

# Matthew P Gillum

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

2,653  
citations

236612

25  
h-index

223531

46  
g-index

48  
all docs

48  
docs citations

48  
times ranked

5081  
citing authors

#	ARTICLE	IF	CITATIONS
1	FGF21 Mediates Endocrine Control of Simple Sugar Intake and Sweet Taste Preference by the Liver. <i>Cell Metabolism</i> , 2016, 23, 335-343.	7.2	270
2	Sirt1 Regulates Adipose Tissue Inflammation. <i>Diabetes</i> , 2011, 60, 3235-3245.	0.3	261
3	Fish Oil Regulates Adiponectin Secretion by a Peroxisome Proliferator-Activated Receptor- $\alpha$ -Dependent Mechanism in Mice. <i>Diabetes</i> , 2006, 55, 924-928.	0.3	254
4	Sirt1 knockdown in liver decreases basal hepatic glucose production and increases hepatic insulin responsiveness in diabetic rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11288-11293.	3.3	169
5	FGF21 Is a Sugar-Induced Hormone Associated with Sweet Intake and Preference in Humans. <i>Cell Metabolism</i> , 2017, 25, 1045-1053.e6.	7.2	169
6	N-acylphosphatidylethanolamine, a Gut-Derived Circulating Factor Induced by Fat Ingestion, Inhibits Food Intake. <i>Cell</i> , 2008, 135, 813-824.	13.5	143
7	Metabolic and hepatic effects of liraglutide, obeticholic acid and elafibranor in diet-induced obese mouse models of biopsy-confirmed nonalcoholic steatohepatitis. <i>World Journal of Gastroenterology</i> , 2018, 24, 179-194.	1.4	105
8	Sirtuin-1 regulation of mammalian metabolism. <i>Trends in Molecular Medicine</i> , 2011, 17, 8-13.	3.5	88
9	FGF21 Signals to Glutamatergic Neurons in the Ventromedial Hypothalamus to Suppress Carbohydrate Intake. <i>Cell Metabolism</i> , 2020, 32, 273-286.e6.	7.2	82
10	Divergent effects of resistance and endurance exercise on plasma bile acids, FGF19, and FGF21 in humans. <i>JCI Insight</i> , 2018, 3, .	2.3	77
11	The Role of the Carbohydrate Response Element-Binding Protein in Male Fructose-Fed Rats. <i>Endocrinology</i> , 2013, 154, 36-44.	1.4	73
12	Central Serotonergic Neurons Activate and Recruit Thermogenic Brown and Beige Fat and Regulate Glucose and Lipid Homeostasis. <i>Cell Metabolism</i> , 2015, 21, 692-705.	7.2	70
13	Impact of CD1d Deficiency on Metabolism. <i>PLoS ONE</i> , 2011, 6, e25478.	1.1	68
14	ER Stress Inhibits Liver Fatty Acid Oxidation while Unmitigated Stress Leads to Anorexia-Induced Lipolysis and Both Liver and Kidney Steatosis. <i>Cell Reports</i> , 2017, 19, 1794-1806.	2.9	67
15	Glucagon acutely regulates hepatic amino acid catabolism and the effect may be disturbed by steatosis. <i>Molecular Metabolism</i> , 2020, 42, 101080.	3.0	66
16	Role of caspase-1 in regulation of triglyceride metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4810-4815.	3.3	64
17	Characterization of the Hyperphagic Response to Dietary Fat in the MC4R Knockout Mouse. <i>Endocrinology</i> , 2011, 152, 890-902.	1.4	62
18	FGF21, a liver hormone that inhibits alcohol intake in mice, increases in human circulation after acute alcohol ingestion and sustained binge drinking at Oktoberfest. <i>Molecular Metabolism</i> , 2018, 11, 96-103.	3.0	62

