

# Toshihiko Yada

## List of Publications by Year in descending order

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148  
papers

7,850  
citations

50170

46  
h-index

58464

82  
g-index

149  
all docs

149  
docs citations

149  
times ranked

7064  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ghrelin Is Present in Pancreatic $\delta$ -Cells of Humans and Rats and Stimulates Insulin Secretion. <i>Diabetes</i> , 2002, 51, 124-129.	0.3	513
2	Orexin-induced hyperlocomotion and stereotypy are mediated by the dopaminergic system11Published on the World Wide Web on 27 June 2000.. <i>Brain Research</i> , 2000, 873, 181-187.	1.1	338
3	Ghrelin Directly Interacts With Neuropeptide-Y-Containing Neurons in the Rat Arcuate Nucleus: $Ca^{2+}$ Signaling via Protein Kinase A and N-Type Channel-Dependent Mechanisms and Cross-Talk With Leptin and Orexin. <i>Diabetes</i> , 2003, 52, 948-956.	0.3	337
4	Endogenous Ghrelin in Pancreatic Islets Restricts Insulin Release by Attenuating $Ca^{2+}$ Signaling in $\delta$ -Cells: Implication in the Glycemic Control in Rodents. <i>Diabetes</i> , 2004, 53, 3142-3151.	0.3	323
5	Nesfatin-1-Regulated Oxytocinergic Signaling in the Paraventricular Nucleus Causes Anorexia through a Leptin-Independent Melanocortin Pathway. <i>Cell Metabolism</i> , 2009, 10, 355-365.	7.2	283
6	Nesfatin-1 Neurons in Paraventricular and Supraoptic Nuclei of the Rat Hypothalamus Coexpress Oxytocin and Vasopressin and Are Activated by Refeeding. <i>Endocrinology</i> , 2008, 149, 1295-1301.	1.4	226
7	Orexins (hypocretins) directly interact with neuropeptide Y, POMC and glucose-responsive neurons to regulate $Ca^{2+}$ signaling in a reciprocal manner to leptin: orexigenic neuronal pathways in the mediobasal hypothalamus. <i>European Journal of Neuroscience</i> , 2004, 19, 1524-1534.	1.2	220
8	Blockade of Pancreatic Islet-Derived Ghrelin Enhances Insulin Secretion to Prevent High-Fat Diet-Induced Glucose Intolerance. <i>Diabetes</i> , 2006, 55, 3486-3493.	0.3	220
9	Glucose-sensitive neurons in the rat arcuate nucleus contain neuropeptide Y. <i>Neuroscience Letters</i> , 1999, 264, 113-116.	1.0	187
10	Peripheral oxytocin treatment ameliorates obesity by reducing food intake and visceral fat mass. <i>Aging</i> , 2011, 3, 1169-1177.	1.4	185
11	Ghrelin Uses $G_{i2}$ and Activates Voltage-Dependent $K^+$ Channels to Attenuate Glucose-Induced $Ca^{2+}$ Signaling and Insulin Release in Islet $\beta$ -Cells. <i>Diabetes</i> , 2007, 56, 2319-2327.	0.3	153
12	Ghrelin is a physiological regulator of insulin release in pancreatic islets and glucose homeostasis. , 2008, 118, 239-249.		146
13	The liver's "brain-gut neural arc maintains the Treg cell niche in the gut. <i>Nature</i> , 2020, 585, 591-596.	13.7	126
14	Orexin-a activates phospholipase C- and protein kinase C-mediated $Ca^{2+}$ signaling in dopamine neurons of the ventral tegmental area. <i>NeuroReport</i> , 2001, 12, 1885-1889.	0.6	124
15	Nesfatin-1 enhances glucose-induced insulin secretion by promoting $Ca^{2+}$ influx through L-type channels in mouse islet $\beta$ -cells. <i>Endocrine Journal</i> , 2011, 58, 305-313.	0.7	122
16	Short-chain fatty acids suppress food intake by activating vagal afferent neurons. <i>Journal of Nutritional Biochemistry</i> , 2018, 57, 130-135.	1.9	119
17	Peripheral oxytocin activates vagal afferent neurons to suppress feeding in normal and leptin-resistant mice: a route for ameliorating hyperphagia and obesity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R360-R369.	0.9	118
18	Ghrelin raises $[Ca^{2+}]_i$ via AMPK in hypothalamic arcuate nucleus NPY neurons. <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 388-392.	1.0	112

