Silvia Mora

List of Publications by Year
in descending order

33 papers	2,288 citations	279487 23 h-index	454577 30 g-index
33 all docs	33 docs citations	33 times ranked	2821 citing authors

#	Article	IF	Citations
1	CAP defines a second signalling pathway required for insulin-stimulated glucose transport. Nature, 2000, 407, 202-207.	13.7	621
2	Lipid raft microdomain compartmentalization of TC10 is required for insulin signaling and GLUT4 translocation. Journal of Cell Biology, 2001, 154, 829-840.	2.3	152
3	An adipocentric view of signaling and intracellular trafficking. Diabetes/Metabolism Research and Reviews, 2002, 18, 345-356.	1.7	147
4	Rab4 affects both recycling and degradative endosomal trafficking. FEBS Letters, 2001, 495, 21-30.	1.3	141
5	The Insulin Receptor Catalyzes the Tyrosine Phosphorylation of Caveolin-1. Journal of Biological Chemistry, 2002, 277, 30153-30158.	1.6	104
6	Syntaxin 4 heterozygous knockout mice develop muscle insulin resistance. Journal of Clinical Investigation, 2001, 107, 1311-1318.	3.9	98
7	The MEF2A Isoform Is Required for Striated Muscle-specific Expression of the Insulin-responsive GLUT4 Glucose Transporter. Journal of Biological Chemistry, 2000, 275, 16323-16328.	1.6	97
8	Insulin Signaling Regulates Fatty Acid Catabolism at the Level of CoA Activation. PLoS Genetics, 2012, 8, e1002478.	1.5	93
9	VAMP3 Null Mice Display Normal Constitutive, Insulin- and Exercise-Regulated Vesicle Trafficking. Molecular and Cellular Biology, 2001, 21, 1573-1580.	1.1	87
10	Atypical protein kinase C (PKCÎ¶/Î») is a convergent downstream target of the insulin-stimulated phosphatidylinositol 3-kinase and TC10 signaling pathways. Journal of Cell Biology, 2004, 164, 279-290.	2.3	82
11	Intracellular Trafficking and Secretion of Adiponectin Is Dependent on GGA-coated Vesicles. Journal of Biological Chemistry, 2006, 281, 7253-7259.	1.6	62
12	Adiponectin and leptin are secreted through distinct trafficking pathways in adipocytes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2008, 1782, 99-108.	1.8	62
13	Interactive Changes between Macrophages and Adipocytes. Vaccine Journal, 2010, 17, 651-659.	3.2	59
14	Extracellular Vesicles from Hypoxic Adipocytes and Obese Subjects Reduce Insulinâ€Stimulated Glucose Uptake. Molecular Nutrition and Food Research, 2018, 62, 1700917.	1.5	57
15	Expression and Insulin-regulated Distribution of Caveolin in Skeletal Muscle. Journal of Biological Chemistry, 1996, 271, 8133-8139.	1.6	55
16	Mitochondrial dysfunction in insulin resistance: differential contributions of chronic insulin and saturated fatty acid exposure in muscle cells. Bioscience Reports, 2012, 32, 465-478.	1.1	44
17	Glucose-dependent insulinotropic polypeptide promotes lipid deposition in subcutaneous adipocytes in obese type 2 diabetes patients: a maladaptive response. American Journal of Physiology - Endocrinology and Metabolism, 2017, 312, E224-E233.	1.8	41
18	Activation of the Cbl insulin signaling pathway in cardiac muscle; Dysregulation in obesity and diabetes. Biochemical and Biophysical Research Communications, 2006, 342, 751-757.	1.0	36

#	Article	IF	Citations
19	The MEF2A and MEF2D Isoforms Are Differentially Regulated in Muscle and Adipose Tissue during States of Insulin Deficiency*. Endocrinology, 2001, 142, 1999-2004.	1.4	34
20	NCS-1 Inhibits Insulin-stimulated GLUT4 Translocation in 3T3L1 Adipocytes through a Phosphatidylinositol 4-Kinase-dependent Pathway. Journal of Biological Chemistry, 2002, 277, 27494-27500.	1.6	28
21	Chronic High-Fat Feeding and Middle-Aging Reduce in an Additive Fashion Glut4 Expression in Skeletal Muscle and Adipose Tissue. Biochemical and Biophysical Research Communications, 1997, 235, 89-93.	1.0	27
22	Evaluation of macrophage plasticity in brown and white adipose tissue. Cellular Immunology, 2011, 271, 124-133.	1.4	24
23	Identification of Novel Type 2 Diabetes Candidate Genes Involved in the Crosstalk between the Mitochondrial and the Insulin Signaling Systems. PLoS Genetics, 2012, 8, e1003046.	1.5	23
24	The Rab11 Effector Protein FIP1 Regulates Adiponectin Trafficking and Secretion. PLoS ONE, 2013, 8, e74687.	1.1	23
25	Heterologous expression of rab4 reduces glucose transport and GLUT4 abundance at the cell surface in oocytes. Biochemical Journal, 1997, 324, 455-459.	1.7	22
26	Insulin and insulin-like growth factor I (IGF-I) stimulate GLUT4 glucose transporter translocation in <i>Xenopus</i> oocytes. Biochemical Journal, 1995, 311, 59-65.	1.7	21
27	Comparative and functional analysis of plasma membrane-derived extracellular vesicles from obese vs. nonobese women. Clinical Nutrition, 2020, 39, 1067-1076.	2.3	16
28	Hypoxia-induced HIF1Î± activation regulates small extracellular vesicle release in human embryonic kidney cells. Scientific Reports, 2022, 12, 1443.	1.6	16
29	Cbl downregulation increases RBP4 expression in adipocytes of female mice. Journal of Endocrinology, 2018, 236, 29-41.	1.2	7
30	The MEF2A and MEF2D Isoforms Are Differentially Regulated in Muscle and Adipose Tissue during States of Insulin Deficiency. , 0, .		7
31	Allostatic hypermetabolic response in PGC1Î±/Î² heterozygote mouse despite mitochondrial defects. FASEB Journal, 2021, 35, e21752.	0.2	2
32	P-42: Characterization of intracellular GLUT4 membrane populations in the muscle fiber. Caveolin does not colocalize with GLUT4 in intracellular membranes. Experimental and Clinical Endocrinology and Diabetes, 1996, 104, 107-108.	0.6	0
33	High insulin and saturated fatty acid exposure cause mitochondrial dysfunction via distinct mechanisms. FASEB Journal, 2011, 25, lb84.	0.2	0