Morgan D Fullerton

List of Publications by Year
in descending order

56	4,775	147801 31	144013 57
papers	citations	h-index	g-index

63	63	63	8170
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Defective AMPK regulation of cholesterol metabolism accelerates atherosclerosis by promoting HSPC mobilization and myelopoiesis. Molecular Metabolism, 2022, 61, 101514.	6.5	10
2	Fine-tuning acetyl-CoA carboxylase 1 activity through localization: functional genomics reveals a role for the lysine acetyltransferase NuA4 and sphingolipid metabolism in regulating Acc1 activity and localization. Genetics, 2022, 221, .	2.9	7
3	Salicylates Ameliorate Intestinal Inflammation by Activating Macrophage AMPK. Inflammatory Bowel Diseases, 2021, 27, 914-926.	1.9	32
4	Ebola virus triggers receptor tyrosine kinase-dependent signaling to promote the delivery of viral particles to entry-conducive intracellular compartments. PLoS Pathogens, 2021, 17, e1009275.	4.7	11
5	Metformin again? Atheroprotection mediated by macrophage AMPK and ATF1. Cardiovascular Research, 2021, 117, 1233-1234.	3.8	1
6	Salsalate reduces atherosclerosis through AMPKÎ²1 in mice. Molecular Metabolism, 2021, 53, 101321.	6.5	8
7	Myeloid deletion and therapeutic activation of AMPK do not alter atherosclerosis in male or female mice. Journal of Lipid Research, 2020, 61, 1697-1706.	4.2	6
8	Foam Cell Induction Activates AMPK But Uncouples Its Regulation of Autophagy and Lysosomal Homeostasis. International Journal of Molecular Sciences, 2020, 21, 9033.	4.1	7
9	Adipose Tissue Inflammation Is Directly Linked to Obesity-Induced Insulin Resistance, while Gut Dysbiosis and Mitochondrial Dysfunction Are Not Required. Function, 2020, 1, zqaa013.	2.3	12
10	Hepatic Choline Transport Is Inhibited During Fatty Acidâ€“Induced Lipotoxicity and Obesity. Hepatology Communications, 2020, 4, 876-889.	4.3	5
11	The citrus flavonoid nobiletin confers protection from metabolic dysregulation in high-fat-fed mice independent of AMPK. Journal of Lipid Research, 2020, 61, 387-402.	4.2	39
12	In Vitro Hepatitis C Virus Infection and Hepatic Choline Metabolism. Viruses, 2020, 12, 108.	3.3	23
13	Characterization of Redox-Responsive LXR-Activating Nanoparticle Formulations in Primary Mouse Macrophages. Molecules, 2019, 24, 3751.	3.8	7
14	Maternal dietâ€induced obesity alters muscle mitochondrial function in offspring without changing insulin sensitivity. FASEB Journal, 2019, 33, 13515-13526.	0.5	14
15	Interleukin-18 up-regulates amino acid transporters and facilitates amino acidâ€“induced mTORC1 activation in natural killer cells. Journal of Biological Chemistry, 2019, 294, 4644-4655.	3.4	53
16	A Diacylglycerol Kinase Inhibitor, R-59-022, Blocks Filovirus Internalization in Host Cells. Viruses, 2019, 11, 206.	3.3	8
17	AMPK Promotes Xenophagy through Priming of Autophagic Kinases upon Detection of Bacterial Outer Membrane Vesicles. Cell Reports, 2019, 26, 2150-2165.e5.	6.4	43
18	Inhibition of Adenosine Monophosphateâ€“Activated Protein Kinaseâ€“3â€Hydroxyâ€3â€Methylglutaryl Coenzyme A Reductase Signaling Leads to Hypercholesterolemia and Promotes Hepatic Steatosis and Insulin Resistance. Hepatology Communications, 2019, 3, 84-98.	4.3	56

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19	A role for phosphatidylcholine and phosphatidylethanolamine in hepatic insulin signaling. FASEB Journal, 2019, 33, 5045-5057.	0.5	40
20	Does prenylation predict progression in NAFLD?. Journal of Pathology, 2019, 247, 283-286.	4.5	3
21	Methods to Evaluate AMPK Regulation of Macrophage Cholesterol Homeostasis. Methods in Molecular Biology, 2018, 1732, 477-493.	0.9	3
22	Choline transport links macrophage phospholipid metabolism and inflammation. Journal of Biological Chemistry, 2018, 293, 11600-11611.	3.4	78
23	Muramyl Dipeptide-Based Postbiotics Mitigate Obesity-Induced Insulin Resistance via IRF4. Cell Metabolism, 2017, 25, 1063-1074.e3.	16.2	149
24	The apolipoprotein C-III (Gln38Lys) variant associated with human hypertriglyceridemia is a gain-of-function mutation. Journal of Lipid Research, 2017, 58, 2188-2196.	4.2	32
25	Lysine acetyltransferase NuA4 and acetyl-CoA regulate glucose-deprived stress granule formation in Saccharomyces cerevisiae. PLoS Genetics, 2017, 13, e1006626.	3.5	20
26	AMP-activated protein kinase and its multifaceted regulation of hepatic metabolism. Current Opinion in Lipidology, 2016, 27, 172-180.	2.7	20
27	Defective <scp>NOD</scp>2 peptidoglycan sensing promotes dietâ€induced inflammation, dysbiosis, and insulin resistance. EMBO Molecular Medicine, 2015, 7, 259-274.	6.9	160
28	MicroRNA-33â€“dependent regulation of macrophage metabolism directs immune cell polarization in atherosclerosis. Journal of Clinical Investigation, 2015, 125, 4334-4348.	8.2	304
29	High intensity interval training improves liver and adipose tissue insulin sensitivity. Molecular Metabolism, 2015, 4, 903-915.	6.5	90
30	Salicylate improves macrophage cholesterol homeostasis via activation of Ampk. Journal of Lipid Research, 2015, 56, 1025-1033.	4.2	55
31	Metformin and salicylate synergistically activate liver AMPK, inhibit lipogenesis and improve insulin sensitivity. Biochemical Journal, 2015, 468, 125-132.	3.7	132
32	Inhibiting peripheral serotonin synthesis reduces obesity and metabolic dysfunction by promoting brown adipose tissue thermogenesis. Nature Medicine, 2015, 21, 166-172.	30.7	376
33	Reduced skeletal muscle AMPK and mitochondrial markers do not promote age-induced insulin resistance. Journal of Applied Physiology, 2014, 117, 171-179.	2.5	8
34	Endurance interval training in obese mice reduces muscle inflammation and macrophage content independently of weight loss. Physiological Reports, 2014, 2, e12012.	1.7	31
35	PPARÎ´ activation attenuates hepatic steatosis in Ldlr mice by enhanced fat oxidation, reduced lipogenesis, and improved insulin sensitivity. Journal of Lipid Research, 2014, 55, 1254-1266.	4.2	61
36	Fluvastatin Causes NLRP3 Inflammasome-Mediated Adipose Insulin Resistance. Diabetes, 2014, 63, 3742-3747.	0.6	116