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19	Leptin Suppresses Ghrelin-Induced Activation of Neuropeptide Y Neurons in the Arcuate Nucleus via Phosphatidylinositol 3-Kinase- and Phosphodiesterase 3-Mediated Pathway. <i>Endocrinology</i> , 2007, 148, 2251-2263.	1.4	111
20	GLP-1 release and vagal afferent activation mediate the beneficial metabolic and chronotherapeutic effects of D-allulose. <i>Nature Communications</i> , 2018, 9, 113.	5.8	111
21	Stressor-responsive central nesfatin-1 activates corticotropin-releasing hormone, noradrenaline and serotonin neurons and evokes hypothalamic-pituitary-adrenal axis. <i>Aging</i> , 2010, 2, 775-784.	1.4	109
22	Cannabinoids inhibit insulin secretion and cytosolic Ca <sup>2+</sup> oscillation in islet $\beta$ -cells via CB1 receptors. <i>Regulatory Peptides</i> , 2008, 145, 49-53.	1.9	105
23	Glucagon-like peptide-1 evokes action potentials and increases cytosolic Ca <sup>2+</sup> in rat nodose ganglion neurons. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2002, 102, 39-44.	1.4	87
24	Pituitary adenylate cyclase-activating polypeptide (PACAP) is an islet substance serving as an intra-islet amplifier Of glucose-induced insulin secretion in rats. <i>Journal of Physiology</i> , 1997, 505, 319-328.	1.3	86
25	Endogenous GLP-1 acts on paraventricular nucleus to suppress feeding: Projection from nucleus tractus solitarius and activation of corticotropin-releasing hormone, nesfatin-1 and oxytocin neurons. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 276-281.	1.0	83
26	Neural effects of gut- and brain-derived glucagon-like peptide-1 and its receptor agonist. <i>Journal of Diabetes Investigation</i> , 2016, 7, 64-69.	1.1	82
27	Ghrelin Regulates Insulin Release and Glycemia: Physiological Role and Therapeutic Potential. <i>Current Diabetes Reviews</i> , 2008, 4, 18-23.	0.6	79
28	Oxytocinergic circuit from paraventricular and supraoptic nuclei to arcuate POMC neurons in hypothalamus. <i>FEBS Letters</i> , 2014, 588, 4404-4412.	1.3	78
29	Endogenous prolactin-releasing peptide regulates food intake in rodents. <i>Journal of Clinical Investigation</i> , 2008, 118, 4014-4024.	3.9	77
30	Arcuate NPY neurons sense and integrate peripheral metabolic signals to control feeding. <i>Neuropeptides</i> , 2012, 46, 315-319.	0.9	76
31	Nesfatin-1 evokes Ca <sup>2+</sup> signaling in isolated vagal afferent neurons via Ca <sup>2+</sup> influx through N-type channels. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 958-962.	1.0	73
32	Involvement of thermosensitive TRP channels in energy metabolism. <i>Journal of Physiological Sciences</i> , 2017, 67, 549-560.	0.9	69
33	Nasal Oxytocin Administration Reduces Food Intake without Affecting Locomotor Activity and Glycemia with c-Fos Induction in Limited Brain Areas. <i>Neuroendocrinology</i> , 2015, 101, 35-44.	1.2	66
34	Lowering glucose concentrations increases cytosolic Ca <sup>2+</sup> in orexin neurons of the rat lateral hypothalamus. <i>Neuroscience Letters</i> , 2001, 309, 165-168.	1.0	65
35	Resistin induces insulin resistance in pancreatic islets to impair glucose-induced insulin release. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 1046-1051.	1.0	65
36	The effect of leptin on feeding-regulating neurons in the rat hypothalamus. <i>Neuroscience Letters</i> , 1999, 264, 117-120.	1.0	61

