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List of Publications by Year in descending order

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66
papers

2,532
citations

218677

26
h-index

206112

48
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75
all docs

75
docs citations

75
times ranked

3876
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in Analysis of Low Signal-to-Noise Images Link Dynamin and AP2 to the Functions of an Endocytic Checkpoint. <i>Developmental Cell</i> , 2013, 26, 279-291.	7.0	330
2	Insulin action on glucose transporters through molecular switches, tracks and tethers. <i>Biochemical Journal</i> , 2008, 413, 201-215.	3.7	241
3	Phosphatidylinositol-(4,5)-bisphosphate regulates clathrin-coated pit initiation, stabilization, and size. <i>Molecular Biology of the Cell</i> , 2011, 22, 2588-2600.	2.1	120
4	Endocytic Accessory Proteins Are Functionally Distinguished by Their Differential Effects on the Maturation of Clathrin-coated Pits. <i>Molecular Biology of the Cell</i> , 2009, 20, 3251-3260.	2.1	115
5	Akt-ing Up Just About Everywhere: Compartment-Specific Akt Activation and Function in Receptor Tyrosine Kinase Signaling. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 70.	3.7	97
6	mTOR controls lysosome tubulation and antigen presentation in macrophages and dendritic cells. <i>Molecular Biology of the Cell</i> , 2016, 27, 321-333.	2.1	96
7	Integrins and Cell Metabolism: An Intimate Relationship Impacting Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 189.	4.1	96
8	Clathrin-Dependent and Independent Endocytosis of Glucose Transporter 4 (GLUT4) in Myoblasts: Regulation by Mitochondrial Uncoupling. <i>Traffic</i> , 2008, 9, 1173-1190.	2.7	90
9	Phosphatidic Acid Plays a Regulatory Role in Clathrin-mediated Endocytosis. <i>Molecular Biology of the Cell</i> , 2010, 21, 2944-2952.	2.1	77
10	Epidermal growth factor-stimulated Akt phosphorylation requires clathrin or ErbB2 but not receptor endocytosis. <i>Molecular Biology of the Cell</i> , 2015, 26, 3504-3519.	2.1	75
11	Reciprocal Regulation of Endocytosis and Metabolism. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016964-a016964.	5.5	65
12	Myo1c binding to submembrane actin mediates insulin-induced tethering of GLUT4 vesicles. <i>Molecular Biology of the Cell</i> , 2012, 23, 4065-4078.	2.1	61
13	Charming neighborhoods on the cell surface: Plasma membrane microdomains regulate receptor tyrosine kinase signaling. <i>Cellular Signalling</i> , 2015, 27, 1963-1976.	3.6	61
14	Reduction of Insulin-Stimulated Glucose Uptake in L6 Myotubes by the Protein Kinase Inhibitor SB203580 Is Independent of p38MAPK Activity. <i>Endocrinology</i> , 2005, 146, 3773-3781.	2.8	60
15	Need for GLUT4 Activation to Reach Maximum Effect of Insulin-Mediated Glucose Uptake in Brown Adipocytes Isolated From GLUT4myc-Expressing Mice. <i>Diabetes</i> , 2002, 51, 2719-2726.	0.6	54
16	Hotspots Organize Clathrin-Mediated Endocytosis by Efficient Recruitment and Retention of Nucleating Resources. <i>Traffic</i> , 2011, 12, 1868-1878.	2.7	53
17	The acyltransferase LYCAT controls specific phosphoinositides and related membrane traffic. <i>Molecular Biology of the Cell</i> , 2017, 28, 161-172.	2.1	52
18	Palmitate- and lipopolysaccharide-activated macrophages evoke contrasting insulin responses in muscle cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E37-E46.	3.5	51

