Gary J Schwartz

List of Publications by Year
in descending order

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43	3,215	257450	302126
papers	citations	24 h-index	39 g-index

55	55	55	5349
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mapping and specific viral targeting of peripheral pancreatic innervation. FASEB Journal, 2022, 36, .	0.5	0
2	Sex-specific differences in metabolic outcomes after sleeve gastrectomy and intermittent fasting in obese middle-aged mice. American Journal of Physiology - Endocrinology and Metabolism, 2022, 323, E107-E121.	3.5	2
3	Mapping and targeted viral activation of pancreatic nerves in mice reveal their roles in the regulation of glucose metabolism. Nature Biomedical Engineering, 2022, 6, 1298-1316.	22.5	10
4	Cyclin-dependent kinase 4/6 inhibitors require an arcuate-to-paraventricular hypothalamus melanocortin circuit to treat diet-induced obesity. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E467-E474.	3.5	2
5	Adipose tissue-derived neurotrophic factor 3 regulates sympathetic innervation and thermogenesis in adipose tissue. Nature Communications, 2021, 12, 5362.	12.8	27
6	The response to prolonged fasting in hypothalamic serotonin transporter availability is blunted in obesity. Metabolism: Clinical and Experimental, 2021, 123, 154839.	3.4	8
7	New roles for dopamine D2 and D3 receptors in pancreatic beta cell insulin secretion. Molecular Psychiatry, 2020, 25, 2070-2085.	7.9	55
8	Optogenetic stimulation of the liver-projecting melanocortinergic pathway promotes hepatic glucose production. Nature Communications, 2020, 11, 6295.	12.8	26
9	Beneficial metabolic role of Î²-arrestin-1 expressed by AgRP neurons. Science Advances, 2020, 6, eaaz1341.	10.3	17
10	A neural circuit mechanism for mechanosensory feedback control of ingestion. Nature, 2020, 580, 376-380.	27.8	87
11	A gutâ€“brain axis regulating glucose metabolism mediated by bile acids and competitive fibroblast growth factor actions at the hypothalamus. Molecular Metabolism, 2018, 8, 37-50.	6.5	61
12	Gutâ€“brain nutrient sensing in food reward. Appetite, 2018, 122, 32-35.	3.7	28
13	Oleoylethanolamide differentially regulates glycerolipid synthesis and lipoprotein secretion in intestine and liver. Journal of Lipid Research, 2018, 59, 2349-2359.	4.2	11
14	A direct tissue-grafting approach to increasing endogenous brown fat. Scientific Reports, 2018, 8, 7957.	3.3	22
15	Activation of temperature-sensitive TRPV1-like receptors in ARC POMC neurons reduces food intake. PLoS Biology, 2018, 16, e2004399.	5.6	66
16	Roles for gut vagal sensory signals in determining energy availability and energy expenditure. Brain Research, 2018, 1693, 151-153.	2.2	21
17	Autophagy Regulates the Liver Clock and Glucose Metabolism by Degrading CRY1. Cell Metabolism, 2018, 28, 268-281.e4.	16.2	124
18	Cyclin-dependent kinase 4 is a preclinical target for diet-induced obesity. JCI Insight, 2018, 3, .	5.0	18

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19	Cholinergic Signals from the CNS Regulate G-CSF-Mediated HSC Mobilization from Bone Marrow via a Glucocorticoid Signaling Relay. Cell Stem Cell, 2017, 20, 648-658.e4.	11.1	68
20	Randall Sakai, chronic social stress, and the research tradition of Curt Richter. Physiology and Behavior, 2017, 178, 2-6.	2.1	0
21	System-wide Benefits of Intermeal Fasting by Autophagy. Cell Metabolism, 2017, 26, 856-871.e5.	16.2	104
22	New melanocortin-like peptide of E. coli can suppress inflammation via the mammalian melanocortin-1 receptor (MC1R): possible endocrine-like function for microbes of the gut. Npj Biofilms and Microbiomes, 2017, 3, 31.	6.4	17
23	Lipolysis sensation by white fat afferent nerves triggers brown fat thermogenesis. Molecular Metabolism, 2016, 5, 626-634.	6.5	64
24	Striatal Dopamine Links Gastrointestinal Rerouting to Altered Sweet Appetite. Cell Metabolism, 2016, 23, 103-112.	16.2	72
25	A satiating signal. Science, 2016, 351, 1268-1269.	12.6	4
26	Autophagy in the CNS and Periphery Coordinate Lipophagy and Lipolysis in the Brown Adipose Tissue and Liver. Cell Metabolism, 2016, 23, 113-127.	16.2	230
27	A peripheral endocannabinoid mechanism contributes to glucocorticoid-mediated metabolic syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 285-290.	7.1	99
28	Cholinergic neurons in the dorsomedial hypothalamus regulate mouse brown adipose tissue metabolism. Molecular Metabolism, 2015, 4, 483-492.	6.5	50
29	Muscarinic Receptor Type-1 Regulates Centrally Hematopoietic Stem Cell Mobilization By Granulocyte-Colony Stimulating Factor Via the Hypothalamic-Pituitary Axis. Blood, 2015, 126, 898-898.	1.4	0
30	Central action of FGF19 reduces hypothalamic AGRP/NPY neuron activity and improves glucose metabolism. Molecular Metabolism, 2014, 3, 19-28.	6.5	128
31	Prenatal Polycyclic Aromatic Hydrocarbon, Adiposity, Peroxisome Proliferator-Activated Receptor (PPAR) Î³ Methylation in Offspring, Grand-Offspring Mice. PLoS ONE, 2014, 9, e110706.	2.5	75
32	Functional Organization of Neuronal and Humoral Signals Regulating Feeding Behavior. Annual Review of Nutrition, 2013, 33, 1-21.	10.1	53
33	Roles for central leptin receptors in the control of meal size. Appetite, 2013, 71, 466-469.	3.7	7
34	Genetic control of ATGL-mediated lipolysis modulates adipose triglyceride stores in leptin-deficient mice. Journal of Lipid Research, 2012, 53, 964-972.	4.2	12
35	Intracerebroventricular Leptin Infusion Improves Glucose Homeostasis in Lean Type 2 Diabetic MKR Mice via Hepatic Vagal and Non-Vagal Mechanisms. PLoS ONE, 2011, 6, e17058.	2.5	35
36	Gut fat sensing in the negative feedback control of energy balance â€" Recent advances. Physiology and Behavior, 2011, 104, 621-623.	2.1	35

#	ARTICLE	IF	CITATIONS
37	Re-patterning of Skeletal Muscle Energy Metabolism by Fat Storage-inducing Transmembrane Protein 2. Journal of Biological Chemistry, 2011, 286, 42188-42199.	3.4	28
38	The Lipid Messenger OEA Links Dietary Fat Intake to Satiety. Cell Metabolism, 2008, 8, 281-288.	16.2	321
39	Dirty dealing: Hepatic vagal afferents reshuffle fat distribution. Cell Metabolism, 2006, 4, 103-105.	16.2	1
40	Integrative capacity of the caudal brainstem in the control of food intake. Philosophical Transactions of the Royal Society B: Biological Sciences, 2006, 361, 1275-1280.	4.0	76
41	Hypothalamic KATP channels control hepatic glucose production. Nature, 2005, 434, 1026-1031.	27.8	569
42	A brain-liver circuit regulates glucose homeostasis. Cell Metabolism, 2005, 1, 53-61.	16.2	341
43	The role of gastrointestinal vagal afferents in the control of food intake: current prospects. Nutrition, 2000, 16, 866-873.	2.4	240