Linda Rinaman

List of Publications by Year
in descending order

104 papers	5,725 citations	57719 44 h-index	82499 72 g-index
141 all docs	141 docs citations	141 times ranked	4833 citing authors

#	Article	IF	Citations
1	The role of nucleus of the solitary tract glucagonâ€like peptideâ€1 and prolactinâ€releasing peptide neurons in stress: anatomy, physiology and cellular interactions. British Journal of Pharmacology, 2022, 179, 642-658.	2.7	19
2	Sex and metabolic state interact to influence expression of passive avoidance memory in rats: Potential contribution of A2 noradrenergic neurons. Physiology and Behavior, 2021, 239, 113511.	1.0	5
3	Glucagon-like peptide 1 receptor-mediated stimulation of a GABAergic projection from the bed nucleus of the stria terminalis to the hypothalamic paraventricular nucleus. Neurobiology of Stress, 2021, 15, 100363.	1.9	5
4	Central and peripheral GLP-1 systems independently suppress eating. Nature Metabolism, 2021, 3, 258-273.	5.1	107
5	High Fat Diet Attenuates Cholecystokinin-Induced cFos Activation of Prolactin-Releasing Peptide-Expressing A2 Noradrenergic Neurons in the Caudal Nucleus of the Solitary Tract. Neuroscience, 2020, 447, 113-121.	1.1	8
6	Ghrelin signaling contributes to fasting-induced attenuation of hindbrain neural activation and hypophagic responses to systemic cholecystokinin in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R1014-R1023.	0.9	11
7	Organization and Postnatal Development of Visceral Sensory Inputs to the Neuroendocrine Hypothalamus. Masterclass in Neuroendocrinology, 2020, , 345-366.	0.1	1
8	Synaptic Inputs to the Mouse Dorsal Vagal Complex and Its Resident Preproglucagon Neurons. Journal of Neuroscience, 2019, 39, 9767-9781.	1.7	30
9	Chronic Suppression of Glucagon-Like Peptide-1 Receptor (GLP1R) mRNA Translation in the Rat Bed Nucleus of the Stria Terminalis Reduces Anxiety-Like Behavior and Stress-Induced Hypophagia, But Prolongs Stress-Induced Elevation of Plasma Corticosterone. Journal of Neuroscience, 2019, 39, 2649-2663.	1.7	29
10	Amphetamine-induced activation of neurons within the rat nucleus of the solitary tract. Physiology and Behavior, 2019, 204, 355-363.	1.0	6
11	Burst activation of dopamine neurons produces prolonged post-burst availability of actively released dopamine. Neuropsychopharmacology, 2018, 43, 2083-2092.	2.8	36
12	Vagal Interoceptive Modulation of Motivated Behavior. Physiology, 2018, 33, 151-167.	1.6	65
13	GLPâ€1 neurons form a local synaptic circuit within the rodent nucleus of the solitary tract. Journal of Comparative Neurology, 2018, 526, 2149-2164.	0.9	27
14	Characterization of the neuroinvasive profile of a pseudorabies virus recombinant expressing the mTurquoise2 reporter in single and multiple injection experiments. Journal of Neuroscience Methods, 2018, 308, 228-239.	1.3	9
15	New horizons for future research â€“ Critical issues to consider for maximizing research excellence and impact. Molecular Metabolism, 2018, 14, 53-59.	3.0	3
16	Interoceptive modulation of neuroendocrine, emotional, and hypophagic responses to stress. Physiology and Behavior, 2017, 176, 195-206.	1.0	44
17	Excitatory Hindbrainâ€“Forebrain Communication Is Required for Cisplatin-Induced Anorexia and Weight Loss. Journal of Neuroscience, 2017, 37, 362-370.	1.7	1
18	Stress & the gut-brain axis: Regulation by the microbiome. Neurobiology of Stress, 2017, 7, 124-136.	1.9	736

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19	Excitatory Hindbrainâ€“Forebrain Communication Is Required for Cisplatin-Induced Anorexia and Weight Loss. Journal of Neuroscience, 2017, 37, 362-370.	1.7	35
