with lesions of the dorsomedial hypothalamic nucleus. <i>Physiology and Behavior</i> , 1979, 23, 1157-1161.	1.0	22
33	Aromatase Derived Estradiol Within the Thalamus Modulates Pain Induced by Varicella Zoster Virus. <i>Frontiers in Integrative Neuroscience</i> , 2018, 12, 46.	1.0	22
34	Feed efficiency in growth-retarded rats with ventromedial and dorsomedial hypothalamic lesions produced shortly after weaning. <i>Physiology and Behavior</i> , 1979, 23, 971-974.	1.0	21
35	Estradiol Acts in Lateral Thalamic Region to Attenuate Varicella Zoster Virus Associated Affective Pain. <i>Neuroscience</i> , 2019, 414, 99-111.	1.1	21
36	Sex differences underlying orofacial varicella zoster associated pain in rats. <i>BMC Neurology</i> , 2017, 17, 95.	0.8	20

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37	The effect of liver denervation on the consumption of various diets by rats. <i>Physiology and Behavior</i> , 1988, 43, 527-531.	1.0	18
38	Effect of i.c.v. infusion of the $\hat{1}\pm$ -MSH agonist MTII on meal patterns in male rats following nicotine withdrawal. <i>Life Sciences</i> , 2003, 73, 1861-1872.	2.0	18
39	A Pre-Existing Myogenic Temporomandibular Disorder Increases Trigeminal Calcitonin Gene-Related Peptide and Enhances Nitroglycerin-Induced Hypersensitivity in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4049.	1.8	17
40	Tumour necrosis factor- $\hat{1}\pm$ and apoptosis in the rat temporomandibular joint. <i>Archives of Oral Biology</i> , 2003, 48, 825-834.	0.8	16
41	Reduced GABAA receptor $\hat{1}\pm 6$ expression in the trigeminal ganglion enhanced myofascial nociceptive response. <i>Neuroscience</i> , 2013, 245, 1-11.	1.1	16
42	Preliminary study of light-cured hydrogel for endodontic drug delivery vehicle. <i>Journal of Investigative and Clinical Dentistry</i> , 2016, 7, 87-92.	1.8	16
43	Effect of diet hydration on food and water intake, efficiency of food utilization and response to fast and realimentation in rats with dorsomedial hypothalamic hypophagia and growth retardation. <i>Appetite</i> , 1982, 3, 35-52.	1.8	15
44	The effect of intracerebroventricularly infused satietin on conditioned taste aversion and feeding in rats fasted different lengths. <i>Pharmacology Biochemistry and Behavior</i> , 1985, 23, 559-566.	1.3	15
45	Liquid sucrose and fructose intake in male and female liver denervated rats. <i>Brain Research Bulletin</i> , 1986, 17, 835-846.	1.4	15
46	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
47	Dorsomedial Hypothalamic Lesions Alter Intake of an Imbalanced Amino Acid Diet in Rats. <i>Journal of Nutrition</i> , 1998, 128, 1213-1217.	1.3	15
48	Failure to demonstrate alterations in gluconeogenesis in growth-retarded weanling rats with dorsomedial hypothalamic lesions. <i>Journal of Neuroscience Research</i> , 1976, 2, 395-399.	1.3	14
49	Effect of palatable diet on growth, caloric intake and endocrine-metabolic profile in weanling rats with dorsomedial hypothalamic lesions. <i>Appetite</i> , 1986, 7, 219-230.	1.8	14
50	Lateral thalamic control of nociceptive response after whisker pad injection of varicella zoster virus. <i>Neuroscience</i> , 2017, 356, 207-216.	1.1	14
51	The effect of portal and jugular infused glucose, mannitol and saline on food intake in dogs. <i>Physiology and Behavior</i> , 1989, 46, 693-698.	1.0	13
52	Meal patterns in female rats during and after intermittent nicotine administration. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 80, 437-444.	1.3	13
53	Nicotine's attenuation of body weight involves the perifornical hypothalamus. <i>Life Sciences</i> , 2007, 81, 500-508.	2.0	13
54	A Non-invasive Model for Measuring Nociception after Tooth Pulp Exposure. <i>Journal of Dental Research</i> , 2012, 91, 883-887.	2.5	13

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55	The effect of continuous intracerebroventricular infusion of satietin on ingestion, activity and body weight of rats. <i>Physiology and Behavior</i> , 1987, 41, 505-509.	1.0	12
56	Brown (BAT) and white (WAT) adipose tissue in high-fat junk food (HFJF) and chow-fed rats with dorsomedial hypothalamic lesions (DMNL rats). <i>Behavioural Brain Research</i> , 1991, 43, 191-195.	1.2	12
