Jacqueline StÃ¶ckli

List of Publications by Year
in descending order

42 papers	2,882 citations	236925 25 h-index	289244 40 g-index
42 all docs	42 docs citations	42 times ranked	4426 citing authors

#	Article	IF	Citations
1	Dynamic Adipocyte Phosphoproteome Reveals that Akt Directly Regulates mTORC2. Cell Metabolism, 2013, 17, 1009-1020.	16.2	352
2	Global Phosphoproteomic Analysis of Human Skeletal Muscle Reveals a Network of Exercise-Regulated Kinases and AMPK Substrates. Cell Metabolism, 2015, 22, 922-935.	16.2	333
3	Characterization of the Role of the Rab GTPase-activating Protein AS160 in Insulin-regulated GLUT4 Trafficking. Journal of Biological Chemistry, 2005, 280, 37803-37813.	3.4	330
4	GLUT4 exocytosis. Journal of Cell Science, 2011, 124, 4147-4159.	2.0	233
5	The aetiology and molecular landscape of insulin resistance. Nature Reviews Molecular Cell Biology, 2021, 22, 751-771.	37.0	221
6	A novel Rab10-EHBP1-EHD2 complex essential for the autophagic engulfment of lipid droplets. Science Advances, 2016, 2, e1601470.	10.3	115
7	Mitochondrial oxidative stress causes insulin resistance without disrupting oxidative phosphorylation. Journal of Biological Chemistry, 2018, 293, 7315-7328.	3.4	110
8	mTORC1 Is a Major Regulatory Node in the FGF21 Signaling Network in Adipocytes. Cell Reports, 2016, 17, 29-36.	6.4	88
9	Selective Insulin Resistance in Adipocytes. Journal of Biological Chemistry, 2015, 290, 11337-11348.	3.4	85
10	Kinetic Evidence for Unique Regulation of GLUT4 Trafficking by Insulin and AMP-activated Protein Kinase Activators in L6 Myotubes. Journal of Biological Chemistry, 2010, 285, 1653-1660.	3.4	67
11	High dietary fat and sucrose result in an extensive and time-dependent deterioration in health of multiple physiological systems in mice. Journal of Biological Chemistry, 2018, 293, 5731-5745.	3.4	65
12	Amplification and Demultiplexing in Insulin-regulated Akt Protein Kinase Pathway in Adipocytes. Journal of Biological Chemistry, 2012, 287, 6128-6138.	3.4	63
13	The RabGAP TBC1D1 Plays a Central Role in Exercise-Regulated Glucose Metabolism in Skeletal Muscle. Diabetes, 2015, 64, 1914-1922.	0.6	62
14	The Rab GTPase-Activating Protein TBC1D4/AS160 Contains an Atypical Phosphotyrosine-Binding Domain That Interacts with Plasma Membrane Phospholipids To Facilitate GLUT4 Trafficking in Adipocytes. Molecular and Cellular Biology, 2012, 32, 4946-4959.	2.3	58
15	Regulation of Glucose Transporter 4 Translocation by the Rab Guanosine Triphosphatase-Activating Protein AS160/TBC1D4: Role of Phosphorylation and Membrane Association. Molecular Endocrinology, 2008, 22, 2703-2715.	3.7	56
16	Phosphoproteomics reveals conserved exerciseâ€stimulated signaling and AMPK regulation of storeâ€operated calcium entry. EMBO Journal, 2019, 38, e102578.	7.8	54
17	Proteomic Analysis of GLUT4 Storage Vesicles Reveals Tumor Suppressor Candidate 5 (TUSC5) as a Novel Regulator of Insulin Action in Adipocytes. Journal of Biological Chemistry, 2015, 290, 23528-23542.	3.4	50
18	Kinome Screen Identifies PFKFB3 and Glucose Metabolism as Important Regulators of the Insulin/Insulin-like Growth Factor (IGF)-1 Signaling Pathway. Journal of Biological Chemistry, 2015, 290, 25834-25846.	3.4	50