20	Psychogenic Stress Activates C-Fos in Nucleus Accumbens-Projecting Neurons of the Hippocampal Ventral Subiculum. International Journal of Neuropsychopharmacology, 2017, 20, 855-860.	1.0	10
21	Hindbrain glucagon-like peptide-1 neurons track intake volume and contribute to injection stress-induced hypophagia in meal-entrained rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R906-R916.	0.9	21
22	Maternal high-fat diet increases independent feeding in pre-weanling rat pups. Physiology and Behavior, 2016, 157, 237-245.	1.0	13
23	Nicotine Enhances Footshock- and Lithium Chloride-Conditioned Place Avoidance in Male Rats. Nicotine and Tobacco Research, 2016, 18, 1920-1923.	1.4	7
24	Simplified CLARITY for visualizing immunofluorescence labeling in the developing rat brain. Brain Structure and Function, 2016, 221, 2375-2383.	1.2	44
25	Negative Energy Balance Blocks Neural and Behavioral Responses to Acute Stress by "Silencing" Central Glucagon-Like Peptide 1 Signaling in Rats. Journal of Neuroscience, 2015, 35, 10701-10714.	1.7	73
26	Distribution of glucagon-like peptide 1-immunopositive neurons in human caudal medulla. Brain Structure and Function, 2015, 220, 1213-1219.	1.2	28
27	Glutamatergic phenotype of glucagon-like peptide 1 neurons in the caudal nucleus of the solitary tract in rats. Brain Structure and Function, 2015, 220, 3011-3022.	1.2	60
28	Stress exposure, food intake and emotional state. Stress, 2015, 18, 381-99.	0.8	128
29	Systemic leptin dose-dependently increases STAT3 phosphorylation within hypothalamic and hindbrain nuclei. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R576-R585.	0.9	27
30	Delineation of vagal emetic pathways: intragastric copper sulfate-induced emesis and viral tract tracing in musk shrews. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R341-R351.	0.9	27
31	Cocaine self-administration and extinction alter medullary noradrenergic and limbic forebrain cFos responses to acute, noncontingent cocaine injections in adult rats. Neuroscience, 2014, 281, 241-250.	1.1	8
32	Differential activation of chemically identified neurons in the caudal nucleus of the solitary tract in non-entrained rats after intake of satiating vs. non-satiating meals. Physiology and Behavior, 2014, 136, 47-54.	1.0	47
33	Organization of multisynaptic circuits within and between the medial and the central extended amygdala. Journal of Comparative Neurology, 2013, 521, 3406-3431.	0.9	14
34	Common and distinct neural inputs to the medial central nucleus of the amygdala and anterior ventrolateral bed nucleus of stria terminalis in rats. Brain Structure and Function, 2013, 218, 187-208.	1.2	64
35	Overnight food deprivation markedly attenuates hindbrain noradrenergic, glucagon-like peptide-1, and hypothalamic neural responses to exogenous cholecystokinin in male rats. Physiology and Behavior, 2013, 121, 35-42.	1.0	53
36	Yohimbine anxiogenesis in the elevated plus maze requires hindbrain noradrenergic neurons that target the anterior ventrolateral bed nucleus of the stria terminalis. European Journal of Neuroscience, 2013, 37, 1340-1349.	1.2	23

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37	Yohimbine anxiogenesis in the elevated plus maze is disrupted by bilaterally disconnecting the bed nucleus of the stria terminalis from the central nucleus of the amygdala. Neuroscience, 2012, 223, 200-208.	1.1	18
38	Satiation and Stress-Induced Hypophagia: Examining the Role of Hindbrain Neurons Expressing Prolactin-Releasing Peptide or Glucagon-Like Peptide 1. Frontiers in Neuroscience, 2012, 6, 199.	1.4	51
39	Early life experience shapes the functional organization of stress-responsive visceral circuits. Physiology and Behavior, 2011, 104, 632-640.	1.0	30
