Saswata Talukdar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8637225/publications.pdf

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27 papers	6,594 citations	257450 24 h-index	526287 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. Cell, 2010, 142, 687-698.	28.9	2,013
2	Neutrophils mediate insulin resistance in mice fed a high-fat diet through secreted elastase. Nature Medicine, 2012, 18, 1407-1412.	30.7	751
3	Inflammation Is Necessary for Long-Term but Not Short-Term High-Fat Dietâ€"Induced Insulin Resistance. Diabetes, 2011, 60, 2474-2483.	0.6	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. Cell Metabolism, 2016, 23, 427-440.	16.2	377
5	Insulin resistance drives hepatic de novo lipogenesis in nonalcoholic fatty liver disease. Journal of Clinical Investigation, 2020, 130, 1453-1460.	8.2	362
6	Increased Macrophage Migration Into Adipose Tissue in Obese Mice. Diabetes, 2012, 61, 346-354.	0.6	304
7	FGF21 Regulates Sweet and Alcohol Preference. Cell Metabolism, 2016, 23, 344-349.	16.2	259
8	LTB4 promotes insulin resistance in obese mice by acting on macrophages, hepatocytes and myocytes. Nature Medicine, 2015, 21, 239-247.	30.7	252
9	Adipocyte NCoR Knockout Decreases PPARÎ³ Phosphorylation and Enhances PPARÎ³ Activity and Insulin Sensitivity. Cell, 2011, 147, 815-826.	28.9	246
10	Maintenance of Metabolic Homeostasis by Sestrin2 and Sestrin3. Cell Metabolism, 2012, 16, 311-321.	16.2	242
11	Targeting GPR120 and other fatty acid-sensing GPCRs ameliorates insulin resistance and inflammatory diseases. Trends in Pharmacological Sciences, 2011, 32, 543-550.	8.7	218
12	Brain PPAR-Î³ promotes obesity and is required for the insulinâ€"sensitizing effect of thiazolidinediones. Nature Medicine, 2011, 17, 618-622.	30.7	214
13	NCoR Repression of LXRs Restricts Macrophage Biosynthesis of Insulin-Sensitizing Omega 3 Fatty Acids. Cell, 2013, 155, 200-214.	28.9	149
14	Onceâ€weekly administration of a longâ€acting fibroblast growth factor 21 analogue modulates lipids, bone turnover markers, blood pressure and body weight differently in obese people with hypertriglyceridaemia and in nonâ€human primates. Diabetes, Obesity and Metabolism, 2017, 19, 1762-1772.	4.4	106
15	Development of a Novel Long-Acting Antidiabetic FGF21 Mimetic by Targeted Conjugation to a Scaffold Antibody. Journal of Pharmacology and Experimental Therapeutics, 2013, 346, 270-280.	2.5	105
16	The mechanism mediating the activation of acetyl-coenzyme A carboxylase-Î± gene transcription by the liver X receptor agonist T0-901317. Journal of Lipid Research, 2006, 47, 2451-2461.	4.2	88
17	Osteopontin Is Required for the Early Onset of High Fat Diet-Induced Insulin Resistance in Mice. PLoS ONE, 2010, 5, e13959.	2.5	71
18	GPR105 Ablation Prevents Inflammation and Improves Insulin Sensitivity in Mice with Diet-Induced Obesity. Journal of Immunology, 2012, 189, 1992-1999.	0.8	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.	2.5	55
20	Neuronal Sirt1 Deficiency Increases Insulin Sensitivity in Both Brain and Peripheral Tissues. Journal of Biological Chemistry, 2013, 288, 10722-10735.	3.4	50
21	G proteinâ€“coupled receptor 21 deletion improves insulin sensitivity in diet-induced obese mice. Journal of Clinical Investigation, 2012, 122, 2444-2453.	8.2	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.	3.3	45
23	Positive Reinforcing Mechanisms between GPR120 and PPARÎ³ Modulate Insulin Sensitivity. Cell Metabolism, 2020, 31, 1173-1188.e5.	16.2	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.	2.5	28
25	Knock-Down of IL-1Ra in Obese Mice Decreases Liver Inflammation and Improves Insulin Sensitivity. PLoS ONE, 2014, 9, e107487.	2.5	20
26	Free fatty acid receptor 4 activation protects against choroidal neovascularization in mice. Angiogenesis, 2020, 23, 385-394.	7.2	17
27	Chenodeoxycholic acid suppresses the activation of acetyl-coenzyme A carboxylase-Î± gene transcription by the liver X receptor agonist T0-901317. Journal of Lipid Research, 2007, 48, 2647-2663.	4.2	13