

Sarah F Leibowitz

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

8,632
citations

50566

48
h-index

49824

91
g-index

116
all docs

116
docs citations

116
times ranked

5274
citing authors

#	ARTICLE	IF	CITATIONS
1	Fibroblast growth factor 2: Role in prenatal alcohol-induced stimulation of hypothalamic peptide neurons. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 116, 110536.	2.5	3
2	Sexually dimorphic and asymmetric effects of embryonic ethanol exposure on hypocretin/orexin neurons as related to behavioral changes in zebrafish. <i>Scientific Reports</i> , 2021, 11, 16078.	1.6	10
3	Predicting and Classifying Rats Prone to Overeating Fat. <i>NeuroMethods</i> , 2021, , 79-93.	0.2	0
4	Maternal ethanol consumption before paternal fertilization: Stimulation of hypocretin neurogenesis and ethanol intake in zebrafish offspring. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 96, 109728.	2.5	24
5	CCL2/CCR2 Chemokine System in Embryonic Hypothalamus: Involvement in Sexually Dimorphic Stimulatory Effects of Prenatal Ethanol Exposure on Peptide-Expressing Neurons. <i>Neuroscience</i> , 2020, 424, 155-171.	1.1	16
6	CCL2/CCR2 system in neuroepithelial radial glia progenitor cells: involvement in stimulatory, sexually dimorphic effects of maternal ethanol on embryonic development of hypothalamic peptide neurons. <i>Journal of Neuroinflammation</i> , 2020, 17, 207.	3.1	7
7	Involvement of Cxcl12a/Cxcr4b Chemokine System in Mediating the Stimulatory Effect of Embryonic Ethanol Exposure on Neuronal Density in Zebrafish Hypothalamus. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 2519-2535.	1.4	7
8	Moderate Prenatal Ethanol Exposure Stimulates CXCL12/CXCR4 Chemokine System in Radial Glia Progenitor Cells in Hypothalamic Neuroepithelium and Peptide Neurons in Lateral Hypothalamus of the Embryo and Postnatal Offspring. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 866-879.	1.4	15
9	Third Ventricular Injection of CCL2 in Rat Embryo Stimulates CCL2/CCR2 Neuroimmune System in Neuroepithelial Radial Glia Progenitor Cells: Relation to Sexually Dimorphic, Stimulatory Effects on Peptide Neurons in Lateral Hypothalamus. <i>Neuroscience</i> , 2020, 443, 188-205.	1.1	5
10	Role of melanin-concentrating hormone in drug use disorders. <i>Brain Research</i> , 2020, 1741, 146872.	1.1	13
11	Embryonic Ethanol Exposure Affects the Early Development, Migration, and Location of Hypocretin/Orexin Neurons in Zebrafish. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 1702-1713.	1.4	21
12	Neurotensin in the posterior thalamic paraventricular nucleus: inhibitor of pharmacologically relevant ethanol drinking. <i>Addiction Biology</i> , 2019, 24, 3-16.	1.4	29
13	Hypothalamic CCL2/CCR2 Chemokine System: Role in Sexually Dimorphic Effects of Maternal Ethanol Exposure on Melanin-Concentrating Hormone and Behavior in Adolescent Offspring. <i>Journal of Neuroscience</i> , 2018, 38, 9072-9090.	1.7	20
14	Substance P in the anterior thalamic paraventricular nucleus: promotion of ethanol drinking in response to orexin from the hypothalamus. <i>Addiction Biology</i> , 2017, 22, 58-69.	1.4	37
15	Involvement of the CXCL12 System in the Stimulatory Effects of Prenatal Exposure to High-Fat Diet on Hypothalamic Orexigenic Peptides and Behavior in Offspring. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 91.	1.0	12
16	Orexin/Hypocretin System: Role in Food and Drug Overconsumption. <i>International Review of Neurobiology</i> , 2017, 136, 199-237.	0.9	43
17	Relationship of the Chemokine, CXCL12, to Effects of Dietary Fat on Feeding-Related Behaviors and Hypothalamic Neuropeptide Systems. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 51.	1.0	25
18	Consumption of Substances of Abuse during Pregnancy Increases Consumption in Offspring: Possible Underlying Mechanisms. <i>Frontiers in Nutrition</i> , 2016, 3, 11.	1.6	8