40	Central neural responses to restraint stress are altered in rats with an early life history of repeated brief maternal separation. Neuroscience, 2011, 192, 413-428.	1.1	21
41	Immune challenge activates neural inputs to the ventrolateral bed nucleus of the stria terminalis. Physiology and Behavior, 2011, 104, 257-265.	1.0	16
42	Hindbrain noradrenergic A2 neurons: diverse roles in autonomic, endocrine, cognitive, and behavioral functions. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R222-R235.	0.9	167
43	Transneuronal viral tracing of sensory pathways from the stomach to the brain in the musk shrew, a small animal model for vomiting research. FASEB Journal, 2011, 25, 1075.11.	0.2	0
44	Ascending projections from the caudal visceral nucleus of the solitary tract to brain regions involved in food intake and energy expenditure. Brain Research, 2010, 1350, 18-34.	1.1	234
45	Early experience alters limbic forebrain Fos responses to a stressful interoceptive stimulus in young adult rats. Physiology and Behavior, 2010, 100, 105-115.	1.0	16
46	Repeated brief postnatal maternal separation enhances hypothalamic gastric autonomic circuits in juvenile rats. Neuroscience, 2010, 165, 265-277.	1.1	27
47	Central Fos expression and conditioned flavor avoidance in rats following intragastric administration of bitter taste receptor ligands. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R528-R536.	0.9	45
48	Ondansetron blocks LiCl-induced conditioned place avoidance but not conditioned taste/flavor avoidance in rats. Physiology and Behavior, 2009, 98, 381-385.	1.0	12
49	A potential gastrointestinal link between enhanced postnatal maternal care and reduced anxiety-like behavior in adolescent rats.. Behavioral Neuroscience, 2009, 123, 1178-1184.	0.6	13
50	Development of Central Visceral Circuits. , 2009, , .		2
51	Noradrenergic inputs to the paraventricular hypothalamus contribute to hypothalamicâ€“pituitaryâ€“adrenal axis and central Fos activation in rats after acute systemic endotoxin exposure. Neuroscience, 2008, 156, 1093-1102.	1.1	65
52	M1659 Agonists of Bitter Taste Receptors Activate the Gut-Brain Axis and Influence Food Intake and Gastrointestinal Function in Mice. Gastroenterology, 2008, 134, A-392.	0.6	0
53	Gastrointestinal (GI) infusion of bitter tastants supports conditioned flavor avoidance (CFA) and activates central neural Fos expression. FASEB Journal, 2008, 22, 1185.5.	0.2	0
54	Oxytocin gene deletion mice overconsume palatable sucrose solution but not palatable lipid emulsions. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R1063-R1068.	0.9	76

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55	Progressive postnatal increases in Fos immunoreactivity in the forebrain and brain stem of rats after viscerosensory stimulation with lithium chloride. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R1212-R1223.	0.9	13
56	Oxytocin knockout mice demonstrate enhanced intake of sweet and nonsweet carbohydrate solutions. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R1828-R1833.	0.9	106
57	Experimental dissociation of neural circuits underlying conditioned avoidance and hypophagic responses to lithium chloride. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R1495-R1503.	0.9	49
58	Noradrenergic axon terminals contact gastric preautonomic neurons in the paraventricular nucleus of the hypothalamus in rats. Journal of Comparative Neurology, 2007, 501, 608-618.	0.9	19
59	Visceral sensory inputs to the endocrine hypothalamus. Frontiers in Neuroendocrinology, 2007, 28, 50-60.	2.5	80
60	Noradrenergic pathways contribute to hypothalamic activation in rats after LPS. FASEB Journal, 2007, 21, .	0.2	1
61	Characterization of Autonomic Emotional Motor Circuits in Young Rats. FASEB Journal, 2007, 21, A475.	0.2	0