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19	Effects of Nicotinamide Riboside on Endocrine Pancreatic Function and Incretin Hormones in Nondiabetic Men With Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5703-5714.	1.8	57
20	Bile acids drive colonic secretion of glucagon-like-peptide 1 and peptide-YY in rodents. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, G574-G584.	1.6	42
21	Sirtuin-1 is a nutrient-dependent modulator of inflammation. <i>Adipocyte</i> , 2013, 2, 113-118.	1.3	39
22	Mitochondrial function in liver cells is resistant to perturbations in NAD <sup>+</sup> salvage capacity. <i>Journal of Biological Chemistry</i> , 2019, 294, 13304-13326.	1.6	33
23	Fatty acid amide hydrolase ablation promotes ectopic lipid storage and insulin resistance due to centrally mediated hypothyroidism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14966-14971.	3.3	32
24	Fibroblast growth factor 21: an endocrine inhibitor of sugar and alcohol appetite. <i>Journal of Physiology</i> , 2019, 597, 3539-3548.	1.3	30
25	FGF21 suppresses alcohol consumption through an amygdalo-striatal circuit. <i>Cell Metabolism</i> , 2022, 34, 317-328.e6.	7.2	30
26	Distinct Pathways Regulated by RET and Estrogen Receptor in Luminal Breast Cancer Demonstrate the Biological Basis for Combination Therapy. <i>Annals of Surgery</i> , 2014, 259, 793-799.	2.1	27
27	<i>N</i> -acyl taurines are endogenous lipid messengers that improve glucose homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24770-24778.	3.3	25
28	Fasting and ghrelin-induced food intake is regulated by NAMPT in the hypothalamus. <i>Acta Physiologica</i> , 2020, 228, e13437.	1.8	22
29	Hepatocyte-specific perturbation of NAD <sup>+</sup> biosynthetic pathways in mice induces reversible nonalcoholic steatohepatitis-like phenotypes. <i>Journal of Biological Chemistry</i> , 2021, 297, 101388.	1.6	20
30	cAMP-responsive Element-binding Protein (CREB)-regulated Transcription Coactivator 2 (CRTC2) Promotes Glucagon Clearance and Hepatic Amino Acid Catabolism to Regulate Glucose Homeostasis. <i>Journal of Biological Chemistry</i> , 2013, 288, 16167-16176.	1.6	19
31	Differential time responses in inflammatory and oxidative stress markers after a marathon: An observational study. <i>Journal of Sports Sciences</i> , 2020, 38, 2080-2091.	1.0	18
32	An abundant biliary metabolite derived from dietary omega-3 polyunsaturated fatty acids regulates triglycerides. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	18
33	Disease Progression and Pharmacological Intervention in a Nutrient-Deficient Rat Model of Nonalcoholic Steatohepatitis. <i>Digestive Diseases and Sciences</i> , 2019, 64, 1238-1256.	1.1	15
34	FAP finds FGF21 easy to digest. <i>Biochemical Journal</i> , 2016, 473, 1125-1127.	1.7	9
35	Loss of Sucrase-Isomaltase Function Increases Acetate Levels and Improves Metabolic Health in Greenlandic Cohorts. <i>Gastroenterology</i> , 2022, 162, 1171-1182.e3.	0.6	9
36	Parsing the Potential Neuroendocrine Actions of FGF21 in Primates. <i>Endocrinology</i> , 2018, 159, 1966-1970.	1.4	8

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37	The effect of curcumin on hepatic fat content in individuals with obesity. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 2192-2202.	2.2	8
38	Glucose-metabolic effects of oral and intravenous alcohol administration in men. <i>Endocrine Connections</i> , 2019, 8, 1372-1382.	0.8	7
39	Towards Leanness by "Feeding" a Novel Thermogenic Pathway?. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 529-530.	3.1	6
40	No Effect of Dietary Fish Oil Supplementation on the Recruitment of Brown and White Adipocytes in Mice or Humans under Thermoneutral Conditions. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2000681.	1.5	6
41	Plasma FGF21 concentrations are regulated by glucose independently of insulin and GLP-1 in lean, healthy humans. <i>PeerJ</i> , 2022, 10, e12755.	0.9	6
42	The effect of acute intragastric vs. intravenous alcohol administration on inflammation markers, blood lipids and gallbladder motility in healthy men. <i>Alcohol</i> , 2020, 87, 29-37.	0.8	4
43	Does FGF21 Mediate the Potential Decrease in Sweet Food Intake and Preference Following Bariatric Surgery?. <i>Nutrients</i> , 2021, 13, 3840.	1.7	4
44	Transient postprandial increase in intact circulating fibroblast growth factor-21 levels after Roux-en-Y gastric bypass: a randomized controlled clinical trial. <i>PeerJ</i> , 2021, 9, e11174.	0.9	3
45	Metabolic effects of 1-week binge drinking and fast food intake during Roskilde Festival in young healthy male adults. <i>European Journal of Endocrinology</i> , 2021, 185, 23-32.	1.9	2
46	Opposing roles of the entero-pancreatic hormone urocortin-3 in glucose metabolism in rats. <i>Diabetologia</i> , 2022, 65, 1018-1031.	2.9	2
47	Hepatic Bile Acid Reuptake in the Rat Depends on Bile Acid Conjugation but Not on Agonistic Properties towards FXR and TGR5. <i>Molecules</i> , 2020, 25, 2371.	1.7	0