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19	Cluster Analysis of Insulin Action in Adipocytes Reveals a Key Role for Akt at the Plasma Membrane. Journal of Biological Chemistry, 2010, 285, 2245-2257.	3.4	45
20	<scp>TBC1D13</scp> is a <scp>RAB35</scp> Specific <scp>GAP</scp> that Plays an Important Role in <scp>GLUT4</scp> Trafficking in Adipocytes. Traffic, 2012, 13, 1429-1441.	2.7	42
21	Insulin-Regulated Trafficking of GLUT4 Requires Ubiquitination. Traffic, 2010, 11, 1445-1454.	2.7	38
22	Metabolomic analysis of insulin resistance across different mouse strains and diets. Journal of Biological Chemistry, 2017, 292, 19135-19145.	3.4	36
23	Oligomeric resistin impairs insulin and AICAR-stimulated glucose uptake in mouse skeletal muscle by inhibiting GLUT4 translocation. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E57-E66.	3.5	34
24	DOC2 isoforms play dual roles in insulin secretion and insulin-stimulated glucose uptake. Diabetologia, 2014, 57, 2173-2182.	6.3	30
25	Systemic VEGF-A Neutralization Ameliorates Diet-Induced Metabolic Dysfunction. Diabetes, 2014, 63, 2656-2667.	0.6	29
26	Systems-level analysis of insulin action in mouse strains provides insight into tissue- and pathway-specific interactions that drive insulin resistance. Cell Metabolism, 2022, 34, 227-239.e6.	16.2	29
27	Tankyrase modulates insulin sensitivity in skeletal muscle cells by regulating the stability of GLUT4 vesicle proteins. Journal of Biological Chemistry, 2018, 293, 8578-8587.	3.4	28
28	ABHD15 regulates adipose tissue lipolysis and hepatic lipid accumulation. Molecular Metabolism, 2019, 25, 83-94.	6.5	22
29	PhosphOrtholog: a web-based tool for cross-species mapping of orthologous protein post-translational modifications. BMC Genomics, 2015, 16, 617.	2.8	20
30	Defining the protein and lipid constituents of tubular recycling endosomes. Journal of Biological Chemistry, 2021, 296, 100190.	3.4	19
31	The Acidic Cluster of the CK2 Site of the Cation-dependent Mannose 6-Phosphate Receptor (CD-MPR) but Not Its Phosphorylation Is Required for GGA1 and AP-1 Binding. Journal of Biological Chemistry, 2004, 279, 23542-23549.	3.4	18
32	The Palmitoyltransferase of the Cation-dependent Mannose 6-Phosphate Receptor Cycles between the Plasma Membrane and Endosomes. Molecular Biology of the Cell, 2004, 15, 2617-2626.	2.1	17
33	Membrane Curvature Protein Exhibits Interdomain Flexibility and Binds a Small GTPase. Journal of Biological Chemistry, 2012, 287, 40996-41006.	3.4	17
34	Hyperactivation of the Insulin Signaling Pathway Improves Intracellular Proteostasis by Coordinately Up-regulating the Proteostatic Machinery in Adipocytes. Journal of Biological Chemistry, 2016, 291, 25629-25640.	3.4	15
35	Maturation of Lipophagic Organelles in Hepatocytes Is Dependent Upon a Rab10/Dynaminâ€2 Complex. Hepatology, 2020, 72, 486-502.	7.3	13
36	Muscling in on GLUT4 kinetics. Communicative and Integrative Biology, 2010, 3, 260-262.	1.4	11

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37	Cross-species gene expression analysis identifies a novel set of genes implicated in human insulin sensitivity. Npj Systems Biology and Applications, 2015, 1, 15010.	3.0	11
38	Insulin Action under Arrestin. Cell Metabolism, 2009, 9, 213-214.	16.2	5
39	Global Phosphoproteomic Analysis of Human Skeletal Muscle Reveals a Network of Exercise-Regulated Kinases and AMPK Substrates. Cell Metabolism, 2015, 22, 948.	16.2	5
40	Protein Kinase CÎµ Modulates Insulin Receptor Localization and Trafficking in Mouse Embryonic Fibroblasts. PLoS ONE, 2013, 8, e58046.	2.5	5
41	GLUT4. The AFCS-nature Molecule Pages, 0, , .	0.2	1
42	Regulated Versus Constitutive Secretion â€“ A Major Form of Intercellular Communication. , 2022, , .		0