62	Early life experience alters the functional assembly of viscerosensory neural circuits in the brainstem and forebrain of the rat. FASEB Journal, 2007, 21, A462.	0.2	0
63	Ontogeny of hypothalamic-hindbrain feeding control circuits. Developmental Psychobiology, 2006, 48, 389-396.	0.9	24
64	Noradrenergic Inputs to the Bed Nucleus of the Stria Terminalis and Paraventricular Nucleus of the Hypothalamus Underlie Hypothalamic-Pituitary-Adrenal Axis But Not Hypophagic or Conditioned Avoidance Responses to Systemic Yohimbine. Journal of Neuroscience, 2006, 26, 11442-11453.	1.7	66
65	The anxiogenic drug yohimbine activates central viscerosensory circuits in rats. Journal of Comparative Neurology, 2005, 492, 426-441.	0.9	38
66	Dehydration anorexia is attenuated in oxytocin-deficient mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R1791-R1799.	0.9	42
67	Trimethylthiazoline supports conditioned flavor avoidance and activates viscerosensory, hypothalamic, and limbic circuits in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R1716-R1726.	0.9	30
68	Enhanced initial and sustained intake of sucrose solution in mice with an oxytocin gene deletion. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R1798-R1806.	0.9	99
69	Early Experience Modifies the Postnatal Assembly of Autonomic Emotional Motor Circuits in Rats. Journal of Neuroscience, 2005, 25, 9102-9111.	1.7	89
70	The Role of Central Glucagon-Like Peptide-1 in Mediating the Effects of Visceral Illness: Differential Effects in Rats and Mice. Endocrinology, 2005, 146, 458-462.	1.4	83
71	Postnatal Development of Central Feeding Circuits. , 2004, , 159-194.		9
72	Anterograde Transneuronal Viral Tracing of Central Viscerosensory Pathways in Rats. Journal of Neuroscience, 2004, 24, 2782-2786.	1.7	101

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73	Hindbrain contributions to anorexia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 287, R1035-R1036.	0.9	8
74	Enhanced corticosterone concentrations and attenuated Fos expression in the medial amygdala of female oxytocin knockout mice exposed to psychogenic stress. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 287, R1494-R1504.	0.9	56
75	Postnatal development of hypothalamic inputs to the dorsal vagal complex in rats. Physiology and Behavior, 2003, 79, 65-70.	1.0	51
76	Ectopic sympathetic preganglionic neurons maintain proper connectivity in the reeler mutant mouse. Neuroscience, 2003, 118, 439-450.	1.1	13
77	Cholecystokinin and D-fenfluramine inhibit food intake in oxytocin-deficient mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 285, R1037-R1045.	0.9	39
78	Hindbrain Noradrenergic Lesions Attenuate Anorexia and Alter Central cFos Expression in Rats after Gastric Viscerosensory Stimulation. Journal of Neuroscience, 2003, 23, 10084-10092.	1.7	142
79	GLP-1 receptor signaling contributes to anorexigenic effect of centrally administered oxytocin in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 283, R99-R106.	0.9	85
80	Viscerosensory activation of noradrenergic inputs to the amygdala in rats. Physiology and Behavior, 2002, 77, 723-729.	1.0	34
81	Identification of lingual motor control circuits using two strains of pseudorabies virus. Neuroscience, 2002, 115, 1139-1151.	1.1	56
82	Postnatal development of catecholamine inputs to the paraventricular nucleus of the hypothalamus in rats. Journal of Comparative Neurology, 2001, 438, 411-422.	0.9	75
83	Characterization of the central nervous system innervation of the rat spleen using viral transneuronal tracing. Journal of Comparative Neurology, 2001, 439, 1-18.	0.9	203
84	Progressive Postnatal Assembly of Limbicâ€“Autonomic Circuits Revealed by Central Transneuronal Transport of Pseudorabies Virus. Journal of Neuroscience, 2000, 20, 2731-2741.	1.7	99