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37	PACAP deficient mice display reduced carbohydrate intake and PACAP activates NPY-containing neurons in the rat hypothalamic arcuate nucleus. <i>Neuroscience Letters</i> , 2004, 370, 252-256.	1.0	61
38	PKD-1/FoxO1 pathway in POMC neurons regulates <i>Pomc</i> expression and food intake. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 298, E787-E798.	1.8	59
39	Potential of Glucose-stimulated Insulin Secretion by the GPR40-PLC-TRPC Pathway in Pancreatic $\beta$ -Cells. <i>Scientific Reports</i> , 2016, 6, 25912.	1.6	58
40	Pituitary adenylate cyclase activating polypeptide (PACAP) increases cytosolic-free calcium concentration in folliculo-stellate cells and somatotropes of rat pituitary. <i>Peptides</i> , 1993, 14, 235-239.	1.2	57
41	Activation of orexin neurones after noxious but not conditioned fear stimuli in rats. <i>NeuroReport</i> , 2002, 13, 1351-1353.	0.6	57
42	Ghrelin Attenuates cAMP-PKA Signaling to Evoke Insulinostatic Cascade in Islet $\beta$ -Cells. <i>Diabetes</i> , 2011, 60, 2315-2324.	0.3	56
43	Involvement of cAMP/EPAC/TRPM2 Activation in Glucose- and Incretin-Induced Insulin Secretion. <i>Diabetes</i> , 2014, 63, 3394-3403.	0.3	55
44	Glucose level determines excitatory or inhibitory effects of adiponectin on arcuate POMC neuron activity and feeding. <i>Scientific Reports</i> , 2016, 6, 30796.	1.6	52
45	Neuropeptide oxytocin enhances $\mu$ opioid receptor signaling as a positive allosteric modulator. <i>Journal of Pharmacological Sciences</i> , 2018, 137, 67-75.	1.1	52
46	Activation of AMPK-Regulated CRH Neurons in the PVH is Sufficient and Necessary to Induce Dietary Preference for Carbohydrate over Fat. <i>Cell Reports</i> , 2018, 22, 706-721.	2.9	50
47	The $\beta$ -cell GHSR and downstream cAMP/TRPM2 signaling account for insulinostatic and glycemic effects of ghrelin. <i>Scientific Reports</i> , 2015, 5, 14041.	1.6	48
48	Markedly Reduced White Adipose Tissue and Increased Insulin Sensitivity in <i>Adcyap1</i> -Deficient Mice. <i>Journal of Pharmacological Sciences</i> , 2008, 107, 41-48.	1.1	47
49	Calcium channel and calcium pump involved in oscillatory hyperpolarizing responses of L $\alpha$ -strain mouse fibroblasts. <i>Journal of Physiology</i> , 1982, 327, 449-461.	1.3	46
50	PACAP in the Glucose and Energy Homeostasis: Physiological Role and Therapeutic Potential. <i>Current Pharmaceutical Design</i> , 2007, 13, 1105-1112.	0.9	46
51	Sweet Taste Receptor Serves to Activate Glucose- and Leptin-Responsive Neurons in the Hypothalamic Arcuate Nucleus and Participates in Glucose Responsiveness. <i>Frontiers in Neuroscience</i> , 2016, 10, 502.	1.4	45
52	AMP-activated protein kinase activates neuropeptide Y neurons in the hypothalamic arcuate nucleus to increase food intake in rats. <i>Neuroscience Letters</i> , 2011, 499, 194-198.	1.0	44
53	Protein arginine methylation regulates insulin signaling in L6 skeletal muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 1015-1021.	1.0	42
54	Electrical activity of an intestinal epithelial cell line: Hyperpolarizing responses to intestinal secretagogues. <i>Journal of Membrane Biology</i> , 1984, 77, 33-44.	1.0	41

