

SAM Virtue

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

5,509
citations

109321

35
h-index

110387

64
g-index

74
all docs

74
docs citations

74
times ranked

9573
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary PUFAs drive diverse system-level changes in lipid metabolism. <i>Molecular Metabolism</i> , 2022, 59, 101457.	6.5	3
2	Dysregulation of macrophage PEPD in obesity determines adipose tissue fibro-inflammation and insulin resistance. <i>Nature Metabolism</i> , 2022, 4, 476-494.	11.9	16
3	Autocrine IGF2 programmes β^2 -cell plasticity under conditions of increased metabolic demand. <i>Scientific Reports</i> , 2021, 11, 7717.	3.3	8
4	Brown Adipose Tissue Volume and Fat Content Are Positively Associated With Whole-Body Adiposity in Young Men—Not in Women. <i>Diabetes</i> , 2021, 70, 1473-1485.	0.6	11
5	GTTs and ITTs in mice: simple tests, complex answers. <i>Nature Metabolism</i> , 2021, 3, 883-886.	11.9	84
6	Macrophage beta2-adrenergic receptor is dispensable for the adipose tissue inflammation and function. <i>Molecular Metabolism</i> , 2021, 48, 101220.	6.5	11
7	Regulation of adipogenic differentiation and adipose tissue inflammation by interferon regulatory factor 3. <i>Cell Death and Differentiation</i> , 2021, 28, 3022-3035.	11.2	17
8	Suppression of insulin-induced gene 1 (INSIG1) function promotes hepatic lipid remodelling and restrains NASH progression. <i>Molecular Metabolism</i> , 2021, 48, 101210.	6.5	20
9	A pipeline for making 31P NMR accessible for small- and large-scale lipidomics studies. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 4763-4773.	3.7	10
10	Murine neuronatin deficiency is associated with a hypervariable food intake and bimodal obesity. <i>Scientific Reports</i> , 2021, 11, 17571.	3.3	5
11	SREBP1-induced fatty acid synthesis depletes macrophages antioxidant defences to promote their alternative activation. <i>Nature Metabolism</i> , 2021, 3, 1150-1162.	11.9	29
12	Norepinephrine promotes triglyceride storage in macrophages via beta2-adrenergic receptor activation. <i>FASEB Journal</i> , 2021, 35, e21266.	0.5	11
13	What is the most appropriate covariate in ANCOVA when analysing metabolic rate?. <i>Nature Metabolism</i> , 2021, 3, 1585-1585.	11.9	5
14	Bone morphogenetic protein 8B promotes the progression of non-alcoholic steatohepatitis. <i>Nature Metabolism</i> , 2020, 2, 514-531.	11.9	31
15	Adipose Tissue-Liver Cross Talk in the Control of Whole-Body Metabolism: Implications in Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2020, 158, 1899-1912.	1.3	157
16	GDF15 mediates the effects of metformin on body weight and energy balance. <i>Nature</i> , 2020, 578, 444-448.	27.8	326
17	Truncation of Pik3r1 causes severe insulin resistance uncoupled from obesity and dyslipidaemia by increased energy expenditure. <i>Molecular Metabolism</i> , 2020, 40, 101020.	6.5	14
18	Enhanced β^2 -adrenergic signalling underlies an age-dependent beneficial metabolic effect of PI3K p110 α inactivation in adipose tissue. <i>Nature Communications</i> , 2019, 10, 1546.	12.8	27