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37	Mechanism of Action of Compound-13: An Î±1-Selective Small Molecule Activator of AMPK. Chemistry and Biology, 2014, 21, 866-879.	6.0	103
38	AMPK phosphorylation of ACC2 is required for skeletal muscle fatty acid oxidation and insulin sensitivity in mice. Diabetologia, 2014, 57, 1693-1702.	6.3	105
39	Immunometabolism of AMPK in insulin resistance and atherosclerosis. Molecular and Cellular Endocrinology, 2013, 366, 224-234.	3.2	64
40	Diacylglycerol Kinase Delta Promotes Lipogenesis. Biochemistry, 2013, 52, 7766-7776.	2.5	18
41	Single phosphorylation sites in Acc1 and Acc2 regulate lipid homeostasis and the insulin-sensitizing effects of metformin. Nature Medicine, 2013, 19, 1649-1654.	30.7	674
42	Editorial: â€œPresentingâ€•an adaptive role for AMPK. Journal of Leukocyte Biology, 2013, 94, 1099-1101.	3.3	2
43	Deletion of Skeletal Muscle SOCS3 Prevents Insulin Resistance in Obesity. Diabetes, 2013, 62, 56-64.	0.6	117
44	Loss of TDAG51 Results in Mature-Onset Obesity, Hepatic Steatosis, and Insulin Resistance by Regulating Lipogenesis. Diabetes, 2013, 62, 158-169.	0.6	34
45	Mechanism of hypertriglyceridemia in CTP:phosphoethanolamine cytidylyltransferase-deficient mice. Journal of Lipid Research, 2012, 53, 1811-1822.	4.2	19
46	Reduced Socs3 expression in adipose tissue protects female mice against obesity-induced insulin resistance. Diabetologia, 2012, 55, 3083-3093.	6.3	46
47	The Ancient Drug Salicylate Directly Activates AMP-Activated Protein Kinase. Science, 2012, 336, 918-922.	12.6	649
48	NOD1 Activators Link Innate Immunity to Insulin Resistance. Diabetes, 2011, 60, 2206-2215.	0.6	213
49	Hematopoietic AMPK Î²1 reduces mouse adipose tissue macrophage inflammation and insulin resistance in obesity. Journal of Clinical Investigation, 2011, 121, 4903-4915.	8.2	291
50	Complementation of the metabolic defect in CTP:phosphoethanolamine cytidylyltransferase (Pcyt2)â€“deficient primary hepatocytes. Metabolism: Clinical and Experimental, 2010, 59, 1691-1700.	3.4	22
51	SIRT1 Takes a Backseat to AMPK in the Regulation of Insulin Sensitivity by Resveratrol. Diabetes, 2010, 59, 551-553.	0.6	69
52	The Development of a Metabolic Disease Phenotype in CTP:Phosphoethanolamine Cytidylyltransferase-deficient Mice. Journal of Biological Chemistry, 2009, 284, 25704-25713.	3.4	87
53	Interactions between hepatic lipase and apolipoprotein E gene polymorphisms affect serum lipid profiles of healthy Canadian adults. Applied Physiology, Nutrition and Metabolism, 2008, 33, 761-768.	1.9	13
54	Developmental and Metabolic Effects of Disruption of the Mouse CTP:Phosphoethanolamine Cytidylyltransferase Gene (Pcyt2). Molecular and Cellular Biology, 2007, 27, 3327-3336.	2.3	90

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55	Metabolic and molecular aspects of ethanolamine phospholipid biosynthesis: the role of CTP:phosphoethanolamine cytidylyltransferase (Pcyt2). Biochemistry and Cell Biology, 2007, 85, 283-300.	2.0	93
56	Impaired trafficking of choline transporter-like protein-1 at plasma membrane and inhibition of choline transport in THP-1 monocyte-derived macrophages. American Journal of Physiology - Cell Physiology, 2006, 290, C1230-C1238.	4.6	42