Giovanni Solinas

List of Publications by Year
in descending order

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40	4,069	236612	288905
papers	citations	25 h-index	40 g-index

40	40	40	6810
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The E3 Ubiquitin Ligase Itch Couples JNK Activation to TNFÎ±-induced Cell Death by Inducing c-FLIPL Turnover. Cell, 2006, 124, 601-613.	13.5	679
2	JNK1 in Hematopoietically Derived Cells Contributes to Diet-Induced Inflammation and Insulin Resistance without Affecting Obesity. Cell Metabolism, 2007, 6, 386-397.	7.2	460
3	Functional in vivo interactions between JNK1 and JNK2 isoforms in obesity and insulin resistance. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10741-10746.	3.3	313
4	JNK1 and IKKÎ²: molecular links between obesity and metabolic dysfunction. FASEB Journal, 2010, 24, 2596-2611.	0.2	295
5	JNK at the crossroad of obesity, insulin resistance, and cell stress response. Molecular Metabolism, 2017, 6, 174-184.	3.0	284
6	Saturated Fatty Acids Induce c-Src Clustering within Membrane Subdomains, Leading to JNK Activation. Cell, 2011, 147, 173-184.	13.5	241
7	Saturated fatty acids inhibit induction of insulin gene transcription by JNK-mediated phosphorylation of insulin-receptor substrates. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16454-16459.	3.3	240
8	Body composition phenotypes in pathways to obesity and the metabolic syndrome. International Journal of Obesity, 2010, 34, S4-S17.	1.6	208
9	Identification of a new JNK inhibitor targeting the JNK-JIP interaction site. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16809-16813.	3.3	174
10	De novo lipogenesis in metabolic homeostasis: More friend than foe?. Molecular Metabolism, 2015, 4, 367-377.	3.0	144
11	The direct effect of leptin on skeletal muscle thermogenesis is mediated by substrate cycling between de novo lipogenesis and lipid oxidation. FEBS Letters, 2004, 577, 539-544.	1.3	95
12	Leptin directly stimulates thermogenesis in skeletal muscle. FEBS Letters, 2002, 515, 109-113.	1.3	74
13	Substrate cycling between de novo lipogenesis and lipid oxidation: a thermogenic mechanism against skeletal muscle lipotoxicity and glucolipotoxicity. International Journal of Obesity, 2004, 28, S29-S37.	1.6	73
14	Obesity promotes the expansion of metastasis-initiating cells in breast cancer. Breast Cancer Research, 2018, 20, 104.	2.2	68
15	PER2 promotes glucose storage to liver glycogen during feeding and acute fasting by inducing Gys2 PTG and GL expression. Molecular Metabolism, 2013, 2, 292-305.	3.0	58
16	Insulin-Driven PI3K-AKT Signaling in the Hepatocyte Is Mediated by Redundant PI3KÎ± and PI3KÎ²2 Activities and Is Promoted by RAS. Cell Metabolism, 2019, 29, 1400-1409.e5.	7.2	57
17	PI3KÎ³ within a nonhematopoietic cell type negatively regulates diet-induced thermogenesis and promotes obesity and insulin resistance. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E854-63.	3.3	55
18	Hyperinsulinemia and insulin resistance in the obese may develop as part of a homeostatic response to elevated free fatty acids: A mechanistic case-control and a population-based cohort study. EBioMedicine, 2021, 65, 103264.	2.7	51

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19	Thrifty metabolism that favors fat storage after caloric restriction: a role for skeletal muscle phosphatidylinositolâ€3â€kinase activity and AMPâ€activated protein kinase. FASEB Journal, 2008, 22, 774-785.	0.2	49
20	MBOAT7 is anchored to endomembranes by six transmembrane domains. Journal of Structural Biology, 2019, 206, 349-360.	1.3	48
21	Corticotropin-Releasing Hormone Directly Stimulates Thermogenesis in Skeletal Muscle Possibly through Substrate Cycling between de Novo Lipogenesis and Lipid Oxidation. Endocrinology, 2006, 147, 31-38.	1.4	44
22	A Role for Adipose Tissue De Novo Lipogenesis in Glucose Homeostasis During Catch-up Growth. Diabetes, 2013, 62, 362-372.	0.3	43
23	Adipose Tissue Plasticity During Catch-Up Fat Driven by Thrifty Metabolism: Relevance for Muscle-Adipose Glucose Redistribution During Catch-Up Growth. Diabetes, 2009, 58, 2228-2237.	0.3	38
24	High Identification Rates of Endogenous Neuropeptides from Mouse Brain. Journal of Proteome Research, 2012, 11, 2819-2827.	1.8	36
25	PI3KÎ³ activity in leukocytes promotes adipose tissue inflammation and early-onset insulin resistance during obesity. Science Signaling, 2017, 10, .	1.6	29
26	Maturation and translation mechanisms involved in the expression of a myb gene of rice. Plant Molecular Biology, 1997, 35, 1003-1008.	2.0	28
27	Role of JNK activation in pancreatic Î²-cell death by streptozotocin. Molecular and Cellular Endocrinology, 2010, 321, 131-137.	1.6	24
28	Inhibition of phosphoinositide 3â€kinase Î³ attenuates inflammation, obesity, and cardiovascular risk factors. Annals of the New York Academy of Sciences, 2013, 1280, 44-47.	1.8	21
29	Insulin signaling and glucose metabolism in different hepatoma cell lines deviate from hepatocyte physiology toward a convergent aberrant phenotype. Scientific Reports, 2020, 10, 12031.	1.6	20
30	Genome-wide multi-omics profiling of the 8p11-p12 amplicon in breast carcinoma. Oncotarget, 2018, 9, 24140-24154.	0.8	19
31	Skeletal muscle mitochondrial efficiency and uncoupling protein 3 in overeating rats with increased thermogenesis. Pflugers Archiv European Journal of Physiology, 2002, 445, 431-436.	1.3	18
32	Molecular pathways linking metabolic inflammation and thermogenesis. Obesity Reviews, 2012, 13, 69-82.	3.1	18
33	Skeletal muscle mitochondrial oxidative capacity and uncoupling protein 3 are differently influenced by semistarvation and refeeding. FEBS Letters, 2003, 544, 138-142.	1.3	17
34	JNK1 ablation in mice confers longâ€term metabolic protection from dietâ€induced obesity at the cost of moderate skin oxidative damage. FASEB Journal, 2016, 30, 3124-3132.	0.2	11
35	PI3KÎ³ ablation does not promote diabetes in db/db mice, but improves insulin sensitivity and reduces pancreatic Î²â€cell apoptosis. FASEB Journal, 2018, 32, 319-329.	0.2	11
36	The role of PI3KÎ³ in metabolism and macrophage activation. Oncotarget, 2017, 8, 106145-106146.	0.8	11

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37	PI3KÎ³ promotes obesity-associated hepatocellular carcinoma by regulating metabolism and inflammation. JHEP Reports, 2021, 3, 100359.	2.6	6
38	JNK1 ablation improves pancreatic Î²â€cell mass and function in db/db diabetic mice without affecting insulin sensitivity and adipose tissue inflammation. FASEB BioAdvances, 2021, 3, 94-107.	1.3	5
39	Nonradioactive Multi-Sample Protein-Protein Interaction Assay Using an Epitope Tagging Technique. BioTechniques, 1999, 26, 246-249.	0.8	2
40	Leptin Signalling Coordinates Lipid Oxidation with Thermogenesis and Defence Against Oxidative Stress. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 953-954.	0.9	2