Timothy H Moran

List of Publications by Year
in descending order

53	5,607	172457	197818
papers	citations	29 h-index	49 g-index

54	54	54	4993
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A mouse model for Down syndrome exhibits learning and behaviour deficits. Nature Genetics, 1995, 11, 177-184.	21.4	854
2	Two brain cholecystokinin receptors: implications for behavioral actions. Brain Research, 1986, 362, 175-179.	2.2	759
3	Inositol Pyrophosphates Inhibit Akt Signaling, Thereby Regulating Insulin Sensitivity and Weight Gain. Cell, 2010, 143, 897-910.	28.9	328
4	Gastrointestinal satiety signals II. Cholecystokinin. American Journal of Physiology - Renal Physiology, 2004, 286, G183-G188.	3.4	275
5	C75, a Fatty Acid Synthase Inhibitor, Reduces Food Intake via Hypothalamic AMP-activated Protein Kinase. Journal of Biological Chemistry, 2004, 279, 19970-19976.	3.4	266
6	Prenatal Stress or High-Fat Diet Increases Susceptibility to Diet-Induced Obesity in Rat Offspring. Diabetes, 2009, 58, 1116-1125.	0.6	254
7	Cholecystokinin and satiety: current perspectives. Nutrition, 2000, 16, 858-865.	2.4	230
8	Maternal High-Fat Diet During Gestation or Suckling Differentially Affects Offspring Leptin Sensitivity and Obesity. Diabetes, 2012, 61, 2833-2841.	0.6	204
9	Central and peripheral vagal transport of cholecystokinin binding sites occurs in afferent fibers. Brain Research, 1990, 526, 95-102.	2.2	182
10	Perinatal environment and its influences on metabolic programming of offspring. Physiology and Behavior, 2010, 100, 560-566.	2.1	177
11	Transport of cholecystokinin (CCK) binding sites in subdiaphragmatic vagal branches. Brain Research, 1987, 415, 149-152.	2.2	163
12	Trisomy for the Down syndrome â€˜critical regionâ€™ is necessary but not sufficient for brain phenotypes of trisomic mice. Human Molecular Genetics, 2007, 16, 774-782.	2.9	158
13	Maternal stress and high-fat diet effect on maternal behavior, milk composition, and pup ingestive behavior. Physiology and Behavior, 2011, 104, 474-479.	2.1	138
14	Characterization of type A and type B CCK receptor binding sites in rat vagus nerve. Brain Research, 1993, 623, 161-166.	2.2	130
15	A role for NPY overexpression in the dorsomedial hypothalamus in hyperphagia and obesity of OLETF rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 281, R254-R260.	1.8	127
16	Running Wheel Activity Prevents Hyperphagia and Obesity in Otsuka Long-Evans Tokushima Fatty Rats: Role of Hypothalamic Signaling. Endocrinology, 2005, 146, 1676-1685.	2.8	125
17	Early and persistent abnormalities in rats with neonatally acquired borna disease virus infection. Brain Research Bulletin, 1994, 34, 31-40.	3.0	112
18	Hyperphagia and obesity in OLETF rats lacking CCK-1 receptors. Philosophical Transactions of the Royal Society B: Biological Sciences, 2006, 361, 1211-1218.	4.0	109