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19	GDF15 Provides an Endocrine Signal of Nutritional Stress in Mice and Humans. <i>Cell Metabolism</i> , 2019, 29, 707-718.e8.	16.2	286
20	Interaction between hormone-sensitive lipase and ChREBP in fat cells controls insulin sensitivity. <i>Nature Metabolism</i> , 2019, 1, 133-146.	11.9	42
21	Accelerated phosphatidylcholine turnover in macrophages promotes adipose tissue inflammation in obesity. <i>ELife</i> , 2019, 8, .	6.0	46
22	Adipocyte-secreted BMP8b mediates adrenergic-induced remodeling of the neuro-vascular network in adipose tissue. <i>Nature Communications</i> , 2018, 9, 4974.	12.8	104
23	Surplus fat rapidly increases fat oxidation and insulin resistance in lipodystrophic mice. <i>Molecular Metabolism</i> , 2018, 13, 24-29.	6.5	17
24	Hepatic steatosis risk is partly driven by increased de novo lipogenesis following carbohydrate consumption. <i>Genome Biology</i> , 2018, 19, 79.	8.8	83
25	Peroxisome Proliferator-Activated Receptor β Controls the Rate of Adipose Tissue Lipid Storage and Determines Metabolic Flexibility. <i>Cell Reports</i> , 2018, 24, 2005-2012.e7.	6.4	35
26	No metabolic effects of mustard allyl-isothiocyanate compared with placebo in men. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 1197-1205.	4.7	5
27	Obesity-associated gene <i>TMEM18</i> has a role in the central control of appetite and body weight regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9421-9426.	7.1	57
28	Lipid zonation and phospholipid remodeling in nonalcoholic fatty liver disease. <i>Hepatology</i> , 2017, 65, 1165-1180.	7.3	138
29	Mild cold effects on hunger, food intake, satiety and skin temperature in humans. <i>Endocrine Connections</i> , 2016, 5, 65-73.	1.9	19
30	Assessment of plasma acylcarnitines before and after weight loss in obese subjects. <i>Archives of Biochemistry and Biophysics</i> , 2016, 606, 73-80.	3.0	25
31	Adipose tissue fatty acid chain length and mono-unsaturation increases with obesity and insulin resistance. <i>Scientific Reports</i> , 2015, 5, 18366.	3.3	50
32	Brown Adipose Tissue Thermogenic Capacity Is Regulated by Elov16. <i>Cell Reports</i> , 2015, 13, 2039-2047.	6.4	52
33	Hematopoietic IKBKE limits the chronicity of inflammasome priming and metaflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 506-511.	7.1	30
34	Regulation of mitochondrial morphology and function by stearoylation of TFR1. <i>Nature</i> , 2015, 525, 124-128.	27.8	174
35	Soluble LR11/SorLA represses thermogenesis in adipose tissue and correlates with BMI in humans. <i>Nature Communications</i> , 2015, 6, 8951.	12.8	59
36	Prostaglandin profiling reveals a role for haematopoietic prostaglandin D synthase in adipose tissue macrophage polarisation in mice and humans. <i>International Journal of Obesity</i> , 2015, 39, 1151-1160.	3.4	40

