

Olga Goransson

List of Publications by Year in descending order

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53
papers

4,225
citations

201674

27
h-index

168389

53
g-index

53
all docs

53
docs citations

53
times ranked

6744
citing authors

#	ARTICLE	IF	CITATIONS
1	LKB1 is a master kinase that activates 13 kinases of the AMPK subfamily, including MARK/PAR-1. <i>EMBO Journal</i> , 2004, 23, 833-843.	7.8	1,201
2	Mechanism of Action of A-769662, a Valuable Tool for Activation of AMP-activated Protein Kinase. <i>Journal of Biological Chemistry</i> , 2007, 282, 32549-32560.	3.4	376
3	AMPK β 1 Regulates Macrophage Skewing at the Time of Resolution of Inflammation during Skeletal Muscle Regeneration. <i>Cell Metabolism</i> , 2013, 18, 251-264.	16.2	375
4	Activity of LKB1 and AMPK-related kinases in skeletal muscle: effects of contraction, phenformin, and AICAR. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 287, E310-E317.	3.5	273
5	Regulation of AMP-activated protein kinase by cAMP in adipocytes: Roles for phosphodiesterases, protein kinase B, protein kinase A, Epac and lipolysis. <i>Cellular Signalling</i> , 2009, 21, 760-766.	3.6	132
6	The LKB1-salt-inducible kinase pathway functions as a key gluconeogenic suppressor in the liver. <i>Nature Communications</i> , 2014, 5, 4535.	12.8	131
7	Protein phosphatase 2A is the main phosphatase involved in the regulation of protein kinase B in rat adipocytes. <i>Cellular Signalling</i> , 2002, 14, 231-238.	3.6	124
8	SIKs control osteocyte responses to parathyroid hormone. <i>Nature Communications</i> , 2016, 7, 13176.	12.8	124
9	Protein kinase B activity is required for the effects of insulin on lipid metabolism in adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E635-E646.	3.5	101
10	Use of Akt Inhibitor and a Drug-resistant Mutant Validates a Critical Role for Protein Kinase B/Akt in the Insulin-dependent Regulation of Glucose and System A Amino Acid Uptake. <i>Journal of Biological Chemistry</i> , 2008, 283, 27653-27667.	3.4	96
11	14-3-3 cooperates with LKB1 to regulate the activity and localization of QSK and SIK. <i>Journal of Cell Science</i> , 2005, 118, 5661-5673.	2.0	94
12	GFAT1 phosphorylation by AMPK promotes VEGF-induced angiogenesis. <i>Biochemical Journal</i> , 2017, 474, 983-1001.	3.7	84
13	Salt-inducible kinase 2 regulates CRTCs, HDAC4 and glucose uptake in adipocytes. <i>Journal of Cell Science</i> , 2015, 128, 472-86.	2.0	71
14	Regulation of AMP-activated protein kinase by LKB1 and CaMKK in adipocytes. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 1364-1375.	2.6	68
15	The Salt-Inducible Kinases: Emerging Metabolic Regulators. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 827-840.	7.1	67
16	Parathyroid hormone induces adipocyte lipolysis via PKA-mediated phosphorylation of hormone-sensitive lipase. <i>Cellular Signalling</i> , 2016, 28, 204-213.	3.6	62
17	Regulation of the polarity kinases PAR-1/MARK by 14-3-3 interaction and phosphorylation. <i>Journal of Cell Science</i> , 2006, 119, 4059-4070.	2.0	61
18	The AMPK-related kinase SIK2 is regulated by cAMP via phosphorylation at Ser358 in adipocytes. <i>Biochemical Journal</i> , 2012, 444, 503-514.	3.7	60