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55	New insight into GABAergic neurons in the hypothalamic feeding regulation. <i>Journal of Physiological Sciences</i> , 2018, 68, 717-722.	0.9	41
56	Galanin-Like Peptide Stimulates Food Intake via Activation of Neuropeptide Y Neurons in the Hypothalamic Dorsomedial Nucleus of the Rat. <i>Endocrinology</i> , 2006, 147, 1744-1752.	1.4	39
57	Paraventricular NUCB2/Nesfatin-1 Supports Oxytocin and Vasopressin Neurons to Control Feeding Behavior and Fluid Balance in Male Mice. <i>Endocrinology</i> , 2016, 157, 2322-2332.	1.4	37
58	Exogenous and endogenous ghrelin counteracts GLP-1 action to stimulate cAMP signaling and insulin secretion in islet $\beta$ -cells. <i>FEBS Letters</i> , 2012, 586, 2555-2562.	1.3	35
59	Insulinotropin PACAP potentiates insulin-stimulated glucose uptake in 3T3 L1 cells. <i>Peptides</i> , 1999, 20, 943-948.	1.2	33
60	Fibroblast growth factor 21, assisted by elevated glucose, activates paraventricular nucleus NUCB2/Nesfatin-1 neurons to produce satiety under fed states. <i>Scientific Reports</i> , 2017, 7, 45819.	1.6	33
61	Paraventricular NUCB2/nesfatin-1 is directly targeted by leptin and mediates its anorexigenic effect. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 913-918.	1.0	32
62	Nitric Oxide Induces Apoptosis via $Ca^{2+}$ -Dependent Processes in the Pancreatic $\beta$ -Cell Line MIN6. <i>Cell Structure and Function</i> , 1999, 24, 451-455.	0.5	31
63	Identification of N-arachidonylglycine, U18666A, and 4-androstene-3,17-dione as novel insulin secretagogues. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 778-786.	1.0	31
64	Arcuate $Na^{+}/K^{+}$ -ATPase senses systemic energy states and regulates feeding behavior through glucose-inhibited neurons. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E320-E333.	1.8	31
65	Optogenetic activation of leptin- and glucose-regulated GABAergic neurons in dorsomedial hypothalamus promotes food intake via inhibitory synaptic transmission to paraventricular nucleus of hypothalamus. <i>Molecular Metabolism</i> , 2016, 5, 709-715.	3.0	31
66	Ninjin-yoeito activates ghrelin-responsive and unresponsive NPY neurons in the arcuate nucleus and counteracts cisplatin-induced anorexia. <i>Neuropeptides</i> , 2019, 75, 58-64.	0.9	31
67	Insulin suppresses ghrelin-induced calcium signaling in neuropeptide Y neurons of the hypothalamic arcuate nucleus. <i>Aging</i> , 2011, 3, 1092-1097.	1.4	31
68	$Ca^{2+}$ -reducing action of cAMP in rat pancreatic $\beta$ -cells: involvement of thapsigargin-sensitive stores. <i>American Journal of Physiology - Cell Physiology</i> , 1998, 274, C513-C521.	2.1	30
69	PDK1-Foxo1 in Agouti-Related Peptide Neurons Regulates Energy Homeostasis by Modulating Food Intake and Energy Expenditure. <i>PLoS ONE</i> , 2011, 6, e18324.	1.1	30
70	Insulin Activates Vagal Afferent Neurons Including those Innervating Pancreas via Insulin Cascade and $Ca^{2+}$ Influx: Its Dysfunction in IRS2-KO Mice with Hyperphagic Obesity. <i>PLoS ONE</i> , 2013, 8, e67198.	1.1	30
71	Glucose and insulin induce $Ca^{2+}$ signaling in nesfatin-1 neurons in the hypothalamic paraventricular nucleus. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 811-815.	1.0	29
72	Endogenous $\beta$ -Adrenoceptor-Operated Sympathoadrenergic Tones Attenuate Insulin Secretion via cAMP/TRPM2 Signaling. <i>Diabetes</i> , 2017, 66, 699-709.	0.3	29