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19	mTOR complex 1 controls the nuclear localization and function of glycogen synthase kinase 3 β . <i>Journal of Biological Chemistry</i> , 2018, 293, 14723-14739.	3.4	51
20	GAPDH binds GLUT4 reciprocally to hexokinase-II and regulates glucose transport activity. <i>Biochemical Journal</i> , 2009, 419, 475-484.	3.7	49
21	Fish Glucose Transporter (GLUT)-4 Differs from Rat GLUT4 in Its Traffic Characteristics but Can Translocate to the Cell Surface in Response to Insulin in Skeletal Muscle Cells. <i>Endocrinology</i> , 2007, 148, 5248-5257.	2.8	48
22	Ultrasound Microbubble Treatment Enhances Clathrin-Mediated Endocytosis and Fluid-Phase Uptake through Distinct Mechanisms. <i>PLoS ONE</i> , 2016, 11, e0156754.	2.5	47
23	A Transgenic Mouse Model to Study Glucose Transporter 4myc Regulation in Skeletal Muscle. <i>Endocrinology</i> , 2009, 150, 1935-1940.	2.8	39
24	Selective regulation of clathrin-mediated epidermal growth factor receptor signaling and endocytosis by phospholipase C and calcium. <i>Molecular Biology of the Cell</i> , 2017, 28, 2802-2818.	2.1	39
25	Ready, set, internalize: mechanisms and regulation of GLUT4 endocytosis. <i>Bioscience Reports</i> , 2009, 29, 1-11.	2.4	35
26	AMP-Activated Protein Kinase Regulates the Cell Surface Proteome and Integrin Membrane Traffic. <i>PLoS ONE</i> , 2015, 10, e0128013.	2.5	31
27	Regulation of glucose transporter 4 traffic by energy deprivation from mitochondrial compromise. <i>Acta Physiologica</i> , 2009, 196, 27-35.	3.8	27
28	Targeted enhancement of flotillin-dependent endocytosis augments cellular uptake and impact of cytotoxic drugs. <i>Scientific Reports</i> , 2019, 9, 17768.	3.3	27
29	Targeting of EGFR by a combination of antibodies mediates unconventional EGFR trafficking and degradation. <i>Scientific Reports</i> , 2020, 10, 663.	3.3	23
30	Distinct Temporal Regulation of RET Isoform Internalization: Roles of Clathrin and AP2 . <i>Traffic</i> , 2015, 16, 1155-1173.	2.7	22
31	Energetic adaptations: Metabolic control of endocytic membrane traffic. <i>Traffic</i> , 2019, 20, 912-931.	2.7	22
32	Differential recruitment of E3-ubiquitin ligase complexes regulates RET isoform internalization. <i>Journal of Cell Science</i> , 2017, 130, 3282-3296.	2.0	21
33	GGA3-mediated recycling of the RET receptor tyrosine kinase contributes to cell migration and invasion. <i>Oncogene</i> , 2020, 39, 1361-1377.	5.9	20
34	Modulation of Pathological Pain by Epidermal Growth Factor Receptor. <i>Frontiers in Pharmacology</i> , 2021, 12, 642820.	3.5	20
35	Documenting GLUT4 Exocytosis and Endocytosis in Muscle Cell Monolayers. <i>Current Protocols in Cell Biology</i> , 2010, 46, Unit 15.15.	2.3	18
36	Dosage-controlled intracellular delivery mediated by acoustofluidics for lab on a chip applications. <i>Lab on A Chip</i> , 2021, 21, 1788-1797.	6.0	17

