

Utpal B Pajvani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/474352/publications.pdf>

Version: 2024-02-01

55
papers

6,801
citations

186265

28
h-index

144013

57
g-index

58
all docs

58
docs citations

58
times ranked

8392
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex Distribution, Not Absolute Amount of Adiponectin, Correlates with Thiazolidinedione-mediated Improvement in Insulin Sensitivity. <i>Journal of Biological Chemistry</i> , 2004, 279, 12152-12162.	3.4	1,018
2	Structure-Function Studies of the Adipocyte-secreted Hormone Acrp30/Adiponectin. <i>Journal of Biological Chemistry</i> , 2003, 278, 9073-9085.	3.4	941
3	Adiponectin acts in the brain to decrease body weight. <i>Nature Medicine</i> , 2004, 10, 524-529.	30.7	722
4	Mice Lacking Adiponectin Show Decreased Hepatic Insulin Sensitivity and Reduced Responsiveness to Peroxisome Proliferator-activated Receptor β Agonists. <i>Journal of Biological Chemistry</i> , 2006, 281, 2654-2660.	3.4	558
5	Mechanisms of Fibrosis Development in Nonalcoholic Steatohepatitis. <i>Gastroenterology</i> , 2020, 158, 1913-1928.	1.3	346
6	Regulation of Resistin Expression and Circulating Levels in Obesity, Diabetes, and Fasting. <i>Diabetes</i> , 2004, 53, 1671-1679.	0.6	300
7	Fat apoptosis through targeted activation of caspase 8: a new mouse model of inducible and reversible lipoatrophy. <i>Nature Medicine</i> , 2005, 11, 797-803.	30.7	280
8	Mechanisms of Early Insulin-Sensitizing Effects of Thiazolidinediones in Type 2 Diabetes. <i>Diabetes</i> , 2004, 53, 1621-1629.	0.6	240
9	Adiponectin: Systemic contributor to insulin sensitivity. <i>Current Diabetes Reports</i> , 2003, 3, 207-213.	4.2	227
10	Calcium Signaling through CaMKII Regulates Hepatic Glucose Production in Fasting and Obesity. <i>Cell Metabolism</i> , 2012, 15, 739-751.	16.2	181
11	Selective Downregulation of the High Molecular Weight Form of Adiponectin in Hyperinsulinemia and in Type 2 Diabetes. <i>Diabetes</i> , 2007, 56, 2174-2177.	0.6	175
12	Inhibition of Notch signaling ameliorates insulin resistance in a FoxO1-dependent manner. <i>Nature Medicine</i> , 2011, 17, 961-967.	30.7	165
13	Hepatocyte Notch activation induces liver fibrosis in nonalcoholic steatohepatitis. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	151
14	Inhibition of Notch uncouples Akt activation from hepatic lipid accumulation by decreasing mTORC1 stability. <i>Nature Medicine</i> , 2013, 19, 1054-1060.	30.7	126
15	Nonalcoholic fatty liver disease: cause or consequence of type 2 diabetes?. <i>Liver International</i> , 2016, 36, 1563-1579.	3.9	126
16	Cholesterol Stabilizes TAZ in Hepatocytes to Promote Experimental Non-alcoholic Steatohepatitis. <i>Cell Metabolism</i> , 2020, 31, 969-986.e7.	16.2	117
17	Molecular pathophysiology of metabolic effects of antipsychotic medications. <i>Trends in Endocrinology and Metabolism</i> , 2014, 25, 593-600.	7.1	95
18	MTORC1 Regulates both General Autophagy and Mitophagy Induction after Oxidative Phosphorylation Uncoupling. <i>Molecular and Cellular Biology</i> , 2017, 37, .	2.3	90