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73	Vagal afferents sense meal-associated gastrointestinal and pancreatic hormones: Mechanism and physiological role. <i>Neuropeptides</i> , 2012, 46, 291-297.	0.9	28
74	Paraventricular NUCB2/nesfatin-1 rises in synchrony with feeding suppression during early light phase in rats. <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 434-438.	1.0	28
75	Intra-Islet PACAP Protects Pancreatic $\beta$ -Cells Against Glucotoxicity and Lipotoxicity. <i>Journal of Molecular Neuroscience</i> , 2010, 42, 404-410.	1.1	26
76	Pancreatic polypeptide and peptide YY <sup>36</sup> induce Ca <sup>2+</sup> signaling in nodose ganglion neurons. <i>Neuropeptides</i> , 2013, 47, 19-23.	0.9	26
77	Central Glucagon-like Peptide-1 Receptor Signaling via Brainstem Catecholamine Neurons Counteracts Hypertension in Spontaneously Hypertensive Rats. <i>Scientific Reports</i> , 2019, 9, 12986.	1.6	25
78	Immunoproteasome subunit LMP7 Deficiency Improves Obesity and Metabolic Disorders. <i>Scientific Reports</i> , 2015, 5, 15883.	1.6	24
79	Diverse Effects of Hydrogen Peroxide on Cytosolic Ca <sup>2+</sup> Homeostasis in Rat Pancreatic $\beta$ -cells. <i>Cell Structure and Function</i> , 2000, 25, 187-193.	0.5	24
80	Inhibition of Y1 receptor signaling improves islet transplant outcome. <i>Nature Communications</i> , 2017, 8, 490.	5.8	23
81	Suprachiasmatic vasopressin to paraventricular oxytocin neurocircuit in the hypothalamus relays light reception to inhibit feeding behavior. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E478-E488.	1.8	23
82	Methamphetamine induces cytosolic Ca <sup>2+</sup> oscillations in the VTA dopamine neurons. <i>NeuroReport</i> , 2000, 11, 1057-1061.	0.6	22
83	Cytosolic Ca <sup>2+</sup> responses to sub-picomolar and nanomolar PACAP in pancreatic $\beta$ -cells are mediated by VPAC2 and PAC1 receptors. <i>Regulatory Peptides</i> , 2004, 123, 147-153.	1.9	20
84	Galanin-like peptide and ghrelin increase cytosolic Ca <sup>2+</sup> in neurons containing growth hormone-releasing hormone in the arcuate nucleus. <i>Regulatory Peptides</i> , 2005, 126, 85-89.	1.9	20
85	Glucagon-like peptide-1 and insulin synergistically activate vagal afferent neurons. <i>Neuropeptides</i> , 2017, 65, 77-82.	0.9	20
86	Relay of peripheral oxytocin to central oxytocin neurons via vagal afferents for regulating feeding. <i>Biochemical and Biophysical Research Communications</i> , 2019, 519, 553-558.	1.0	20
87	Postoperative Weight Loss Does Not Resolve After Esophagectomy Despite Normal Serum Ghrelin Levels. <i>Annals of Thoracic Surgery</i> , 2011, 91, 1032-1037.	0.7	19
88	Chronic exposure to cigarette smoke causes extrapulmonary abnormalities in rats. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 864-870.	2.0	19
89	Complexity of Stomach-Brain Interaction Induced by Molecular Hydrogen in Parkinson's Disease Model Mice. <i>Neurochemical Research</i> , 2017, 42, 2658-2665.	1.6	19
90	Plasticity of calcium-permeable AMPA glutamate receptors in Pro-opiomelanocortin neurons. <i>ELife</i> , 2017, 6, .	2.8	19

