Jean-FranÃ§ois Tanti

List of Publications by Year
in descending order

67 papers	12,603 citations	101384 36 h-index	102304 66 g-index
71 all docs	71 docs citations	71 times ranked	21380 citing authors

#	Article	IF	Citations
1	TNFÎ± Mediates Inflammation-Induced Effects on PPARG Splicing in Adipose Tissue and Mesenchymal Precursor Cells. Cells, 2022, 11, 42.	1.8	6
2	TAXOMET: A French Prospective Multicentric Randomized Phase II Study of Docetaxel Plus Metformin Versus Docetaxel Plus Placebo in Metastatic Castration-Resistant Prostate Cancer. Clinical Genitourinary Cancer, 2021, 19, 501-509.	0.9	18
3	REDD1 deficiency protects against nonalcoholic hepatic steatosis induced by highâ€fat diet. FASEB Journal, 2020, 34, 5046-5060.	0.2	13
4	PGC1Î± Inhibits Polyamine Synthesis to Suppress Prostate Cancer Aggressiveness. Cancer Research, 2019, 79, 3268-3280.	0.4	27
5	Circulating Levels of Soluble Dipeptidyl Peptidase-4 Are Dissociated from Inflammation and Induced by Enzymatic DPP4 Inhibition. Cell Metabolism, 2019, 29, 320-334.e5.	7.2	99
6	Rab4b Deficiency in T Cells Promotes Adipose Treg/Th17 Imbalance, Adipose Tissue Dysfunction, and Insulin Resistance. Cell Reports, 2018, 25, 3329-3341.e5.	2.9	27
7	Transfer of dysbiotic gut microbiota has beneficial effects on host liver metabolism. Molecular Systems Biology, 2017, 13, 921.	3.2	43
8	ERK1 is dispensable for mouse pancreatic beta cell function but is necessary for glucose-induced full activation of MSK1 and CREB. Diabetologia, 2017, 60, 1999-2010.	2.9	21
9	Implication of REDD1 in the activation of inflammatory pathways. Scientific Reports, 2017, 7, 7023.	1.6	40
10	The energy disruptor metformin targets mitochondrial integrity via modification of calcium flux in cancer cells. Scientific Reports, 2017, 7, 5040.	1.6	47
11	Sirtuin 7: a new marker of aggressiveness in prostate cancer. Oncotarget, 2017, 8, 77309-77316.	0.8	24
12	DNA Damage and the Activation of the p53 Pathway Mediate Alterations in Metabolic and Secretory Functions of Adipocytes. Diabetes, 2016, 65, 3062-3074.	0.3	92
13	The Tpl2 Kinase Regulates the COX-2/Prostaglandin E2 Axis in Adipocytes in Inflammatory Conditions. Molecular Endocrinology, 2015, 29, 1025-1036.	3.7	11
14	Maintenance of Macrophage Redox Status by ChREBP Limits Inflammation and Apoptosis and Protects against Advanced Atherosclerotic Lesion Formation. Cell Reports, 2015, 13, 132-144.	2.9	32
15	Hypoxia Inhibits Cavin-1 and Cavin-2 Expression and Down-Regulates Caveolae in Adipocytes. Endocrinology, 2015, 156, 789-801.	1.4	28
16	Inhibition of the GTPase Rac1 Mediates the Antimigratory Effects of Metformin in Prostate Cancer Cells. Molecular Cancer Therapeutics, 2015, 14, 586-596.	1.9	38
17	Metformin-induced energy deficiency leads to the inhibition of lipogenesis in prostate cancer cells. Oncotarget, 2015, 6, 15652-15661.	0.8	45
18	Implication of the Tpl2 Kinase in Inflammatory Changes and Insulin Resistance Induced by the Interaction Between Adipocytes and Macrophages. Endocrinology, 2014, 155, 951-964.	1.4	18