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19	Hypothalamic neuropeptide signaling in alcohol addiction. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 65, 321-329.	2.5	44
20	Effects of embryonic ethanol exposure at low doses on neuronal development, voluntary ethanol consumption and related behaviors in larval and adult zebrafish: Role of hypothalamic orexigenic peptides. <i>Behavioural Brain Research</i> , 2016, 304, 125-138.	1.2	31
21	Regulation of the orexigenic neuropeptide, enkephalin, by $\text{PPAR}\alpha$ and fatty acids in neurons of the hypothalamus and forebrain. <i>Journal of Neurochemistry</i> , 2015, 135, 918-931.	2.1	11
22	Nicotine and ethanol co-use in Long-Evans rats: Stimulatory effects of perinatal exposure to a fat-rich diet. <i>Alcohol</i> , 2015, 49, 479-489.	0.8	9
23	Anterior thalamic paraventricular nucleus is involved in intermittent access ethanol drinking: role of orexin receptor 2. <i>Addiction Biology</i> , 2015, 20, 469-481.	1.4	107
24	Differential Role of D_1 and D_2 Receptors in the Perifornical Lateral Hypothalamus in Controlling Ethanol Drinking and Food Intake: Possible Interaction with Local Orexin Neurons. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 777-786.	1.4	22
25	Stimulatory role of the chemokine CCL2 in the migration and peptide expression of embryonic hypothalamic neurons. <i>Journal of Neurochemistry</i> , 2014, 131, 509-520.	2.1	19
26	Common effects of fat, ethanol, and nicotine on enkephalin in discrete areas of the brain. <i>Neuroscience</i> , 2014, 277, 665-678.	1.1	16
27	Hypothalamic peptides controlling alcohol intake: Differential effects on microstructure of drinking bouts. <i>Alcohol</i> , 2014, 48, 657-664.	0.8	12
28	Stimulation of nicotine reward and central cholinergic activity in Sprague-Dawley rats exposed perinatally to a fat-rich diet. <i>Psychopharmacology</i> , 2013, 230, 509-524.	1.5	23
29	Prenatal Exposure to Nicotine Stimulates Neurogenesis of Orexigenic Peptide-Expressing Neurons in Hypothalamus and Amygdala. <i>Journal of Neuroscience</i> , 2013, 33, 13600-13611.	1.7	41
30	Opioids in the perifornical lateral hypothalamus suppress ethanol drinking. <i>Alcohol</i> , 2013, 47, 31-38.	0.8	14
31	Glutamatergic Input to the Lateral Hypothalamus Stimulates Ethanol Intake: Role of Orexin and Melanin-Concentrating Hormone. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 123-131.	1.4	18
32	Neurochemical Heterogeneity of Rats Predicted by Different Measures to be High Ethanol Consumers. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, E141-51.	1.4	31
33	Complementary Roles of Orexin and Melanin-Concentrating Hormone in Feeding Behavior. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-10.	0.6	67
34	Prenatal Exposure to Dietary Fat Induces Changes in the Transcriptional Factors, TEF and YAP, Which May Stimulate Differentiation of Peptide Neurons in Rat Hypothalamus. <i>PLoS ONE</i> , 2013, 8, e77668.	1.1	14
35	Predicting and Classifying Rats Prone to Overeating Fat. <i>NeuroMethods</i> , 2013, , 83-96.	0.2	0
36	Developmental changes in embryonic hypothalamic neurons during prenatal fat exposure. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E432-E441.	1.8	26

