

Huiyuan Zheng

List of Publications by Year in descending order

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34
papers

2,569
citations

218677

26
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

2922
citing authors

#	ARTICLE	IF	CITATIONS
1	Orexin Signaling in the Ventral Tegmental Area Is Required for High-Fat Appetite Induced by Opioid Stimulation of the Nucleus Accumbens. <i>Journal of Neuroscience</i> , 2007, 27, 11075-11082.	3.6	223
2	Brain stem melanocortinergeric modulation of meal size and identification of hypothalamic POMC projections. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R247-R258.	1.8	156
3	Meal patterns, satiety, and food choice in a rat model of Roux-en-Y gastric bypass surgery. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R1273-R1282.	1.8	155
4	Vanilloid receptor (VR1) expression in vagal afferent neurons innervating the gastrointestinal tract. <i>Cell and Tissue Research</i> , 2003, 311, 277-287.	2.9	140
5	Meal-Induced Hormone Responses in a Rat Model of Roux-en-Y Gastric Bypass Surgery. <i>Endocrinology</i> , 2010, 151, 1588-1597.	2.8	134
6	An expanded view of energy homeostasis: Neural integration of metabolic, cognitive, and emotional drives to eat. <i>Physiology and Behavior</i> , 2009, 97, 572-580.	2.1	129
7	Orexin-A projections to the caudal medulla and orexin-induced c-Fos expression, food intake, and autonomic function. <i>Journal of Comparative Neurology</i> , 2005, 485, 127-142.	1.6	126
8	Appetite-inducing accumbens manipulation activates hypothalamic orexin neurons and inhibits POMC neurons. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003, 284, R1436-R1444.	1.8	120
9	Brainstem mechanisms integrating gut-derived satiety signals and descending forebrain information in the control of meal size. <i>Physiology and Behavior</i> , 2006, 89, 517-524.	2.1	118
10	Orexin inputs to caudal raphé neurons involved in thermal, cardiovascular, and gastrointestinal regulation. <i>Histochemistry and Cell Biology</i> , 2005, 123, 147-156.	1.7	108
11	Modulation of taste responsiveness and food preference by obesity and weight loss. <i>Physiology and Behavior</i> , 2012, 107, 527-532.	2.1	97
12	Eating for pleasure or calories. <i>Current Opinion in Pharmacology</i> , 2007, 7, 607-612.	3.5	94
13	Neural Systems Controlling the Drive to Eat: Mind Versus Metabolism. <i>Physiology</i> , 2008, 23, 75-83.	3.1	88
14	Monoclonal antibody antagonists of hypothalamic FGFR1 cause potent but reversible hypophagia and weight loss in rodents and monkeys. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E964-E976.	3.5	87
15	The influence of nutrients, biliary-pancreatic secretions, and systemic trophic hormones on intestinal adaptation in a Roux-en-Y bypass model. <i>Journal of Pediatric Surgery</i> , 2010, 45, 987-995.	1.6	78
16	Obesity surgery and gut-brain communication. <i>Physiology and Behavior</i> , 2011, 105, 106-119.	2.1	74
17	Negative Energy Balance Blocks Neural and Behavioral Responses to Acute Stress by "Silencing" Central Glucagon-Like Peptide 1 Signaling in Rats. <i>Journal of Neuroscience</i> , 2015, 35, 10701-10714.	3.6	73
18	Neurochemical phenotype of hypothalamic neurons showing Fos expression 23 h after intracranial AgRP. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 282, R1773-R1781.	1.8	66

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19	A potential role for hypothalamomedullary POMC projections in leptin-induced suppression of food intake. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R720-R728.	1.8	64
20	Vagal Innervation of the Hepatic Portal Vein and Liver Is Not Necessary for Roux-En-Y Gastric Bypass Surgery-Induced Hypophagia, Weight Loss, and Hypermetabolism. <i>Annals of Surgery</i> , 2012, 255, 294-301.	4.2	56
21	Food reward in the obese and after weight loss induced by calorie restriction and bariatric surgery. <i>Annals of the New York Academy of Sciences</i> , 2012, 1264, 36-48.	3.8	52
22	Simplified CLARITY for visualizing immunofluorescence labeling in the developing rat brain. <i>Brain Structure and Function</i> , 2016, 221, 2375-2383.	2.3	44
23	Longitudinal Assessment of Food Intake, Fecal Energy Loss, and Energy Expenditure After Roux-en-Y Gastric Bypass Surgery in High-Fat-Fed Obese Rats. <i>Obesity Surgery</i> , 2013, 23, 531-540.	2.1	37
24	Phenotype of neurons in the nucleus of the solitary tract that express CCK-induced activation of the ERK signaling pathway. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R845-R854.	1.8	36
25	Excitatory Hindbrain Forebrain Communication Is Required for Cisplatin-Induced Anorexia and Weight Loss. <i>Journal of Neuroscience</i> , 2017, 37, 362-370.	3.6	35
26	High-fat intake induced by mu-opioid activation of the nucleus accumbens is inhibited by Y1R-blockade and MC3/4R-stimulation. <i>Brain Research</i> , 2010, 1350, 131-138.	2.2	32
27	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. <i>Journal of Neuroscience</i> , 2019, 39, 2649-2663.	3.6	29
28	Increased adiposity on normal diet, but decreased susceptibility to diet-induced obesity in μ -opioid receptor-deficient mice. <i>European Journal of Pharmacology</i> , 2008, 585, 14-23.	3.5	28
29	Distribution of glucagon-like peptide 1-immunopositive neurons in human caudal medulla. <i>Brain Structure and Function</i> , 2015, 220, 1213-1219.	2.3	28
30	GLP-1 neurons form a local synaptic circuit within the rodent nucleus of the solitary tract. <i>Journal of Comparative Neurology</i> , 2018, 526, 2149-2164.	1.6	27
31	Yohimbine anxiogenesis in the elevated plus maze requires hindbrain noradrenergic neurons that target the anterior ventrolateral bed nucleus of the stria terminalis. <i>European Journal of Neuroscience</i> , 2013, 37, 1340-1349.	2.6	23
32	Amphetamine-induced activation of neurons within the rat nucleus of the solitary tract. <i>Physiology and Behavior</i> , 2019, 204, 355-363.	2.1	6
33	Glucagon-like peptide 1 receptor-mediated stimulation of a GABAergic projection from the bed nucleus of the stria terminalis to the hypothalamic paraventricular nucleus. <i>Neurobiology of Stress</i> , 2021, 15, 100363.	4.0	5
34	Excitatory Hindbrain Forebrain Communication Is Required for Cisplatin-Induced Anorexia and Weight Loss. <i>Journal of Neuroscience</i> , 2017, 37, 362-370.	3.6	1