

# Saswata Talukdar

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

6,594  
citations

257101

24  
h-index

525886

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

13303  
citing authors

#	ARTICLE	IF	CITATIONS
1	GPR120 Is an Omega-3 Fatty Acid Receptor Mediating Potent Anti-inflammatory and Insulin-Sensitizing Effects. <i>Cell</i> , 2010, 142, 687-698.	13.5	2,013
2	Neutrophils mediate insulin resistance in mice fed a high-fat diet through secreted elastase. <i>Nature Medicine</i> , 2012, 18, 1407-1412.	15.2	751
3	Inflammation Is Necessary for Long-Term but Not Short-Term High-Fat Diet-Induced Insulin Resistance. <i>Diabetes</i> , 2011, 60, 2474-2483.	0.3	452
4	A Long-Acting FGF21 Molecule, PF-05231023, Decreases Body Weight and Improves Lipid Profile in Non-human Primates and Type 2 Diabetic Subjects. <i>Cell Metabolism</i> , 2016, 23, 427-440.	7.2	377
5	Insulin resistance drives hepatic de novo lipogenesis in nonalcoholic fatty liver disease. <i>Journal of Clinical Investigation</i> , 2020, 130, 1453-1460.	3.9	362
6	Increased Macrophage Migration Into Adipose Tissue in Obese Mice. <i>Diabetes</i> , 2012, 61, 346-354.	0.3	304
7	FGF21 Regulates Sweet and Alcohol Preference. <i>Cell Metabolism</i> , 2016, 23, 344-349.	7.2	259
8	LTB4 promotes insulin resistance in obese mice by acting on macrophages, hepatocytes and myocytes. <i>Nature Medicine</i> , 2015, 21, 239-247.	15.2	252
9	Adipocyte NCoR Knockout Decreases PPAR $\beta$ Phosphorylation and Enhances PPAR $\beta$ Activity and Insulin Sensitivity. <i>Cell</i> , 2011, 147, 815-826.	13.5	246
10	Maintenance of Metabolic Homeostasis by Sestrin2 and Sestrin3. <i>Cell Metabolism</i> , 2012, 16, 311-321.	7.2	242
11	Targeting GPR120 and other fatty acid-sensing GPCRs ameliorates insulin resistance and inflammatory diseases. <i>Trends in Pharmacological Sciences</i> , 2011, 32, 543-550.	4.0	218
12	Brain PPAR $\beta$ promotes obesity and is required for the insulin-sensitizing effect of thiazolidinediones. <i>Nature Medicine</i> , 2011, 17, 618-622.	15.2	214
13	NCoR Repression of LXRs Restricts Macrophage Biosynthesis of Insulin-Sensitizing Omega 3 Fatty Acids. <i>Cell</i> , 2013, 155, 200-214.	13.5	149
14	Once-weekly administration of a long-acting fibroblast growth factor 21 analogue modulates lipids, bone turnover markers, blood pressure and body weight differently in obese people with hypertriglyceridaemia and in non-human primates. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 1762-1772.	2.2	106
15	Development of a Novel Long-Acting Antidiabetic FGF21 Mimetic by Targeted Conjugation to a Scaffold Antibody. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 346, 270-280.	1.3	105
16	The mechanism mediating the activation of acetyl-coenzyme A carboxylase-1 $\alpha$ gene transcription by the liver X receptor agonist T0-901317. <i>Journal of Lipid Research</i> , 2006, 47, 2451-2461.	2.0	88
17	Osteopontin Is Required for the Early Onset of High Fat Diet-Induced Insulin Resistance in Mice. <i>PLoS ONE</i> , 2010, 5, e13959.	1.1	71
18	GPR105 Ablation Prevents Inflammation and Improves Insulin Sensitivity in Mice with Diet-Induced Obesity. <i>Journal of Immunology</i> , 2012, 189, 1992-1999.	0.4	65

#	ARTICLE	IF	CITATIONS
19	Pharmacokinetics (PK), Pharmacodynamics (PD) and Integrated PK/PD Modeling of a Novel Long Acting FGF21 Clinical Candidate PF-05231023 in Diet-Induced Obese and Leptin-Deficient Obese Mice. PLoS ONE, 2015, 10, e0119104.	1.1	55
20	Neuronal Sirt1 Deficiency Increases Insulin Sensitivity in Both Brain and Peripheral Tissues. Journal of Biological Chemistry, 2013, 288, 10722-10735.	1.6	50
21	G protein-coupled receptor 21 deletion improves insulin sensitivity in diet-induced obese mice. Journal of Clinical Investigation, 2012, 122, 2444-2453.	3.9	49
22	FGF21 does not require interscapular brown adipose tissue and improves liver metabolic profile in animal models of obesity and insulin-resistance. Scientific Reports, 2015, 5, 11382.	1.6	45
23	Positive Reinforcing Mechanisms between GPR120 and PPAR $\beta$ Modulate Insulin Sensitivity. Cell Metabolism, 2020, 31, 1173-1188.e5.	7.2	43
24	Fibroblast Growth Factor 21 Improves Insulin Sensitivity and Synergizes with Insulin in Human Adipose Stem Cell-Derived (hASC) Adipocytes. PLoS ONE, 2014, 9, e111767.	1.1	28
25	Knock-Down of IL-1Ra in Obese Mice Decreases Liver Inflammation and Improves Insulin Sensitivity. PLoS ONE, 2014, 9, e107487.	1.1	20
26	Free fatty acid receptor 4 activation protects against choroidal neovascularization in mice. Angiogenesis, 2020, 23, 385-394.	3.7	17
27	Chenodeoxycholic acid suppresses the activation of acetyl-coenzyme A carboxylase- $\alpha$ gene transcription by the liver X receptor agonist T0-901317. Journal of Lipid Research, 2007, 48, 2647-2663.	2.0	13