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37	Neurobiology of Consummatory Behavior: Mechanisms Underlying Overeating and Drug Use. <i>ILAR Journal</i> , 2012, 53, 35-58.	1.8	30
38	Involvement of cholinergic mechanisms in the behavioral effects of dietary fat consumption. <i>Brain Research</i> , 2012, 1470, 24-34.	1.1	35
39	Disturbances in behavior and cortical enkephalin gene expression during the anticipation of ethanol in rats characterized as high drinkers. <i>Alcohol</i> , 2012, 46, 559-568.	0.8	15
40	Prenatal ethanol exposure stimulates neurogenesis in hypothalamic and limbic peptide systems: Possible mechanism for offspring ethanol overconsumption. <i>Neuroscience</i> , 2012, 222, 417-428.	1.1	47
41	Effects of perinatal exposure to palatable diets on body weight and sensitivity to drugs of abuse in rats. <i>Physiology and Behavior</i> , 2012, 107, 568-575.	1.0	61
42	A High-Fat Meal, or Intraperitoneal Administration of a Fat Emulsion, Increases Extracellular Dopamine in the Nucleus Accumbens. <i>Brain Sciences</i> , 2012, 2, 242-253.	1.1	36
43	Obituary for Bart Hoebel. <i>Psychopharmacology</i> , 2012, 220, 645-646.	1.5	0
44	Effect of dietary fatty acid composition on food intake, triglycerides, and hypothalamic peptides. <i>Regulatory Peptides</i> , 2012, 173, 13-20.	1.9	33
45	Introduction to special issue of <i>Physiology and Behavior</i> : A tribute to Bart Hoebel. <i>Physiology and Behavior</i> , 2011, 104, 1-3.	1.0	2
46	Similarities in hypothalamic and mesocorticolimbic circuits regulating the overconsumption of food and alcohol. <i>Physiology and Behavior</i> , 2011, 104, 128-137.	1.0	55
47	Regulation of Drug and Palatable Food Overconsumption by Similar Peptide Systems. <i>Current Drug Abuse Reviews</i> , 2011, 4, 163-173.	3.4	36
48	Increased orexin and melanin-concentrating hormone expression in the perifornical lateral hypothalamus of rats prone to overconsuming a fat-rich diet. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 96, 413-422.	1.3	30
49	Opioids in the hypothalamus control dopamine and acetylcholine levels in the nucleus accumbens. <i>Brain Research</i> , 2010, 1312, 1-9.	1.1	49
50	Predictors of ethanol consumption in adult Spragueâ€Dawley rats: relation to hypothalamic peptides that stimulate ethanol intake. <i>Alcohol</i> , 2010, 44, 323-334.	0.8	25
51	Galanin Knockout Mice Show Disturbances in Ethanol Consumption and Expression of Hypothalamic Peptides That Stimulate Ethanol Intake. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 72-80.	1.4	42
52	Opioids in the Hypothalamic Paraventricular Nucleus Stimulate Ethanol Intake. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 214-222.	1.4	66
53	Effect of Chronic Ethanol on Enkephalin in the Hypothalamus and Extraâ€Hypothalamic Areas. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 761-770.	1.4	40
54	Differential Effects of Acute and Chronic Ethanol Exposure on Orexin Expression in the Perifornical Lateral Hypothalamus. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 886-896.	1.4	68

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55	Increased enkephalin in brain of rats prone to overconsuming a fat-rich diet. <i>Physiology and Behavior</i> , 2010, 101, 360-369.	1.0	42
56	Reduced accumbens dopamine in Sprague-Dawley rats prone to overeating a fat-rich diet. <i>Physiology and Behavior</i> , 2010, 101, 394-400.	1.0	117
57	Galanin and Consummatory Behavior: Special Relationship with Dietary Fat, Alcohol and Circulating Lipids. <i>Exs</i> , 2010, 102, 87-111.	1.4	27
58	Positive relationship between dietary fat, ethanol intake, triglycerides, and hypothalamic peptides: counteraction by lipid-lowering drugs. <i>Alcohol</i> , 2009, 43, 433-441.	0.8	87
59	Increased intake of ethanol and dietary fat in galanin overexpressing mice. <i>Alcohol</i> , 2009, 43, 571-580.	0.8	59
60	Hypothalamic injection of non-opioid peptides increases gene expression of the opioid enkephalin in hypothalamic and mesolimbic nuclei: Possible mechanism underlying their behavioral effects. <i>Peptides</i> , 2009, 30, 2423-2431.	1.2	17
61	Opioids in the nucleus accumbens stimulate ethanol intake. <i>Physiology and Behavior</i> , 2009, 98, 453-459.	1.0	41
62	Maternal High-Fat Diet and Fetal Programming: Increased Proliferation of Hypothalamic Peptide-Producing Neurons That Increase Risk for Overeating and Obesity. <i>Journal of Neuroscience</i> , 2008, 28, 12107-12119.	1.7	349
63	Overconsumption of dietary fat and alcohol: Mechanisms involving lipids and hypothalamic peptides. <i>Physiology and Behavior</i> , 2007, 91, 513-521.	1.0	60
64	Effect of Ethanol on Hypothalamic Opioid Peptides, Enkephalin, and Dynorphin: Relationship With Circulating Triglycerides. <i>Alcoholism: Clinical and Experimental Research</i> , 2007, 31, 249-259.	1.4	73
65	Orexigenic Peptides and Alcohol Intake: Differential Effects of Orexin, Galanin, and Ghrelin. <i>Alcoholism: Clinical and Experimental Research</i> , 2007, 31, 1858-1865.	1.4	132
66	Hypothalamic huntingtin-associated protein 1 as a mediator of feeding behavior. <i>Nature Medicine</i> , 2006, 12, 526-533.	15.2	81
67	Hypothalamic Galanin and Ingestive Behavior: Relation to Dietary Fat, Alcohol, and Circulating Lipids. , 2006, , 895-901.		1
68	Function of neuropeptide Y and agouti-related protein at weaning: relation to corticosterone, dietary carbohydrate and body weight. <i>Brain Research</i> , 2005, 1036, 180-191.	1.1	15
69	Phenotypic profile of SWR/J and A/J mice compared to control strains: Possible mechanisms underlying resistance to obesity on a high-fat diet. <i>Brain Research</i> , 2005, 1047, 137-147.	1.1	44
70	Regulation and effects of hypothalamic galanin: relation to dietary fat, alcohol ingestion, circulating lipids and energy homeostasis. <i>Neuropeptides</i> , 2005, 39, 327-332.	0.9	97
71	Glucose injection reduces neuropeptide Y and agouti-related protein expression in the arcuate nucleus: A possible physiological role in eating behavior. <i>Molecular Brain Research</i> , 2005, 135, 69-80.	2.5	31
72	Galanin Microinjection in the Third Ventricle Increases Voluntary Ethanol Intake. <i>Alcoholism: Clinical and Experimental Research</i> , 2004, 28, 1822-1828.	1.4	62