57	Metabolic and neuroendocrine indices one month after lateral hypothalamic area lesions. <i>Physiology and Behavior</i> , 1992, 52, 133-139.	1.0	12
58	Genes in the GABA Pathway Increase in the Lateral Thalamus of Sprague-Dawley Rats During the Proestrus/Estrus Phase. <i>Journal of Cellular Physiology</i> , 2016, 231, 1057-1064.	2.0	12
59	Liquid diet preference in weanling rats with dorsomedial hypothalamic lesions. <i>Neuroscience</i> , 1976, 1, 375-IN5.	1.1	11
60	Feeding Studies in Weanling Rats with Dorsomedial Hypothalamic Lesions: Effect of High Fat and High Carbohydrate Diet and Nutrient Completeness on Food Choice and Intake. <i>Journal of Nutrition</i> , 1978, 108, 753-758.	1.3	11
61	Dorsomedial hypothalamic lesions at weaning and ovariectomy after maturity: Somatic and metabolic changes. <i>Physiology and Behavior</i> , 1981, 26, 91-98.	1.0	11
62	Response of Growth-Retarded, Hypophagic-Hypodipsic Rats with Dorsomedial Hypothalamic Lesions to a Diet in Liquid and Powder Forms. <i>Journal of Nutrition</i> , 1981, 111, 2142-2151.	1.3	11
63	Effect of Liver Denervation on Compensatory Changes in Food Intake, Body Composition and Hepatic Enzyme Induction after Food Restriction in Rats. <i>Journal of Nutrition</i> , 1990, 120, 893-899.	1.3	11
64	Innervated liver plays an inhibitory role in regulation of food intake. <i>Surgery</i> , 1996, 119, 202-207.	1.0	11
65	Modulation of temporomandibular joint nociception and inflammation in male rats after administering a physiological concentration of 17 β -estradiol. <i>European Journal of Pain</i> , 2013, 17, 174-184.	1.4	11
66	Infusion of Gabr β 6 siRNA into the trigeminal ganglia increased the myogenic orofacial nociceptive response of ovariectomized rats treated with 17 β -estradiol. <i>Neuroscience</i> , 2014, 278, 144-153.	1.1	11
67	Role for the Ventral Posterior Medial/Posterior Lateral Thalamus and Anterior Cingulate Cortex in Affective/Motivation Pain Induced by Varicella Zoster Virus. <i>Frontiers in Integrative Neuroscience</i> , 2017, 11, 27.	1.0	11
68	Relative normophagia and organ growth in growth-retarded weanling rats with dorsomedial hypothalamic lesions. <i>Journal of Neuroscience Research</i> , 1979, 4, 197-203.	1.3	10
69	Somatic and metabolic responses of mature female rats with dietary obesity to dorsomedial hypothalamic lesions: Effects of diet palatability. <i>Physiology and Behavior</i> , 1980, 25, 911-919.	1.0	10
70	Intracerebroventricular infusions of rat satietin into rats does not produce conditioned taste aversion. <i>Physiology and Behavior</i> , 1987, 41, 511-514.	1.0	10
71	Growth hormone secretion and ultradian rhythms in growth-retarded rats with dorsomedial hypothalamic lesions. <i>Physiology and Behavior</i> , 1989, 46, 279-283.	1.0	10
72	Potential Application of Optogenetic Stimulation in the Treatment of Pain and Migraine Headache: A Perspective from Animal Studies. <i>Brain Sciences</i> , 2019, 9, 26.	1.1	10

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73	The effects of semi- and HPLC-purified human satietin and alpha-1-glycoprotein on ingestion and body weight. <i>Brain Research Bulletin</i> , 1990, 25, 941-947.	1.4	9
74	Meal patterns and plasma liver enzymes and metabolites after total liver denervations. <i>Physiology and Behavior</i> , 1995, 58, 625-628.	1.0	9
75	Effect of dorsomedial hypothalamic nuclei knife cuts on ingestive behavior. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R1772-R1779.	0.9	9
76	Effect of diet consistency, taste and calories on food intake of weanling rats with dorsomedial hypothalamic lesions. <i>Physiology and Behavior</i> , 1977, 19, 191-195.	1.0	8
77	Further Nutritional Characterization of Dorsomedial Hypothalamic Hypophagia in Rats: Diet Consistency, Finickiness, Self-Selection of Diets, Starvation and Realimentation and "Stress Eating". <i>Journal of Nutrition</i> , 1981, 111, 721-732.	1.3	8
78	Nutritional Studies in the Weanling Rat with Normophagic Hypothalamic Obesity. <i>Journal of Nutrition</i> , 1982, 112, 1441-1455.	1.3	8
79	Metabolic-endocrine correlates of the lateral hypothalamic syndrome: The first 48 hours. <i>Pharmacology Biochemistry and Behavior</i> , 1990, 37, 393-398.	1.3	8