#	Article	IF	Citations
19	Differential Roles for Cholecystokinin A Receptors in Energy Balance in Rats and Mice. Endocrinology, 2004, 145, 3873-3880.	2.8	106
20	Actions of CCK in the controls of food intake and body weight: Lessons from the CCK-A receptor deficient OLETF rat. Neuropeptides, 2002, 36, 171-181.	2.2	85
21	Unraveling the obesity of OLETF rats. Physiology and Behavior, 2008, 94, 71-78.	2.1	79
22	C75 Alters Central and Peripheral Gene Expression to Reduce Food Intake and Increase Energy Expenditure. Endocrinology, 2005, 146, 486-493.	2.8	68
23	Hyperphagia and obesity of OLETF rats lacking CCK1 receptors: Developmental aspects. Developmental Psychobiology, 2006, 48, 360-367.	1.6	63
24	The effects of piracetam on cognitive performance in a mouse model of Down's syndrome. Physiology and Behavior, 2002, 77, 403-409.	2.1	59
25	Dose combinations of exendin-4 and salmon calcitonin produce additive and synergistic reductions in food intake in nonhuman primates. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R945-R952.	1.8	52
26	Maternal high-fat diet results in cognitive impairment and hippocampal gene expression changes in rat offspring. Experimental Neurology, 2019, 318, 92-100.	4.1	50
27	Pharmacological stimulation of brain carnitine palmitoyl-transferase-1 decreases food intake and body weight. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R352-R361.	1.8	46
28	Cholecystokinin inhibits gastric emptying and contracts the pyloric sphincter in rats by interacting with low affinity CCK receptor sites. Regulatory Peptides, 1994, 52, 165-172.	1.9	45
29	Early postweaning exercise improves central leptin sensitivity in offspring of rat dams fed high-fat diet during pregnancy and lactation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R1076-R1084.	1.8	30
30	Leptin modulation of peripheral controls of meal size. Physiology and Behavior, 2006, 89, 511-516.	2.1	28
31	Weight gain and maternal behavior in CCK1 deficient rats. Physiology and Behavior, 2006, 89, 402-409.	2.1	25
32	Intracerebroventricular C75 decreases meal frequency and reduces AgRP gene expression in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R148-R154.	1.8	25
33	Obesity in the Otsuka Long Evans Tokushima Fatty Rat: Mechanisms and Discoveries. Frontiers in Nutrition, 2016, 3, 21.	3.7	25
34	In vitro response of rat gastrointestinal segments to cholecystokinin and bombesin. Peptides, 1989, 10, 157-161.	2.4	20
35	Endogenous CCK in the Control of Gastric Emptying of Glucose and Maltose. Peptides, 1997, 18, 547-550.	2.4	20
36	Preobesity in the infant OLETF rat: The role of suckling. Developmental Psychobiology, 2007, 49, 685-691.	1.6	19

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37	Ain't misbehavin' - it's genetic!. Nature Genetics, 1996, 12, 115-116.	21.4	18
38	Pancreatic polypeptide: more than just another gut hormone?. Gastroenterology, 2003, 124, 1542-1544.	1.3	18
39	Diurnal and nocturnal nursing behavior in the OLETF rat. Developmental Psychobiology, 2007, 49, 323-333.	1.6	17
40	Large Litter Rearing Improves Leptin Sensitivity and Hypothalamic Appetite Markers in Offspring of Rat Dams Fed High-Fat Diet During Pregnancy and Lactation. Endocrinology, 2014, 155, 3421-3433.	2.8	17
41	Maternal high-fat diet during pregnancy and lactation reduces the appetitive behavioral component in female offspring tested in a brief-access taste procedure. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R499-R509.	1.8	16
42	Response to acute food deprivation in OLETF rats lacking CCK-A receptors. Physiology and Behavior, 2003, 79, 655-661.	2.1	13
43	Central transthyretin acts to decrease food intake and body weight. Scientific Reports, 2016, 6, 24238.	3.3	13
44	Intraperitoneal injections of low doses of C75 elicit a behaviorally specific and vagal afferent-independent inhibition of eating in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R799-R805.	1.8	12
45	Examining maternal influence on OLETF rats' early overweight: Insights from a crossâ€fostering study. Developmental Psychobiology, 2009, 51, 358-366.	1.6	12
46	Developmental alterations in serotoninergic neurotransmission in Borna disease virus (BDV)-infected rats: A multidisciplinary analysis. Journal of NeuroVirology, 2004, 10, 267-277.	2.1	11
47	Maternal Environmental Contribution to Adult Sensitivity and Resistance to Obesity in Long Evans Rats. PLoS ONE, 2010, 5, e13825.	2.5	10
48	Neural and Hormonal Controls of Food Intake and Satiety. , 2006, , 877-894.		6
49	Effects of early postnatal environment on hypothalamic gene expression in OLETF rats. PLoS ONE, 2017, 12, e0178428.	2.5	4
50	AMPK signaling mediates synphilin-1-induced hyperphagia and obesity in drosophila. Journal of Cell Science, 2021, 134, .	2.0	2
51	Ontogeny of Brain Cholecystokinin Receptors. , 1993, , 97-103.		1
52	Cholecystokinin and Satiety. , 2006, , 961-968.		1
53	Animal Models of Ingestive Behaviors. , 2022, , 30-38.		0