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73	Acute high-fat diet paradigms link galanin to triglycerides and their transport and metabolism in muscle. <i>Brain Research</i> , 2004, 1008, 168-178.	1.1	78
74	A high-fat meal or injection of lipids stimulates ethanol intake. <i>Alcohol</i> , 2004, 34, 197-202.	0.8	43
75	Sugar-dependent rats show enhanced intake of unsweetened ethanol. <i>Alcohol</i> , 2004, 34, 203-209.	0.8	123
76	Circulating Triglycerides Impact on Orexigenic Peptides and Neuronal Activity in Hypothalamus. <i>Endocrinology</i> , 2004, 145, 3904-3912.	1.4	119
77	Hypothalamic control of energy balance: different peptides, different functions. <i>Peptides</i> , 2004, 25, 473-504.	1.2	215
78	Cocaine- and amphetamine-regulated transcript in the arcuate nucleus stimulates lipid metabolism to control body fat accrual on a high-fat diet. <i>Regulatory Peptides</i> , 2004, 117, 89-99.	1.9	48
79	Ethanol intake is increased by injection of galanin in the paraventricular nucleus and reduced by a galanin antagonist. <i>Alcohol</i> , 2004, 33, 91-97.	0.8	56
80	Ethanol intake increases galanin mRNA in the hypothalamus and withdrawal decreases it. <i>Physiology and Behavior</i> , 2003, 79, 103-111.	1.0	63
81	Orexin gene expression is increased during states of hypertriglyceridemia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003, 284, R1454-R1465.	0.9	101
82	Macronutrients and Brain Peptides. , 1999, , .		8
83	Differential Functions of Galanin Cell Groups in the Regulation of Eating and Body Weight a. <i>Annals of the New York Academy of Sciences</i> , 1998, 863, 206-220.	1.8	43
84	Neuropeptide Y in relation to carbohydrate intake, corticosterone and dietary obesity. <i>Brain Research</i> , 1998, 802, 75-88.	1.1	65
85	Hypothalamic galanin: control by signals of fat metabolism. <i>Brain Research</i> , 1998, 804, 7-20.	1.1	71
86	Hypothalamic serotonin in control of eating behavior, meal size, and body weight. <i>Biological Psychiatry</i> , 1998, 44, 851-864.	0.7	450
87	Behavioral and endocrine traits of obesity-prone and obesity-resistant rats on macronutrient diets. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998, 274, E1057-E1066.	1.8	24
88	Obesity on a High-Fat Diet: Role of Hypothalamic Galanin in Neurons of the Anterior Paraventricular Nucleus Projecting to the Median Eminence. <i>Journal of Neuroscience</i> , 1998, 18, 2709-2719.	1.7	134
89	Hypothalamic Galanin Gene Expression and Peptide Levels in Relation to Circulating Insulin: Possible Role in Energy Balance. <i>Neuroendocrinology</i> , 1997, 65, 265-275.	1.2	29
90	Brain Peptides and Obesity: Pharmacologic Treatment. <i>Obesity</i> , 1995, 3, 573S-589S.	4.0	99