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37	Assessment of brown adipose tissue function. <i>Frontiers in Physiology</i> , 2013, 4, 128.	2.8	80
38	PS6 - 3. Plasma acylcarnitine levels have limited predictive value for metabolic characteristics as insulin sensitivity and energy expenditure. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2013, 11, 150-151.	0.0	0
39	Adaptive Changes of the Insig1/SREBP1/SCD1 Set Point Help Adipose Tissue to Cope With Increased Storage Demands of Obesity. <i>Diabetes</i> , 2013, 62, 3697-3708.	0.6	76
40	Prediction of Weight Loss and Regain Following Dietary, Lifestyle, and Pharmacologic Intervention. <i>Clinical Pharmacology and Therapeutics</i> , 2012, 91, 1027-1034.	4.7	9
41	BMP8B Increases Brown Adipose Tissue Thermogenesis through Both Central and Peripheral Actions. <i>Cell</i> , 2012, 149, 871-885.	28.9	481
42	A New Role for Lipocalin Prostaglandin D Synthase in the Regulation of Brown Adipose Tissue Substrate Utilization. <i>Diabetes</i> , 2012, 61, 3139-3147.	0.6	48
43	Below Thermoneutrality, Changes in Activity Do Not Drive Changes in Total Daily Energy Expenditure between Groups of Mice. <i>Cell Metabolism</i> , 2012, 16, 665-671.	16.2	69
44	Lipocalin Prostaglandin D Synthase and PPAR β Coordinate to Regulate Carbohydrate and Lipid Metabolism In Vivo. <i>PLoS ONE</i> , 2012, 7, e39512.	2.5	19
45	Brown adipose tissue in the treatment of obesity and diabetes: Are we hot enough?. <i>Journal of Diabetes Investigation</i> , 2011, 2, 341-350.	2.4	16
46	Nothing Iffy about HIF in the Hypothalamus. <i>PLoS Biology</i> , 2011, 9, e1001116.	5.6	12
47	Association of Lipidome Remodeling in the Adipocyte Membrane with Acquired Obesity in Humans. <i>PLoS Biology</i> , 2011, 9, e1000623.	5.6	213
48	Genome-Wide Profiling of MicroRNAs in Adipose Mesenchymal Stem Cell Differentiation and Mouse Models of Obesity. <i>PLoS ONE</i> , 2011, 6, e21305.	2.5	49
49	Secreted frizzled-related protein 1 regulates adipose tissue expansion and is dysregulated in severe obesity. <i>International Journal of Obesity</i> , 2010, 34, 1695-1705.	3.4	78
50	LEM-PCR: a method for determining relative transcript isoform proportions using real-time PCR without a standard curve. <i>Genome</i> , 2010, 53, 637-642.	2.0	7
51	Electrical and optical spectroscopy for quantitative screening of hepatic steatosis in donor livers. <i>Physics in Medicine and Biology</i> , 2010, 55, 6867-6879.	3.0	14
52	Adipose tissue expandability, lipotoxicity and the Metabolic Syndrome – An allostatic perspective. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 338-349.	2.4	748
53	Obesity as a clinical and public health problem: Is there a need for a new definition based on lipotoxicity effects?. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 400-404.	2.4	68
54	<i>Dact1</i> , a Nutritionally Regulated Preadipocyte Gene, Controls Adipogenesis by Coordinating the Wnt/ β -Catenin Signaling Network. <i>Diabetes</i> , 2009, 58, 609-619.	0.6	84

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55	The transcription factors Egr1 and Egr2 have opposing influences on adipocyte differentiation. <i>Cell Death and Differentiation</i> , 2009, 16, 782-789.	11.2	80
56	Metabolic phenotyping of a model of adipocyte differentiation. <i>Physiological Genomics</i> , 2009, 39, 109-119.	2.3	78
57	The Human Lipodystrophy Gene <i>BSCL2/Seipin</i> May Be Essential for Normal Adipocyte Differentiation. <i>Diabetes</i> , 2008, 57, 2055-2060.	0.6	181
58	It's Not How Fat You Are, It's What You Do with It That Counts. <i>PLoS Biology</i> , 2008, 6, e237.	5.6	244
59	PPAR gamma 2 Prevents Lipotoxicity by Controlling Adipose Tissue Expandability and Peripheral Lipid Metabolism. <i>PLoS Genetics</i> , 2007, 3, e64.	3.5	346
60	Orexin Expression is Regulated by α -Melanocyte-Stimulating Hormone. <i>Journal of Neuroendocrinology</i> , 2007, 19, 703-707.	2.6	24
61	Decreased Brown Adipocyte Recruitment and Thermogenic Capacity in Mice with Impaired Peroxisome Proliferator-Activated Receptor (P465L PPAR δ) Function. <i>Endocrinology</i> , 2006, 147, 5708-5714.	2.8	57
62	Tamoxifen-Induced Anorexia Is Associated With Fatty Acid Synthase Inhibition in the Ventromedial Nucleus of the Hypothalamus and Accumulation of Malonyl-CoA. <i>Diabetes</i> , 2006, 55, 1327-1336.	0.6	143
63	The Link Between Nutritional Status and Insulin Sensitivity Is Dependent on the Adipocyte-Specific Peroxisome Proliferator-Activated Receptor- α Isoform. <i>Diabetes</i> , 2005, 54, 1706-1716.	0.6	157
64	Identification of a New Quorum-Sensing-Controlled Virulence Factor in <i>Erwinia carotovora</i> subsp. <i>atroseptica</i> Secreted via the Type II Targeting Pathway. <i>Molecular Plant-Microbe Interactions</i> , 2005, 18, 334-342.	2.6	73