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19	Rab4b controls an early endosome sorting event by interacting with the Î³ subunit of the clathrin adaptor complex 1. Journal of Cell Science, 2013, 126, 4950-62.	1.2	24
20	Sestrin2 integrates Akt and mTOR signaling to protect cells against energetic stress-induced death. Cell Death and Differentiation, 2013, 20, 611-619.	5.0	137
21	Impact of Proinflammatory Cytokines on Adipocyte Insulin Signaling. , 2013, , 297-315.		0
22	Caloric restriction modulates Mcl-1 expression and sensitizes lymphomas to BH3 mimetic in mice. Blood, 2013, 122, 2402-2411.	0.6	45
23	Prevention of Mutagenesis: New Potential Mechanisms of Metformin Action in Neoplastic Cells. Cancer Prevention Research, 2012, 5, 503-506.	0.7	9
24	Metformin and cancer therapy. Current Opinion in Oncology, 2012, 24, 103-108.	1.1	77
25	Adipose Tissue MicroRNAs as Regulators of CCL2 Production in Human Obesity. Diabetes, 2012, 61, 1986-1993.	0.3	263
26	Implication of inflammatory signaling pathways in obesity-induced insulin resistance. Frontiers in Endocrinology, 2012, 3, 181.	1.5	147
27	Regulated in Development and DNA Damage Responses -1 (REDD1) Protein Contributes to Insulin Signaling Pathway in Adipocytes. PLoS ONE, 2012, 7, e52154.	1.1	34
28	Metformin, Independent of AMPK, Induces mTOR Inhibition and Cell-Cycle Arrest through REDD1. Cancer Research, 2011, 71, 4366-4372.	0.4	545
29	Deficiency in the extracellular signal-regulated kinase 1 (ERK1) protects leptin-deficient mice from insulin resistance without affecting obesity. Diabetologia, 2011, 54, 180-189.	2.9	70
30	Insulin Induces REDD1 Expression through Hypoxia-inducible Factor 1 Activation in Adipocytes. Journal of Biological Chemistry, 2010, 285, 5157-5164.	1.6	47
31	Tpl2 Kinase Is Upregulated in Adipose Tissue in Obesity and May Mediate Interleukin-1Î² and Tumor Necrosis Factor-Î± Effects on Extracellular Signalâ€“Regulated Kinase Activation and Lipolysis. Diabetes, 2010, 59, 61-70.	0.3	60
32	Apelin and APJ regulation in adipose tissue and skeletal muscle of type 2 diabetic mice and humans. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E1161-E1169.	1.8	126
33	Targeting Cancer Cell Metabolism: The Combination of Metformin and 2-Deoxyglucose Induces p53-Dependent Apoptosis in Prostate Cancer Cells. Cancer Research, 2010, 70, 2465-2475.	0.4	465
34	Metformin in Cancer Therapy: A New Perspective for an Old Antidiabetic Drug?. Molecular Cancer Therapeutics, 2010, 9, 1092-1099.	1.9	444
35	Muscle inactivation of mTOR causes metabolic and dystrophin defects leading to severe myopathy. Journal of Cell Biology, 2009, 187, 859-874.	2.3	320
36	Hypoxia Decreases Insulin Signaling Pathways in Adipocytes. Diabetes, 2009, 58, 95-103.	0.3	246

