Kirk M Habegger

List of Publications by Year
in descending order

60 papers	4,971 citations	159585 30 h-index	144013 57 g-index
60 all docs	60 docs citations	60 times ranked	7065 citing authors

#	Article	IF	Citations
1	Ghrelin. Molecular Metabolism, 2015, 4, 437-460.	6.5	810
2	Sirtuin 1 and Sirtuin 3: Physiological Modulators of Metabolism. Physiological Reviews, 2012, 92, 1479-1514.	28.8	551
3	A rationally designed monomeric peptide triagonist corrects obesity and diabetes in rodents. Nature Medicine, 2015, 21, 27-36.	30.7	481
4	Unimolecular Dual Incretins Maximize Metabolic Benefits in Rodents, Monkeys, and Humans. Science Translational Medicine, 2013, 5, 209ra151.	12.4	461
5	The metabolic actions of glucagon revisited. Nature Reviews Endocrinology, 2010, 6, 689-697.	9.6	292
6	Targeted estrogen delivery reverses the metabolic syndrome. Nature Medicine, 2012, 18, 1847-1856.	30.7	241
7	Fibroblast Growth Factor 21 Mediates Specific Glucagon Actions. Diabetes, 2013, 62, 1453-1463.	0.6	191
8	Chemical Hybridization of Glucagon and Thyroid Hormone Optimizes Therapeutic Impact for Metabolic Disease. Cell, 2016, 167, 843-857.e14.	28.9	153
9	Restoration of leptin responsiveness in dietâ€induced obese mice using an optimized leptin analog in combination with exendinâ€4 or FGF21. Journal of Peptide Science, 2012, 18, 383-393.	1.4	133
10	p62 Links Î²-adrenergic input to mitochondrial function and thermogenesis. Journal of Clinical Investigation, 2013, 123, 469-478.	8.2	107
11	AMPK Enhances Insulin-Stimulated GLUT4 Regulation via Lowering Membrane Cholesterol. Endocrinology, 2012, 153, 2130-2141.	2.8	103
12	Both Acyl and Des-Acyl Ghrelin Regulate Adiposity and Glucose Metabolism via Central Nervous System Ghrelin Receptors. Diabetes, 2014, 63, 122-131.	0.6	100
13	CNS Leptin Action Modulates Immune Response and Survival in Sepsis. Journal of Neuroscience, 2010, 30, 6036-6047.	3.6	86
14	High-Density Lipoprotein Maintains Skeletal Muscle Function by Modulating Cellular Respiration in Mice. Circulation, 2013, 128, 2364-2371.	1.6	73
15	Glucagon Regulation of Energy Expenditure. International Journal of Molecular Sciences, 2019, 20, 5407.	4.1	70
16	The orphan receptor Gpr83 regulates systemic energy metabolism via ghrelin-dependent and ghrelin-independent mechanisms. Nature Communications, 2013, 4, 1968.	12.8	64
17	Glucagon regulation of energy metabolism. Physiology and Behavior, 2010, 100, 545-548.	2.1	62
18	Fibroblast activation protein (FAP) as a novel metabolic target. Molecular Metabolism, 2016, 5, 1015-1024.	6.5	56

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19	Glucagon Receptor Signaling Regulates Energy Metabolism via Hepatic Farnesoid X Receptor and Fibroblast Growth Factor 21. Diabetes, 2018, 67, 1773-1782.	0.6	54
20	A Role for Astrocytes in the Central Control of Metabolism. Neuroendocrinology, 2011, 93, 143-149.	2.5	52
21	The GOAT-Ghrelin System Is Not Essential for Hypoglycemia Prevention during Prolonged Calorie Restriction. PLoS ONE, 2012, 7, e32100.	2.5	48
22	Chromium enhances insulin responsiveness via AMPK. Journal of Nutritional Biochemistry, 2014, 25, 565-572.	4.2	48
23	Duodenal nutrient exclusion improves metabolic syndrome and stimulates villus hyperplasia. Gut, 2014, 63, 1238-1246.	12.1	46
24	Fat-induced membrane cholesterol accrual provokes cortical filamentous actin destabilisation and glucose transport dysfunction in skeletal muscle. Diabetologia, 2012, 55, 457-467.	6.3	45
25	Hepatic Glucagon Receptor Signaling Enhances Insulin-Stimulated Glucose Disposal in Rodents. Diabetes, 2018, 67, 2157-2166.	0.6	44
26	Increased Glucose Availability Attenuates Myocardial Ketone Body Utilization. Journal of the American Heart Association, 2020, 9, e013039.	3.7	41
27	GLP-1R Responsiveness Predicts Individual Gastric Bypass Efficacy on Glucose Tolerance in Rats. Diabetes, 2014, 63, 505-513.	0.6	40
28	FGF21 is not required for glucose homeostasis, ketosis or tumour suppression associated with ketogenic diets in mice. Diabetologia, 2015, 58, 2414-2423.	6.3	37
29	MC4R Dimerization in the Paraventricular Nucleus and GHSR/MC3R Heterodimerization in the Arcuate Nucleus: Is There Relevance for Body Weight Regulation?. Neuroendocrinology, 2012, 95, 277-288.	2.5	35
30	Fibroblast growth factor 21 is required for beneficial effects of exercise during chronic high-fat feeding. Journal of Applied Physiology, 2016, 121, 687-698.	2.5	33
31	Caloric Restriction Chronically Impairs Metabolic Programming in Mice. Diabetes, 2012, 61, 2734-2742.	0.6	30
32	Glutathione S-Transferase 8-8 Expression Is Lower in Alcohol-Preferring Than in Alcohol-Nonpreferring Rats. Alcoholism: Clinical and Experimental Research, 2004, 28, 1622-1628.	2.4	29
33	Dietary Manipulations That Induce Ketosis Activate the HPA Axis in Male Rats and Mice: A Potential Role for Fibroblast Growth Factor-21. Endocrinology, 2018, 159, 400-413.	2.8	28
34	Analyses of Quantitative Trait Loci Contributing to Alcohol Preference in HAD1/LAD1 and HAD2/LAD2 Rats. Alcoholism: Clinical and Experimental Research, 2003, 27, 1710-1717.	2.4	25
35	Evidence Coupling Increased Hexosamine Biosynthesis Pathway Activity to Membrane Cholesterol Toxicity and Cortical Filamentous Actin Derangement Contributing to Cellular Insulin Resistanceâ€. Endocrinology, 2011, 152, 3373-3384.	2.8	23
36	Effect of polymorphism on expression of the neuropeptide Y gene in inbred alcohol-preferring and -nonpreferring rats. Neuroscience, 2005, 131, 871-876.	2.3	21