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91	Leptin potentiates ADP-induced [Ca <sup>2+</sup> ] <sub>i</sub> increase via JAK2 and tyrosine kinases in a megakaryoblast cell line. <i>Diabetes Research and Clinical Practice</i> , 2005, 70, 209-216.	1.1	18
92	Activation of cholecystokinin neurons in the dorsal pallium of the telencephalon is indispensable for the acquisition of chick imprinting behavior. <i>Journal of Neurochemistry</i> , 2007, 102, 1645-1657.	2.1	18
93	Sub-chronic stimulation of glucocorticoid receptor impairs and mineralocorticoid receptor protects cytosolic Ca <sup>2+</sup> responses to glucose in pancreatic $\beta$ -cells. <i>Journal of Endocrinology</i> , 2008, 197, 221-229.	1.2	18
94	Neurohormones, Rikkunshito and Hypothalamic Neurons Interactively Control Appetite and Anorexia. <i>Current Pharmaceutical Design</i> , 2012, 18, 4854-4864.	0.9	18
95	The effects of adjunctive intranasal oxytocin in patients with schizophrenia. <i>Postgraduate Medicine</i> , 2018, 130, 122-128.	0.9	18
96	Current Status of PACAP as a Regulator of Insulin Secretion in Pancreatic Islets. <i>Annals of the New York Academy of Sciences</i> , 1996, 805, 329-340.	1.8	17
97	<i>N</i> -methyl-D-aspartate receptor coagonist D-serine suppresses intake of high-preference food. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R561-R575.	0.9	17
98	Adiponectin at physiological level glucose-independently enhances inhibitory postsynaptic current onto NPY neurons in the hypothalamic arcuate nucleus. <i>Neuropeptides</i> , 2017, 65, 1-9.	0.9	17
99	Central insulin action induces activation of paraventricular oxytocin neurons to release oxytocin into circulation. <i>Scientific Reports</i> , 2018, 8, 10415.	1.6	17
100	Neuropeptide W in the rat pancreas: Potentiation of glucose-induced insulin release and Ca <sup>2+</sup> influx through L-type Ca <sup>2+</sup> channels in $\beta$ -cells and localization in islets. <i>Regulatory Peptides</i> , 2008, 145, 153-158.	1.9	16
101	Neuropeptide Y and $\hat{\alpha}$ -melanocyte-stimulating hormone reciprocally regulate nesfatin-1 neurons in the paraventricular nucleus of the hypothalamus. <i>NeuroReport</i> , 2014, 25, 1453-1458.	0.6	16
102	Glucagon directly interacts with vagal afferent nodose ganglion neurons to induce Ca <sup>2+</sup> signaling via glucagon receptors. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 727-732.	1.0	16
103	AAV-mediated IL-10 gene transfer counteracts inflammation in the hypothalamic arcuate nucleus and obesity induced by high-fat diet. <i>Neuropeptides</i> , 2017, 62, 87-92.	0.9	16
104	Role of NUCB2/nesfatin-1 in Glucose Control: Diverse Functions in Islets, Adipocytes and Brain. <i>Current Pharmaceutical Design</i> , 2013, 19, 6960-6965.	0.9	16
105	Serum ghrelin levels partially recover with the recovery of appetite and food intake after total gastrectomy. <i>Surgery Today</i> , 2014, 44, 2131-2137.	0.7	15
106	A novel insulinotropic mechanism of whole grain-derived $\beta$ -oryzanol via the suppression of local dopamine D <sub>2</sub> receptor signalling in mouse islet. <i>British Journal of Pharmacology</i> , 2015, 172, 4519-4534.	2.7	15
107	Caspase-1 deficiency promotes high-fat diet-induced adipose tissue inflammation and the development of obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E881-E890.	1.8	15
108	PDK1-FoxO1 pathway in AgRP neurons of arcuate nucleus promotes bone formation via GHRH-GH-IGF1 axis. <i>Molecular Metabolism</i> , 2017, 6, 428-439.	3.0	15