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37	Cellular mechanisms of insulin resistance: role of stress-regulated serine kinases and insulin receptor substrates (IRS) serine phosphorylation. Current Opinion in Pharmacology, 2009, 9, 753-762.	1.7	350
38	Muscle inactivation of mTOR causes metabolic and dystrophin defects leading to severe myopathy. Journal of Experimental Medicine, 2009, 206, i33-i33.	4.2	0
39	The antidiabetic drug metformin exerts an antitumoral effect in vitro and in vivo through a decrease of cyclin D1 level. Oncogene, 2008, 27, 3576-3586.	2.6	775
40	Hepatocyte Growth Factor Induces Glucose Uptake in 3T3-L1 Adipocytes through A Gab1/Phosphatidylinositol 3-Kinase/Glut4 Pathway. Journal of Biological Chemistry, 2007, 282, 10325-10332.	1.6	36
41	Metabolic Endotoxemia Initiates Obesity and Insulin Resistance. Diabetes, 2007, 56, 1761-1772.	0.3	4,964
42	p38MAP Kinase activity is required for human primary adipocyte differentiation. FEBS Letters, 2007, 581, 5591-5596.	1.3	72
43	Osmotic Regulation of Cellular Glucose Uptake. Methods in Enzymology, 2007, 428, 343-354.	0.4	2
44	Interleukin-1Î²-Induced Insulin Resistance in Adipocytes through Down-Regulation of Insulin Receptor Substrate-1 Expression. Endocrinology, 2007, 148, 241-251.	1.4	587
45	Enigma Interacts with Adaptor Protein with PH and SH2 Domains to Control Insulin-Induced Actin Cytoskeleton Remodeling and Glucose Transporter 4 Translocation. Molecular Endocrinology, 2006, 20, 2864-2875.	3.7	25
46	Essential Role of Chicken Ovalbumin Upstream Promoter-Transcription Factor II in Insulin Secretion and Insulin Sensitivity Revealed by Conditional Gene Knockout. Diabetes, 2005, 54, 1357-1363.	0.3	42
47	The interaction between the adaptor protein APS and Enigma is involved in actin organisation. Experimental Cell Research, 2005, 308, 334-344.	1.2	22
48	Positive and negative regulation of insulin signaling through IRS-1 phosphorylation. Biochimie, 2005, 87, 99-109.	1.3	742
49	Reduced Activation of Phosphatidylinositol-3 Kinase and Increased Serine 636 Phosphorylation of Insulin Receptor Substrate-1 in Primary Culture of Skeletal Muscle Cells From Patients With Type 2 Diabetes. Diabetes, 2003, 52, 1319-1325.	0.3	262
50	Hyperosmotic Stress Inhibits Insulin Receptor Substrate-1 Function by Distinct Mechanisms in 3T3-L1 Adipocytes. Journal of Biological Chemistry, 2003, 278, 26550-26557.	1.6	68
51	A Crk-II/TC10 Signaling Pathway Is Required For Osmotic Shock-stimulated Glucose Transport. Journal of Biological Chemistry, 2002, 277, 43980-43986.	1.6	28
52	Assays of Glucose Entry, Glucose Transporter. , 2001, 155, 157-165.		13
53	The lipid phosphatase SHIP2 controls insulin sensitivity. Nature, 2001, 409, 92-97.	13.7	355
54	Peroxovanadate induces tyrosine phosphorylation of phosphoinositide-dependent protein kinase-1. FEBS Journal, 2000, 267, 6642-6649.	0.2	46

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55	Potential role of 3-phosphoinositide-dependent protein kinase 1 (PDK1) in insulin-stimulated glucose transporter 4 translocation in adipocytes. FEBS Letters, 1999, 461, 277-279.	1.3	12
56	Cross-talk between the Platelet-derived Growth Factor and the Insulin Signaling Pathways in 3T3-L1 Adipocytes. Journal of Biological Chemistry, 1997, 272, 19814-19818.	1.6	47
57	Characterization of 6-deoxy-6-iodo-D-glucose: A potential new tool to assess glucose transport. Nuclear Medicine and Biology, 1997, 24, 99-104.	0.3	17
58	Different Effects of Insulin and Platelet-Derived Growth Factor on Phosphatidylinositol 3-Kinase at the Subcellular Level in 3T3-L1 Adipocytes. A Possible Explanation for Their Specific Effects on Glucose Transport. FEBS Journal, 1996, 239, 17-22.	0.2	88
59	Overexpression of a Constitutively Active Form of Phosphatidylinositol 3-Kinase Is Sufficient to Promote Glut 4 Translocation in Adipocytes. Journal of Biological Chemistry, 1996, 271, 25227-25232.	1.6	141
60	Rab4 is phosphorylated by the insulin-activated extracellular-signal-regulated kinase ERK1. FEBS Journal, 1994, 219, 1081-1085.	0.2	33
61	Expression of guanine-nucleotide-binding proteins in lean and obese insulin-resistant mice. Molecular and Cellular Endocrinology, 1994, 99, 169-176.	1.6	1
62	Parallel changes in Glut 4 and Rab4 movements in two insulin-resistant states. FEBS Letters, 1994, 347, 42-44.	1.3	18
63	Polymxin B inhibits insulin-induced glucose transporter and IGF II receptor translocation in isolated adipocytes. FEBS Journal, 1992, 207, 185-193.	0.2	12
64	Isolation and characterization of A T lymphocyte mutant defective in the protein kinase C signal transduction pathway. Molecular Immunology, 1991, 28, 921-929.	1.0	2
65	Subcellular Distribution of Low Molecular Weight Guanosine Triphosphate-Binding Proteins in Adipocytes: Colocalization with the Glucose Transporter Glut 4*. Endocrinology, 1991, 129, 3343-3350.	1.4	54
66	Glucose Transporter in Insulin Sensitive Tissues of Lean and Obese Mice. Effect of the Thermogenic Agent BRL 26830A*. Endocrinology, 1990, 127, 2687-2695.	1.4	81
67	Alteration of insulin receptor kinase in obese, insulin-resistant mice. Biochimie, 1987, 69, 387-393.	1.3	10