Shannon Marie Reilly

List of Publications by Year in Descending Order

28 papers	2,603 citations	16 h-index	30 g-index
30 ext. papers	3,237 ext. citations	19.6 avg, IF	5.36 L-index

#	Paper	IF	Citations
28	Glycogen metabolism links glucose homeostasis to thermogenesis in adipocytes. *Nature*, **2021**, 599, 296-301	50.4	4
27	FGF21 is required for the metabolic benefits of IKK/TBK1 inhibition. *Journal of Clinical Investigation*, **2021**, 131,	15.9	2
26	FGF21 promotes thermogenic gene expression as an autocrine factor in adipocytes. *Cell Reports*, **2021**, 35, 109331	10.6	12
25	/ depletion in cells alleviates ER stress and corrects hepatic steatosis in mice. *Science Translational Medicine*, **2021**, 13,	17.5	9
24	TANK-Binding Kinase 1 Regulates the Localization of Acyl-CoA Synthetase ACSL1 to Control Hepatic Fatty Acid Oxidation. *Cell Metabolism*, **2020**, 32, 1012-1027.e7	24.6	15
23	Catecholamines suppress fatty acid re-esterification and increase oxidation in white adipocytes via STAT3. *Nature Metabolism*, **2020**, 2, 620-634	14.6	9
22	YIPF6 controls sorting of FGF21 into COPII vesicles and promotes obesity. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 15184-15193	11.5	10
21	TBK1 at the Crossroads of Inflammation and Energy Homeostasis in Adipose Tissue. *Cell*, **2018**, 172, 731-743.e12	36.2	216
20	Lipotoxicity induces hepatic protein inclusions through TANK binding kinase 1-mediated p62/sequestosome 1 phosphorylation. *Hepatology*, **2018**, 68, 1331-1346	11.2	44
19	ERR Preserves Brown Fat Innate Thermogenic Activity. *Cell Reports*, **2018**, 22, 2849-2859	10.6	18
18	RalA controls glucose homeostasis by regulating glucose uptake in brown fat. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 7819-7824	11.5	26
17	Design, synthesis, and biological activity of substituted 2-amino-5-oxo-5H-chromeno[2,3-b]pyridine-3-carboxylic acid derivatives as inhibitors of the inflammatory kinases TBK1 and IKK for the treatment of obesity. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 5443-5461	3.4	16
16	Carboxylic Acid Derivatives of Amlexanox Display Enhanced Potency toward TBK1 and IKK and Reveal Mechanisms for Selective Inhibition. *Molecular Pharmacology*, **2018**, 94, 1210-1219	4.3	21
15	Adapting to obesity with adipose tissue inflammation. *Nature Reviews Endocrinology*, **2017**, 13, 633-643	15.2	524
14	Inhibition of IKKe and TBK1 Improves Glucose Control in a Subset of Patients with Type 2 Diabetes. *Cell Metabolism*, **2017**, 26, 157-170.e7	24.6	85
13	A futile approach to fighting obesity?. *Cell*, **2015**, 163, 539-40	56.2	2
12	Intestinal FXR agonism promotes adipose tissue browning and reduces obesity and insulin resistance. *Nature Medicine*, **2015**, 21, 159-65	50.5	420

List of Publications

11	A subcutaneous adipose tissue-liver signalling axis controls hepatic gluconeogenesis. *Nature Communications*, **2015**, 6, 6047	17.4	63
10	Obesity: A complex role for adipose tissue macrophages. *Nature Reviews Endocrinology*, **2014**, 10, 193-4	15.2	9
9	An inhibitor of the protein kinases TBK1 and IKK-e improves obesity-related metabolic dysfunctions in mice. *Nature Medicine*, **2013**, 19, 313-21	50.5	293
8	Transcriptional repression of mitochondrial function in aging: a novel role for the silencing mediator of retinoid and thyroid hormone receptors co-repressor. *Antioxidants and Redox Signaling*, **2013**, 19, 299-309	8.4	4
7	Inflammation produces catecholamine resistance in obesity via activation of PDE3B by the protein kinases IKK and TBK1. *ELife*, **2013**, 2, e01119	8.9	81
6	Role of peroxisome proliferator-activated receptor {delta}/{beta} in hepatic metabolic regulation. *Journal of Biological Chemistry*, **2011**, 286, 1237-47	5.4	105
5	Nuclear receptor corepressor SMRT regulates mitochondrial oxidative metabolism and mediates aging-related metabolic deterioration. *Cell Metabolism*, **2010**, 12, 643-53	24.6	44
4	PPAR delta as a therapeutic target in metabolic disease. *FEBS Letters*, **2008**, 582, 26-31	3.8	122
3	Adipocyte-derived Th2 cytokines and myeloid PPARdelta regulate macrophage polarization and insulin sensitivity. *Cell Metabolism*, **2008**, 7, 485-95	24.6	544
2	Nuclear Receptors in the Control of Lipid Metabolism **2008**, 96-122		
1	PPAR delta regulates adipose tissue macrophage activation and insulin sensitivity. Critical roles of PPAR delta in macrophage-adipocyte crosstalk and insulin sensitivity. *FASEB Journal*, **2008**, 22, 1018.1	0.9	