Frank K Huynh

List of Publications by Year
in descending order

20 papers	1,701 citations	471509 17 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	3163 citing authors

#	Article	IF	Citations
1	Dietary Restriction and AMPK Increase Lifespan via Mitochondrial Network and Peroxisome Remodeling. Cell Metabolism, 2017, 26, 884-896.e5.	16.2	265
2	SIRT4 Is a Lysine Deacylase that Controls Leucine Metabolism and Insulin Secretion. Cell Metabolism, 2017, 25, 838-855.e15.	16.2	259
3	Neuronal CRTC-1 Governs Systemic Mitochondrial Metabolism and Lifespan via a Catecholamine Signal. Cell, 2015, 160, 842-855.	28.9	175
4	The pancreatic Î² cell is a key site for mediating the effects of leptin on glucose homeostasis. Cell Metabolism, 2006, 4, 291-302.	16.2	160
5	Measurement of Fatty Acid Oxidation Rates in Animal Tissues and Cell Lines. Methods in Enzymology, 2014, 542, 391-405.	1.0	120
6	The role of leptin in glucose homeostasis. Journal of Diabetes Investigation, 2012, 3, 115-129.	2.4	113
7	Leptin Therapy Reverses Hyperglycemia in Mice With Streptozotocin-Induced Diabetes, Independent of Hepatic Leptin Signaling. Diabetes, 2011, 60, 1414-1423.	0.6	96
8	Investigating the Sensitivity of NAD+-dependent Sirtuin Deacylation Activities to NADH. Journal of Biological Chemistry, 2016, 291, 7128-7141.	3.4	91
9	SnapShot: Mammalian Sirtuins. Cell, 2014, 159, 956-956.e1.	28.9	74
10	SIRT6 Promotes Hepatic Beta-Oxidation via Activation of PPARÎ±. Cell Reports, 2019, 29, 4127-4143.e8.	6.4	68
11	Disruption of Hepatic Leptin Signaling Protects Mice From Age- and Diet-Related Glucose Intolerance. Diabetes, 2010, 59, 3032-3040.	0.6	61
12	A role for hepatic leptin signaling in lipid metabolism via altered very low density lipoprotein composition and liver lipase activity in mice. Hepatology, 2013, 57, 543-554.	7.3	61
13	Targeting sirtuins for the treatment of diabetes. Diabetes Management, 2013, 3, 245-257.	0.5	42
14	Acute Disruption of Leptin Signaling in Vivo Leads to Increased Insulin Levels and Insulin Resistance. Endocrinology, 2011, 152, 3385-3395.	2.8	37
15	Cellular energetics and mitochondrial uncoupling in canine aging. GeroScience, 2019, 41, 229-242.	4.6	27
16	Loss of sirtuin 4 leads to elevated glucoseâ€•and leucineâ€stimulated insulin levels and accelerated ageâ€induced insulin resistance in multiple murine genetic backgrounds. Journal of Inherited Metabolic Disease, 2018, 41, 59-72.	3.6	19
17	Quantifying Competition among Mitochondrial Protein Acylation Events Induced by Ethanol Metabolism. Journal of Proteome Research, 2019, 18, 1513-1531.	3.7	17
18	SIRT3 Directs Carbon Traffic in Muscle to Promote Glucose Control. Diabetes, 2015, 64, 3058-3060.	0.6	8

#	Article	IF	Citations
19	AAV GCG-EGFP, a new tool to identify glucagon-secreting Î±-cells. Scientific Reports, 2019, 9, 10829.	3.3	6
20	Î²-Cell-specific ablation of sirtuin 4 does not affect nutrient-stimulated insulin secretion in mice. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E805-E813.	3.5	2