Thomas H Meek

List of Publications by Year
in descending order

33 papers	1,917 citations	430874 18 h-index	501196 28 g-index
33 all docs	33 docs citations	33 times ranked	2984 citing authors

#	Article	IF	Citations
1	Adaptable Angled Stereotactic Approach for Versatile Neuroscience Techniques. Journal of Visualized Experiments, 2020, , .	0.3	2
2	Mitochondrial haplotypes are not associated with mice selectively bred for high voluntary wheel running. Mitochondrion, 2019, 46, 134-139.	3.4	4
3	In Uncontrolled Diabetes, Hyperglucagonemia and Ketosis Result From Deficient Leptin Action in the Parabrachial Nucleus. Endocrinology, 2018, 159, 1585-1594.	2.8	8
4	Sex differences in microglial CX3CR1 signalling determine obesity susceptibility in mice. Nature Communications, 2017, 8, 14556.	12.8	126
5	Preference for Western diet coadapts in High Runner mice and affects voluntary exercise and spontaneous physical activity in a genotype-dependent manner. Behavioural Processes, 2017, 135, 56-65.	1.1	13
6	Acute Restraint Stress Alters Wheel-Running Behavior Immediately Following Stress and up to 20 Hours Later in House Mice. Physiological and Biochemical Zoology, 2016, 89, 546-552.	1.5	15
7	Functional identification of a neurocircuit regulating blood glucose. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2073-82.	7.1	143
8	The role of leptin in diabetes: metabolic effects. Diabetologia, 2016, 59, 928-932.	6.3	93
9	Evidence That in Uncontrolled Diabetes, Hyperglucagonemia Is Required for Ketosis but Not for Increased Hepatic Glucose Production or Hyperglycemia. Diabetes, 2015, 64, 2376-2387.	0.6	26
10	Effects of early-onset voluntary exercise on adult physical activity and associated phenotypes in mice. Physiology and Behavior, 2015, 149, 279-286.	2.1	27
11	Evidence against hypothalamic-pituitary-adrenal axis suppression in the antidiabetic action of leptin. Journal of Clinical Investigation, 2015, 125, 4587-4591.	8.2	38
12	Role of Melanocortin Signaling in Neuroendocrine and Metabolic Actions of Leptin in Male Rats With Uncontrolled Diabetes. Endocrinology, 2014, 155, 4157-4167.	2.8	20
13	Neurobiology of food intake in health and disease. Nature Reviews Neuroscience, 2014, 15, 367-378.	10.2	536
14	Running for reward: a matter of the mature mind. Journal of Physiology, 2014, 592, 2037-2037.	2.9	0
15	BDNF Action in the Brain Attenuates Diabetic Hyperglycemia via Insulin-Independent Inhibition of Hepatic Glucose Production. Diabetes, 2013, 62, 1512-1518.	0.6	72
16	Leptin Action in the Ventromedial Hypothalamic Nucleus Is Sufficient, But Not Necessary, to Normalize Diabetic Hyperglycemia. Endocrinology, 2013, 154, 3067-3076.	2.8	45
17	Gene expression profiling of gastrocnemius of â€œminimuscleâ€•mice. Physiological Genomics, 2013, 45, 228-236.	2.3	11
18	Immune response to aTrichinella spiralisinfection in house mice from lines selectively bred for high voluntary wheel running. Journal of Experimental Biology, 2013, 216, 4212-21.	1.7	14

#	Article	IF	Citations
19	In uncontrolled diabetes, thyroid hormone and sympathetic activators induce thermogenesis without increasing glucose uptake in brown adipose tissue. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E734-E746.	3.5	17
20	Within-lifetime trade-offs but evolutionary freedom for hormonal and immunological traits: evidence from mice bred for high voluntary exercise. Journal of Experimental Biology, 2012, 215, 1651-1661.	1.7	12
21	Acutely Decreased Thermoregulatory Energy Expenditure or Decreased Activity Energy Expenditure Both Acutely Reduce Food Intake in Mice. PLoS ONE, 2012, 7, e41473.	2.5	35
22	Sex differences in cannabinoid receptor-1 (CB1) pharmacology in mice selectively bred for high voluntary wheel-running behavior. Pharmacology Biochemistry and Behavior, 2012, 101, 528-537.	2.9	50
23	Effects of leptin treatment and Western diet on wheel running in selectively bred high runner mice. Physiology and Behavior, 2012, 106, 252-258.	2.1	24
24	Leptin, diabetes, and the brain. Indian Journal of Endocrinology and Metabolism, 2012, 16, 534.	0.4	30
25	Genetics shift the angioâ€adaptive balance in skeletal muscle of mice selected for high running capacity. FASEB Journal, 2012, 26, 1142.26.	0.5	0
26	Selective breeding of mice for high voluntary exercise alters adaptive plasticity of metabolic phenotypes in skeletal muscle. FASEB Journal, 2012, 26, 886.1.	0.5	0
27	The biological control of voluntary exercise, spontaneous physical activity and daily energy expenditure in relation to obesity: human and rodent perspectives. Journal of Experimental Biology, 2011, 214, 206-229.	1.7	365
28	Expression of angiogenic regulators and skeletal muscle capillarity in selectively bred high aerobic capacity mice. Experimental Physiology, 2011, 96, 1138-1150.	2.0	19
29	Sex-Specific Heterosis in Line Crosses of Mice Selectively Bred for High Locomotor Activity. Behavior Genetics, 2011, 41, 615-624.	2.1	13
30	Western diet increases wheel running in mice selectively bred for high voluntary wheel running. FASEB Journal, 2010, 24, 805.2.	0.5	0
31	Effects of western diet and wheel access on lipid profiles in mice selectively bred for high voluntary wheel running. FASEB Journal, 2010, 24, 1055.6.	0.5	0
32	Endurance capacity of mice selectively bred for high voluntary wheel running. Journal of Experimental Biology, 2009, 212, 2908-2917.	1.7	87
33	Differential response to a selective cannabinoid receptor antagonist (SR141716: rimonabant) in female mice from lines selectively bred for high voluntary wheel-running behaviour. Behavioural Pharmacology, 2008, 19, 812-820.	1.7	72