80	Attenuation of myogenic orofacial nociception and mechanical hypersensitivity by viral mediated enkephalin overproduction in male and female rats. <i>BMC Neurology</i> , 2015, 15, 34.	0.8	8
81	Ingestion, body weight and activity of rats receiving repeated intracerebroventricular infusions of rat satietin. <i>Physiology and Behavior</i> , 1988, 44, 445-452.	1.0	7
82	Autonomic efferents affect intake of imbalanced amino acid diets by rats. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 81, 24-31.	1.3	7
83	Knockdown of Fcγ ₃ receptor III in an arthritic temporomandibular joint reduces the nociceptive response in rats. <i>Arthritis and Rheumatism</i> , 2010, 62, 3109-3118.	6.7	7
84	Normal catch-up growth in rats severely food-restricted prior to lesions of the Dorsomedial hypothalamic nucleus: The first 48 hours. <i>Pharmacology Biochemistry and Behavior</i> , 1989, 32, 957-960.	1.3	6
85	HPLC-purified human satietin does not produce conditioned taste aversion in rats. <i>Pharmacology Biochemistry and Behavior</i> , 1991, 39, 161-165.	1.3	6
86	The weanling rat ventromedial syndrome: Males get just as fat as females. <i>Physiology and Behavior</i> , 1976, 17, 1001-1005.	1.0	5
87	Somatic, endocrine and metabolic changes in controls pair-fed for six weeks to rats with dorsomedial hypothalamic nucleus lesions (DMNL rats). <i>Physiology and Behavior</i> , 1990, 48, 789-794.	1.0	5
88	An inexpensive food cup for use in a commercially available food monitoring system. <i>Physiology and Behavior</i> , 2004, 83, 525-530.	1.0	5
89	Organismic Set-Point System in Dorsomedial Hypothalamic Nuclei. , 1984, , 269-287.		5
90	Effects of dorsomedial hypothalamic nuclei lesions on intake of an imbalanced amino acid diet. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 277, R250-R262.	0.9	4

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91	Tail-pinch-induced hyperphagia in weanling rats with dorsomedial hypothalamic lesions. <i>Journal of Neuroscience Research</i> , 1980, 5, 63-71.	1.3	3
92	Hypophagic rats with dorsomedial hypothalamic lesions produce lighter and smaller pups with a lower survival rate at weaning than offspring of sham-operated controls. <i>Physiology and Behavior</i> , 1993, 53, 59-64.	1.0	3
93	Selective blockade of the rat brain aqueduct with thermogelling hydrogel nanoparticle dispersion. <i>Physiology and Behavior</i> , 2008, 93, 546-552.	1.0	3
94	Meal Duration as a Measure of Orofacial Nociceptive Responses in Rodents. <i>Journal of Visualized Experiments</i> , 2014, , e50745.	0.2	3
95	Endocrine effects on glucose and insulin periodicity. <i>Behavioral and Brain Sciences</i> , 1981, 4, 576-576.	0.4	2
96	G i protein functions in thalamic neurons to decrease orofacial nociceptive response. <i>Brain Research</i> , 2018, 1694, 63-72.	1.1	2
97	The effect of portal infusions of epinephrine on ingestion, plasma glucose and insulin in dogs. <i>Physiology and Behavior</i> , 1990, 48, 479-483.	1.0	1
98	Erratum to "Cytotoxicity evaluation of methacrylate-based resins for clinical endodontics in vitro". <i>Journal of Oral Science</i> , 2012, 54, 363-363.	0.7	1
99	Cross-Linked Gelatin Microcapsules for Drug Delivery in a Arthritic TMJ. , 0, , .		1
100	Distance-based Permutation of Inter-Meal Differences as a Sensitive Test of Temporomandibular Joint Nociception in Rats. <i>Journal of Applied Biobehavioral Research</i> , 2017, 22, e12067.	2.0	1
101	Estrogenic effects on temporomandibular disorder and pain. <i>Journal of Applied Biobehavioral Research</i> , 2019, 24, e12164.	2.0	1
102	Effect of Pregnancy on TMJ Nociception in Rats. <i>Kouqiang Yixue Yanjiu</i> , 2018, 34, 332-338.	0.0	1
103	Somatic and Endocrine Consequences of Electrolytic Lesions in the Epi and Subthalamus of Weanling and Mature Rats. <i>Neurological Research</i> , 1979, 1, 179-185.	0.6	0
104	Removal of norepinephrine and/or epinephrine signaling in the perifornical hypothalamus attenuates nicotine's hypophagic action. <i>FASEB Journal</i> , 2006, 20, A831.	0.2	0
105	Nicotine acts through the perifornical hypothalamus. <i>FASEB Journal</i> , 2007, 21, A462.	0.2	0
106	Progesterone (P4) modulates cytokines expression in temporomandibular joint (TMJ). <i>FASEB Journal</i> , 2009, 23, 807.17.	0.2	0