#	ARTICLE	IF	CITATIONS
19	The new biology of diabetes. <i>Diabetologia</i> , 2015, 58, 2459-2468.	6.3	80
20	Hepatic Notch Signaling Correlates With Insulin Resistance and Nonalcoholic Fatty Liver Disease. <i>Diabetes</i> , 2013, 62, 4052-4062.	0.6	78
21	Inhibition of NADPH Oxidase 2 (NOX2) Prevents Oxidative Stress and Mitochondrial Abnormalities Caused by Saturated Fat in Cardiomyocytes. <i>PLoS ONE</i> , 2016, 11, e0145750.	2.5	78
22	DIFFERENTIAL GLYCOSYLATION OF INTERLEUKIN 2, THE MOLECULAR BASIS FOR THE NOD Idd3 TYPE 1 DIABETES GENE?. <i>Cytokine</i> , 2000, 12, 477-482.	3.2	66
23	Maladaptive regeneration – the reawakening of developmental pathways in NASH and fibrosis. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021, 18, 131-142.	17.8	64
24	mTORC1-independent Raptor prevents hepatic steatosis by stabilizing PHLPP2. <i>Nature Communications</i> , 2016, 7, 10255.	12.8	49
25	Hepatocyte TLR4 triggers inter-hepatocyte Jagged1/Notch signaling to determine NASH-induced fibrosis. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	49
26	Notch signaling dynamically regulates adult \hat{I}^2 cell proliferation and maturity. <i>Journal of Clinical Investigation</i> , 2018, 129, 268-280.	8.2	41
27	Notch activity characterizes a common hepatocellular carcinoma subtype with unique molecular and clinicopathologic features. <i>Journal of Hepatology</i> , 2021, 74, 613-626.	3.7	34
28	Targeted Delivery of Notch Inhibitor Attenuates Obesity-Induced Glucose Intolerance and Liver Fibrosis. <i>ACS Nano</i> , 2020, 14, 6878-6886.	14.6	33
29	Apoptosis Through Targeted Activation of Caspase8 (–ATTAC-mice): Novel Mouse Models of Inducible and Reversible Tissue Ablation. <i>Cell Cycle</i> , 2005, 4, 1141-1145.	2.6	28
30	TAZ-induced Cybb contributes to liver tumor formation in non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2022, 76, 910-920.	3.7	27
31	Metformin Is Associated With a Lower Risk of Atrial Fibrillation and Ventricular Arrhythmias Compared With Sulfonylureas. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009115.	4.8	26
32	Degradation of PHLPP2 by KCTD17, via a Glucagon-Dependent Pathway, Promotes Hepatic Steatosis. <i>Gastroenterology</i> , 2017, 153, 1568-1580.e10.	1.3	25
33	Diabetic ketoacidosis and mortality in COVID-19 infection. <i>Diabetes and Metabolism</i> , 2021, 47, 101267.	2.9	25
34	Inhibition of PU.1 ameliorates metabolic dysfunction and non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2020, 73, 361-370.	3.7	24
35	Hepatic SirT1-Dependent Gain of Function of Stearoyl-CoA Desaturase-1 Conveys Dysmetabolic and Tumor Progression Functions. <i>Cell Reports</i> , 2015, 11, 1797-1808.	6.4	21
36	Dietary Saturated Fat Promotes Arrhythmia by Activating NOX2 (NADPH Oxidase 2). <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007573.	4.8	21

#	ARTICLE	IF	CITATIONS
37	Pathophysiology of drug induced weight and metabolic effects: findings from an RCT in healthy volunteers treated with olanzapine, iloperidone, or placebo. <i>Journal of Psychopharmacology</i> , 2018, 32, 533-540.	4.0	19
38	Î³-Secretase Inhibition Lowers Plasma Triglyceride-Rich Lipoproteins by Stabilizing the LDL Receptor. <i>Cell Metabolism</i> , 2018, 27, 816-827.e4.	16.2	18
39	Adipocyte-specific blockade of gamma-secretase, but not inhibition of Notch activity, reduces adipose insulin sensitivity. <i>Molecular Metabolism</i> , 2016, 5, 113-121.	6.5	17
40	Adipocyte PHLPP2 inhibition prevents obesity-induced fatty liver. <i>Nature Communications</i> , 2021, 12, 1822.	12.8	17
41	Zonation in NASH – A key paradigm for understanding pathophysiology and clinical outcomes. <i>Liver International</i> , 2021, 41, 2534-2546.	3.9	16
42	Angiotensin converting enzyme 2 is a novel target of the Î³-secretase complex. <i>Scientific Reports</i> , 2021, 11, 9803.	3.3	13
43	TOX4, an insulin receptor-independent regulator of hepatic glucose production, is activated in diabetic liver. <i>Cell Metabolism</i> , 2022, 34, 158-170.e5.	16.2	13
44	Calcitonin-Secreting Pancreatic Neuroendocrine Tumors: A Case Report and Review of the Literature. <i>Endocrine Practice</i> , 2014, 20, e140-e144.	2.1	12
45	MafA Regulation in Î²-Cells: From Transcriptional to Post-Translational Mechanisms. <i>Biomolecules</i> , 2022, 12, 535.	4.0	11
46	A genetic hypothesis for burnt-out steatohepatitis. <i>Liver International</i> , 2021, 41, 2816-2818.	3.9	8
47	Liver-selective Î³-secretase inhibition ameliorates diet-induced hepatic steatosis, dyslipidemia and atherosclerosis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 979-984.	2.1	7
48	Notch-mediated Ephrin signaling disrupts islet architecture and Î² cell function. <i>JCI Insight</i> , 2022, 7, .	5.0	5
49	Diabetes Insipidus Associated with Hemophagocytic Lymphohistiocytosis: First Case Report. <i>Endocrine Practice</i> , 2011, 17, e118-e122.	2.1	4
50	Hypoglycemia Secondary to Sulfonylurea Ingestion in a Patient with End Stage Renal Disease: Results from a 72-Hour Fast. <i>Case Reports in Endocrinology</i> , 2015, 2015, 1-4.	0.4	2
51	“Free-Raptor” a novel regulator of metabolism. <i>Cell Cycle</i> , 2016, 15, 1174-1175.	2.6	2
52	An Ultradian Notch in Beta-Cell Development. <i>New England Journal of Medicine</i> , 2020, 383, 80-82.	27.0	1
53	Inhibition of Î³-secretase in adipocytes leads to altered IL-6 secretion and adipose inflammation. <i>Adipocyte</i> , 2020, 9, 326-335.	2.8	1
54	MTOR and Beta Cell Adaptation in T2D. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1466-e1467.	3.6	1

#	ARTICLE	IF	CITATIONS
55	Life-Threatening Hyponatremia Following a Low-Iodine Diet: A Case Report and Review of all Reported Cases Report and Review of all Reported Cases. Endocrine Practice, 2011, 17, 766-767.	2.1	1