85	Connections of Barringtonâ€™s nucleus to the sympathetic nervous system in rats. Journal of the Autonomic Nervous System, 2000, 79, 117-128.	1.9	63
86	Antagonism of central glucagon-like peptide-1 receptors enhances lipopolysaccharide-induced fever. Autonomic Neuroscience: Basic and Clinical, 2000, 85, 98-101.	1.4	21
87	Lesions of the C1 catecholaminergic neurons of the ventrolateral medulla in rats using anti-DÎ²H-saporin. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 277, R1063-R1075.	0.9	50
88	Interoceptive stress activates glucagon-like peptide-1 neurons that project to the hypothalamus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 277, R582-R590.	0.9	150
89	A functional role for central glucagon-like peptide-1 receptors in lithium chloride-induced anorexia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 277, R1537-R1540.	0.9	72
90	Retrograde transynaptic pseudorabies virus infection of central autonomic circuits in neonatal rats. Developmental Brain Research, 1999, 114, 207-216.	2.1	39

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91	Distribution of glucose transporter isoform-3 and hexokinase I in the postnatal murine brain1This work was presented in an abstract form at the Pediatric Academic Societies 1998, held in New Orleans, LA.1. Brain Research, 1999, 846, 260-264.	1.1	21
92	Oxytocinergic inputs to the nucleus of the solitary tract and dorsal motor nucleus of the vagus in neonatal rats. Journal of Comparative Neurology, 1998, 399, 101-109.	0.9	123
93	The postnatal emergence of dehydration anorexia in rats is temporally associated with the emergence of dehydration-induced inhibition of gastric emptying. Physiology and Behavior, 1998, 64, 683-687.	1.0	19
94	Central c-Fos expression in neonatal and adult rats after subcutaneous injection of hypertonic saline. Neuroscience, 1997, 79, 1165-1175.	1.1	83
95	Cholecystokinin induces Fos expression in catecholaminergic neurons of the macaque monkey caudal medulla. Brain Research, 1997, 770, 37-44.	1.1	20
96	Cholecystokinin activates catecholaminergic neurons in the caudal medulla that innervate the paraventricular nucleus of the hypothalamus in rats. Journal of Comparative Neurology, 1995, 360, 246-256.	0.9	152
97	Exogenous cholecystokinin activates cFos expression in medullary but not hypothalamic neurons in neonatal rats. Developmental Brain Research, 1994, 77, 140-145.	2.1	53
98	Establishment of vagal sensorimotor circuits during fetal development in rats. Journal of Neurobiology, 1993, 24, 641-659.	3.7	77
99	Distribution and neurochemical phenotypes of caudal medullary neurons activated to express cFos following peripheral administration of cholecystokinin. Journal of Comparative Neurology, 1993, 338, 475-490.	0.9	157
100	Persistence of fluoro-gold following degeneration of labeled motoneurons is due to phagocytosis by microglia and macrophages. Neuroscience, 1991, 44, 765-776.	1.1	76
101	Access to gastric tissue promotes the survival of axotomized neurons in the dorsal motor nucleus of the vagus in neonatal rats. Journal of Comparative Neurology, 1991, 313, 213-226.	0.9	6
102	Thyrotropin-releasing hormone-immunoreactive nerve terminals synapse on the dendrites of gastric vagal motoneurons in the rat. Journal of Comparative Neurology, 1990, 294, 235-251.	0.9	72
103	Ultrastructural localization of thyrotropin-releasing hormone immunoreactivity in the dorsal vagal complex in rat. Neuroscience Letters, 1989, 104, 7-12.	1.0	57
104	The organization of vagal innervation of rat pancreas using cholera toxinâ€"horseradish peroxidase conjugate. Journal of the Autonomic Nervous System, 1987, 21, 109-125.	1.9	76