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109	Functional Significance of Colocalization of PACAP and Catecholamine in Nerve Terminals. <i>Annals of the New York Academy of Sciences</i> , 2000, 921, 211-217.	1.8	14
110	Synaptic interaction between ghrelin- and ghrelin-containing neurons in the rat hypothalamus. <i>Regulatory Peptides</i> , 2008, 145, 122-127.	1.9	14
111	Ghrelin ameliorates catabolic conditions and respiratory dysfunction in a chronic obstructive pulmonary disease model of chronic cigarette smoke-exposed rats. <i>European Journal of Pharmacology</i> , 2015, 755, 88-94.	1.7	14
112	Islet $\beta$ -cell-produced NUCB2/nesfatin-1 maintains insulin secretion and glycemia along with suppressing UCP-2 in $\beta$ -cells. <i>Journal of Physiological Sciences</i> , 2019, 69, 733-739.	0.9	14
113	Islet $\beta$ -Cell Ghrelin Signaling for Inhibition of Insulin Secretion. <i>Methods in Enzymology</i> , 2012, 514, 317-331.	0.4	13
114	Rikkunshito and isoliquiritigenin counteract 5-HT-induced 2C receptor-mediated activation of pro-opiomelanocortin neurons in the hypothalamic arcuate nucleus. <i>Neuropeptides</i> , 2013, 47, 225-230.	0.9	13
115	Brain-derived neurotrophic factor in VMH as the causal factor for and therapeutic tool to treat visceral adiposity and hyperleptinemia in type 2 diabetic Goto-Kakizaki rats. <i>Frontiers in Synaptic Neuroscience</i> , 2013, 5, 7.	1.3	13
116	Fasted/fed states regulate postsynaptic hub protein DYNLL2 and glutamatergic transmission in oxytocin neurons in the hypothalamic paraventricular nucleus. <i>Neuropeptides</i> , 2016, 56, 115-123.	0.9	13
117	Lavender Oil Reduces Depressive Mood in Healthy Individuals and Enhances the Activity of Single Oxytocin Neurons of the Hypothalamus Isolated from Mice: A Preliminary Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-9.	0.5	12
118	Insulinotropin PACAP Potentiates Insulin Action: Stimulation of Glucose Uptake in 3T3L1 Adipocytes. <i>Annals of the New York Academy of Sciences</i> , 2000, 921, 473-477.	1.8	11
119	Leptin transiently antagonizes ghrelin and long-lastingly orexin in regulation of $Ca^{2+}$ signaling in neuropeptide Y neurons of the arcuate nucleus. <i>World Journal of Gastroenterology</i> , 2008, 14, 6347.	1.4	11
120	Glucose-insensitivity induced by $Ca^{2+}$ toxicity in islet $\beta$ -cells and its prevention by PACAP. <i>Peptides</i> , 2002, 23, 135-142.	1.2	10
121	Pituitary adenylate cyclase-activating polypeptide neurons of the ventromedial hypothalamus project to the midbrain central gray. <i>NeuroReport</i> , 2006, 17, 221-224.	0.6	10
122	Gastrointestinal Distension by Pectin-Containing Carbonated Solution Suppresses Food Intake and Enhances Glucose Tolerance via GLP-1 Secretion and Vagal Afferent Activation. <i>Frontiers in Endocrinology</i> , 2021, 12, 676869.	1.5	10
123	PACAP as Low as $10^{-13}$ M Raises Cytosolic $Ca^{2+}$ Activity in Pancreatic B-Cells by Augmenting $Ca^{2+}$ Influx Through L-Type $Ca^{2+}$ Channels to Trigger Insulin Release. <i>Advances in Experimental Medicine and Biology</i> , 1997, 426, 165-171.	0.8	10
124	Chronic exposure to valproic acid promotes insulin release, reduces KATP channel current and does not affect $Ca^{2+}$ signaling in mouse islets. <i>Journal of Physiological Sciences</i> , 2014, 64, 77-83.	0.9	9
125	Betatrophin expression is promoted in obese hyperinsulinemic type 2 but not type 1 diabetic mice. <i>Endocrine Journal</i> , 2016, 63, 611-619.	0.7	9
126	GLP-1 receptor agonist liraglutide exerts central action to induce $\beta$ -cell proliferation through medulla to vagal pathway in mice. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 618-625.	1.0	9



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127	Reconstruction-Dependent Recovery from Anorexia and Time-Related Recovery of Regulatory Ghrelin System in Gastrectomized Rats. <i>International Journal of Peptides</i> , 2010, 2010, 1-10.	0.7	8
128	Partial Blockade of Kv2.1 Channel Potentiates GLP-1's Insulinotropic Effects in Islets and Reduces Its Dose Required for Improving Glucose Tolerance in Type 2 Diabetic Male Mice. <i>Endocrinology</i> , 2015, 156, 114-123.	1.4	8
129	Total gastrectomy-induced reductions in food intake and weight are counteracted by rikkunshito by attenuating glucagon-like peptide-1 elevation in rats. <i>Surgery</i> , 2016, 159, 1342-1350.	1.0	8
130	Distribution and Ultrastructural Localization of PACAP Receptors in the Rat Pancreatic Islets. <i>Annals of the New York Academy of Sciences</i> , 1998, 865, 438-440.	1.8	7
131	Chronic phencyclidine treatment induces long-lasting glutamatergic activation of VTA dopamine neurons. <i>Neuroscience Letters</i> , 2014, 564, 72-77.	1.0	7
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