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37	Glucagon's Metabolic Action in Health and Disease. , 2021, 11, 1759-1783.		21
38	Development of Congenic Rat Strains for Alcohol Consumption Derived from the Alcohol-Preferring and Nonpreferring Rats. Behavior Genetics, 2006, 36, 285-290.	2.1	20
39	GLP-1R Agonism Enhances Adjustable Gastric Banding in Diet-Induced Obese Rats. Diabetes, 2013, 62, 3261-3267.	0.6	19
40	Duodenal endoluminal barrier sleeve alters gut microbiota of ZDF rats. International Journal of Obesity, 2017, 41, 381-389.	3.4	17
41	Deletion of the glucagon receptor gene before and after experimental diabetes reveals differential protection from hyperglycemia. Molecular Metabolism, 2018, 17, 28-38.	6.5	17
42	Antiretroviral therapy potentiates high-fat diet induced obesity and glucose intolerance. Molecular Metabolism, 2018, 12, 48-61.	6.5	17
43	Acylation Type Determines Ghrelin's Effects on Energy Homeostasis in Rodents. Endocrinology, 2012, 153, 4687-4695.	2.8	16
44	Highâ€Fat and Highâ€Sucrose Diets Impair Timeâ€ofâ€Day Differences in Spatial Working Memory of Male Mice. Obesity, 2020, 28, 2347-2356.	3.0	14
45	Sam68 promotes hepatic gluconeogenesis via CRTC2. Nature Communications, 2021, 12, 3340.	12.8	12
46	The islet-expressed Lhx1 transcription factor interacts with Islet-1 and contributes to glucose homeostasis. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E397-E409.	3.5	11
47	In utero nutritional stress as a cause of obesity: Altered relationship between body fat, leptin levels and caloric intake in offspring into adulthood. Life Sciences, 2020, 254, 117764.	4.3	11
48	Hexosamine Biosynthesis Pathway Flux Contributes to Insulin Resistance via Altering Membrane Phosphatidylinositol 4,5-Bisphosphate and Cortical Filamentous Actin. Endocrinology, 2009, 150, 1636-1645.	2.8	10
49	LDB1 Regulates Energy Homeostasis During Diet-Induced Obesity. Endocrinology, 2017, 158, 1289-1297.	2.8	10
50	Glucagon-Receptor Signaling Reverses Hepatic Steatosis Independent of Leptin Receptor Expression. Endocrinology, 2020, 161, .	2.8	10
51	A Small Molecule, UAB126, Reverses Diet-Induced Obesity and its Associated Metabolic Disorders. Diabetes, 2020, 69, 2003-2016.	0.6	10
52	Ghrelin receptor deficiency does not affect diet-induced atherosclerosis in low-density lipoprotein receptor-null mice. Frontiers in Endocrinology, 2011, 2, 67.	3.5	8
53	Carbohydrate Content of Post-operative Diet Influences the Effect of Vertical Sleeve Gastrectomy on Body Weight Reduction in Obese Rats. Obesity Surgery, 2012, 22, 140-151.	2.1	8
54	Glucagon-receptor signaling regulates weight loss via central KLB receptor complexes. JCI Insight, 2021, 6, .	5.0	8

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55	Mito-Mendelian interactions alter in vivo glucose metabolism and insulin sensitivity in healthy mice. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E521-E529.	3.5	8
56	Role of adipose and hepatic atypical protein kinase C lambda (PKCÎ») in the development of obesity and glucose intolerance. Adipocyte, 2012, 1, 203-214.	2.8	6
57	Motherâ€child cardiometabolic health 4â€“10Âyears after pregnancy complicated by obesity with and without gestational diabetes. Obesity Science and Practice, 2022, 8, 627-640.	1.9	3
58	Ablation of Sam68 in adult mice increases thermogenesis and energy expenditure. FASEB Journal, 2021, 35, e21772.	0.5	2
59	Revisiting the Pharmacological Value of Glucagon: An Editorial for the Special Issue â€œThe Biology and Pharmacology of Glucagonâ€. International Journal of Molecular Sciences, 2020, 21, 383.	4.1	0
60	The transcriptional co-regulator LDB1 is required for brown adipose function. Molecular Metabolism, 2021, 53, 101284.	6.5	0