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91	Hypothalamic neuropeptide Y, its gene expression and receptor activity: relation to circulating corticosterone in adrenalectomized rats. <i>Brain Research</i> , 1994, 665, 201-212.	1.1	84
92	Adrenal Steroid Receptors: Interactions with Brain Neuropeptide Systems in Relation to Nutrient Intake and Metabolism. <i>Journal of Neuroendocrinology</i> , 1994, 6, 479-501.	1.2	191
93	Hypothalamic galanin-like immunoreactivity and its gene expression in relation to circulating corticosterone. <i>Molecular Brain Research</i> , 1994, 25, 305-312.	2.5	26
94	Specific inhibition of endogenous neuropeptide Y synthesis in arcuate nucleus by antisense oligonucleotides suppresses feeding behavior and insulin secretion. <i>Molecular Brain Research</i> , 1994, 21, 55-61.	2.5	176
95	Hypothalamic Neuropeptide Y and Its Gene Expression: Relation to Light/Dark Cycle and Circulating Corticosterone. <i>Molecular and Cellular Neurosciences</i> , 1994, 5, 210-218.	1.0	89
96	Neuropeptide Y in the arcuate nucleus is modulated by alterations in glucose utilization. <i>Brain Research</i> , 1993, 621, 343-348.	1.1	85
97	Neuropeptide Y projection from arcuate nucleus to parvocellular division of paraventricular nucleus: specific relation to the ingestion of carbohydrate. <i>Brain Research</i> , 1993, 631, 97-106.	1.1	113
98	Blockade of natural and neuropeptide Y-induced carbohydrate feeding by a receptor antagonist PYX-2. <i>NeuroReport</i> , 1992, 3, 1023-1026.	0.6	47
99	Metabolic effects of galanin injections into the paraventricular nucleus of the hypothalamus. <i>Peptides</i> , 1992, 13, 323-327.	1.2	46
100	Impact of a galanin antagonist on exogenous galanin and natural patterns of fat ingestion. <i>Brain Research</i> , 1992, 599, 148-152.	1.1	126
101	Developmental patterns of macronutrient intake in female and male rats from weaning to maturity. <i>Physiology and Behavior</i> , 1991, 50, 1167-1174.	1.0	86
102	Self-selecting albino rats exhibit differential preferences for pure macronutrient diets: Characterization of three subpopulations. <i>Physiology and Behavior</i> , 1991, 50, 1187-1195.	1.0	90
103	Diurnal variations in the feeding responses to norepinephrine, neuropeptide Y and galanin in the PVN. <i>Brain Research Bulletin</i> , 1990, 25, 821-825.	1.4	119
104	Metabolic effects of neuropeptide Y injections into the paraventricular nucleus of the hypothalamus. <i>Brain Research</i> , 1990, 516, 8-14.	1.1	90
105	Suppression of neuropeptide Y-elicited eating by adrenalectomy or hypophysectomy: reversal with corticosterone. <i>Brain Research</i> , 1989, 501, 32-36.	1.1	100
106	Repeated hypothalamic stimulation with neuropeptide Y increases daily carbohydrate and fat intake and body weight gain in female rats. <i>Physiology and Behavior</i> , 1989, 46, 173-177.	1.0	138
107	Multiple brain sites sensitive to feeding stimulation by opioid agonists: A cannula-mapping study. <i>Pharmacology Biochemistry and Behavior</i> , 1988, 31, 825-832.	1.3	122
108	Neuropeptide Y, epinephrine and norepinephrine in the paraventricular nucleus: Stimulation of feeding and the release of corticosterone, vasopressin and glucose. <i>Brain Research Bulletin</i> , 1988, 21, 905-912.	1.4	206

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109	Effects of PVN galanin on macronutrient selection. <i>Peptides</i> , 1988, 9, 309-314.	1.2	246
110	Galanin: Stimulation of feeding induced by medial hypothalamic injection of this novel peptide. <i>European Journal of Pharmacology</i> , 1986, 122, 159-160.	1.7	259
111	Neuropeptide Y chronically injected into the hypothalamus: A powerful neurochemical inducer of hyperphagia and obesity. <i>Peptides</i> , 1986, 7, 1189-1192.	1.2	825
112	Neuropeptide Y: Stimulation of feeding and drinking by injection into the paraventricular nucleus. <i>Life Sciences</i> , 1984, 35, 2635-2642.	2.0	622
113	Endorphinergic and $\hat{1}\pm$ -noradrenergic systems in the paraventricular nucleus: Effects on eating behavior. <i>Peptides</i> , 1982, 3, 421-428.	1.2	172