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19	Adipocyte-Specific Protein Tyrosine Phosphatase 1B Deletion Increases Lipogenesis, Adipocyte Cell Size and Is a Minor Regulator of Glucose Homeostasis. <i>PLoS ONE</i> , 2012, 7, e32700.	2.5	54
20	Single injections of apoA-I acutely improve in vivo glucose tolerance in insulin-resistant mice. <i>Diabetologia</i> , 2014, 57, 797-800.	6.3	53
21	Survival of pancreatic beta cells is partly controlled by a TCF7L2-p53-p53INP1-dependent pathway. <i>Human Molecular Genetics</i> , 2012, 21, 196-207.	2.9	52
22	Transcriptional regulation of the miR-212/miR-132 cluster in insulin-secreting β -cells by cAMP-regulated transcriptional co-activator 1 and salt-inducible kinases. <i>Molecular and Cellular Endocrinology</i> , 2016, 424, 23-33.	3.2	46
23	Visualization of lipid directed dynamics of perilipin 1 in human primary adipocytes. <i>Scientific Reports</i> , 2017, 7, 15011.	3.3	37
24	cAMP-elevation mediated by β -adrenergic stimulation inhibits salt-inducible kinase (SIK) 3 activity in adipocytes. <i>Cellular Signalling</i> , 2012, 24, 1863-1871.	3.6	34
25	Stretch-Sensitive Down-Regulation of the miR-144/451 Cluster in Vascular Smooth Muscle and Its Role in AMP-Activated Protein Kinase Signaling. <i>PLoS ONE</i> , 2013, 8, e65135.	2.5	33
26	Insulin-Induced Translocation of Protein Kinase B to the Plasma Membrane in Rat Adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 1998, 246, 249-254.	2.1	31
27	Salt-inducible kinase 2 and -3 are downregulated in adipose tissue from obese or insulin-resistant individuals: implications for insulin signalling and glucose uptake in human adipocytes. <i>Diabetologia</i> , 2017, 60, 314-323.	6.3	31
28	Cocaine- and Amphetamine-regulated Transcript (CART) Protects Beta Cells against Glucotoxicity and Increases Cell Proliferation. <i>Journal of Biological Chemistry</i> , 2013, 288, 3208-3218.	3.4	30
29	Investigation of the specificity and mechanism of action of the ULK1/AMPK inhibitor SBI-0206965. <i>Biochemical Journal</i> , 2021, 478, 2977-2997.	3.7	26
30	ApoA-I Milano stimulates lipolysis in adipose cells independently of cAMP/PKA activation. <i>Journal of Lipid Research</i> , 2015, 56, 2248-2259.	4.2	23
31	EHD2 regulates adipocyte function and is enriched at cell surface-associated lipid droplets in primary human adipocytes. <i>Molecular Biology of the Cell</i> , 2019, 30, 1147-1159.	2.1	23
32	LKB1 signalling attenuates early events of adipogenesis and responds to adipogenic cues. <i>Journal of Molecular Endocrinology</i> , 2014, 53, 117-130.	2.5	22
33	Intact glucose uptake despite deteriorating signaling in adipocytes with high-fat feeding. <i>Journal of Molecular Endocrinology</i> , 2018, 60, 199-211.	2.5	22
34	Detrusor Induction of miR-132/212 following Bladder Outlet Obstruction: Association with MeCP2 Repression and Cell Viability. <i>PLoS ONE</i> , 2015, 10, e0116784.	2.5	20
35	Chemical genetic screen identifies Gapex-5/GAPVD1 and STBD1 as novel AMPK substrates. <i>Cellular Signalling</i> , 2019, 57, 45-57.	3.6	18
36	Effect of single-dose DPP-4 inhibitor sitagliptin on β -cell function and incretin hormone secretion after meal ingestion in healthy volunteers and drug-naïve, well-controlled type 2 diabetes subjects. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1080-1085.	4.4	16

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37	AMPK activation by A-769662 and 991 does not affect catecholamine-induced lipolysis in human adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E1075-E1085.	3.5	16
38	Rose hip exerts antidiabetic effects via a mechanism involving downregulation of the hepatic lipogenic program. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E111-E121.	3.5	15
39	HMGB1 binds to the rs7903146 locus in TCF7L2 in human pancreatic islets. <i>Molecular and Cellular Endocrinology</i> , 2016, 430, 138-145.	3.2	14
40	Comparable Initial Engagement of Intracellular Signaling Pathways by Parathyroid Hormone Receptor Ligands Teriparatide, Abaloparatide, and Long-Acting PTH. <i>JBMR Plus</i> , 2021, 5, e10441.	2.7	13
41	Identification of New Signaling Components in the Sensory Epithelium of Human Sacculae. <i>Frontiers in Neurology</i> , 2011, 2, 48.	2.4	12
42	Inner ear is a target for insulin signaling and insulin resistance: evidence from mice and auditory HEI-OC1 cells. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e000820.	2.8	10
43	Rosiglitazone drives cavin-2/SDPR expression in adipocytes in a CEBP β -dependent manner. <i>PLoS ONE</i> , 2017, 12, e0173412.	2.5	10
44	Persistent whole day meal effects of three dipeptidyl peptidase-4 inhibitors on glycaemia and hormonal responses in metformin-treated type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 590-598.	4.4	9
45	Knockout of the radical scavenger α -1-microglobulin in mice results in defective bikunin synthesis, endoplasmic reticulum stress and increased body weight. <i>Free Radical Biology and Medicine</i> , 2021, 162, 160-170.	2.9	9
46	A-769662 inhibits adipocyte glucose uptake in an AMPK-independent manner. <i>Biochemical Journal</i> , 2021, 478, 633-646.	3.7	9
47	Ser-474 is the major target of insulin-mediated phosphorylation of protein kinase B β in primary rat adipocytes. <i>Cellular Signalling</i> , 2002, 14, 175-182.	3.6	7
48	JUP/plakoglobin is regulated by salt-inducible kinase 2, and is required for insulin-induced signalling and glucose uptake in adipocytes. <i>Cellular Signalling</i> , 2020, 76, 109786.	3.6	7
49	Salt-inducible kinase 2 regulates TFEB and is required for autophagic flux in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 775-779.	2.1	5
50	Inhibition of AMPK activity in response to insulin in adipocytes: involvement of AMPK pS485, PDEs, and cellular energy levels. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E459-E471.	3.5	5
51	Differential DNA Methylation and Expression of miRNAs in Adipose Tissue From Twin Pairs Discordant for Type 2 Diabetes. <i>Diabetes</i> , 2021, 70, 2402-2418.	0.6	5
52	Dimethylaminopurine inhibits metabolic effects of insulin in primary adipocytes. <i>Journal of Nutritional Biochemistry</i> , 2004, 15, 303-312.	4.2	4
53	Insulin induces Thr484 phosphorylation and stabilization of SIK2 in adipocytes. <i>Cellular Signalling</i> , 2019, 55, 73-80.	3.6	4