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37	Fyn and TOM1L1 are recruited to clathrin-coated pits and regulate Akt signaling. <i>Journal of Cell Biology</i> , 2022, 221, .	5.2	17
38	Direct involvement of tumor necrosis factor- $\hat{1}\pm$ in the regulation of glucose uptake in rainbow trout muscle cells. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 300, R716-R723.	1.8	16
39	Similar requirement for clathrin in EGF- and HGF- stimulated Akt phosphorylation. <i>Communicative and Integrative Biology</i> , 2016, 9, e1175696.	1.4	16
40	Ultrasound and microbubble induced release from intracellular compartments. <i>BMC Biotechnology</i> , 2017, 17, 45.	3.3	15
41	Dissecting GLUT4 Traffic Components in L6 Myocytes by Fluorescence-Based, Single-Cell Assays. <i>Methods in Molecular Biology</i> , 2008, 457, 367-378.	0.9	14
42	Measurement of Epidermal Growth Factor Receptor-Derived Signals Within Plasma Membrane Clathrin Structures. <i>Methods in Molecular Biology</i> , 2017, 1652, 191-225.	0.9	13
43	To be or not to be: Regulation of the Intrinsic Activity of GLUT4. <i>Current Medicinal Chemistry Immunology, Endocrine & Metabolic Agents</i> , 2005, 5, 175-187.	0.2	12
44	Development of BODIPY labelled sialic acids as sialyltransferase substrates for direct detection of terminal galactose on N- and O-linked glycans. <i>Carbohydrate Research</i> , 2021, 500, 108249.	2.3	12
45	The big and intricate dreams of little organelles: Embracing complexity in the study of membrane traffic. <i>Traffic</i> , 2017, 18, 567-579.	2.7	11
46	Diverse Signals Regulate Glucose Uptake into Skeletal Muscle. <i>Canadian Journal of Diabetes</i> , 2006, 30, 80-88.	0.8	10
47	Multiscale interactome analysis coupled with off-target drug predictions reveals drug repurposing candidates for human coronavirus disease. <i>Scientific Reports</i> , 2021, 11, 23315.	3.3	10
48	Small Rho GTPases and the Effector VipA Mediate the Invasion of Epithelial Cells by Filamentous <i>Legionella pneumophila</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 133.	3.9	9
49	EGFR signaling in breast cancer requires licensing from separate membrane nanodomains. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	4
50	Signaling by the Epidermal Growth Factor Receptor regulates DNA repair. <i>FASEB Journal</i> , 2019, 33, 457.2.	0.5	2
51	The ENU-3 protein family members function in the Wnt pathway parallel to UNC-6/Netrin to promote motor neuron axon outgrowth in <i>C. elegans</i> . <i>Developmental Biology</i> , 2017, 430, 249-261.	2.0	1
52	The intricate relationship between metabolism and endocytic membrane traffic. <i>Traffic</i> , 2019, 20, 887-888.	2.7	1
53	Editorial: Signaling Control by Compartmentalization Along the Endocytic Route. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 237.	3.7	1
54	Detection of Plasma Membrane Phosphoinositide Dynamics Using Genetically Encoded Fluorescent Protein Probes. <i>Methods in Molecular Biology</i> , 2021, 2251, 73-89.	0.9	1

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55	Regulation of epidermal growth factor receptor signaling by clathrin-coated membrane microdomains (603.2). FASEB Journal, 2014, 28, 603.2.	0.5	1
56	The lipid acyltransferase LYCAT controls phosphatidylinositol-3,4,5-trisphosphate (PIP3) signaling. FASEB Journal, 2019, 33, 489.1.	0.5	1
57	Extracellular delivery induced by ultrasound and microbubbles in cells. AIP Conference Proceedings, 2017, , .	0.4	0
58	Regulation of Epidermal Growth Factor Receptor by Clathrin-Associated Kinases. FASEB Journal, 2021, 35, .	0.5	0
59	Regulation of Megalin membrane traffic by AMP-activated protein kinase in kidney proximal tubule epithelial cells. FASEB Journal, 2021, 35, .	0.5	0
60	Regulation of early stages in clathrin mediated endocytosis revealed by quantitative analyses in living cells. FASEB Journal, 2013, 27, 75.2.	0.5	0
61	The regulation of the cell surface proteome by AMP-activated protein kinase (604.5). FASEB Journal, 2014, 28, 604.5.	0.5	0
62	LYCAT, an acyltransferase required for ω -stearoyl esterification of phosphoinositides, plays a critical role in receptor trafficking dynamics (782.1). FASEB Journal, 2014, 28, 782.1.	0.5	0
63	Clathrin and TOM1L1 regulate Epidermal Growth Factor Receptor Signaling at the Plasma Membrane. FASEB Journal, 2015, 29, LB102.	0.5	0
64	Abstract 4986: Distinct temporal regulation of RET isoform internalization: Roles of clathrin and AP2. , 2015, , .		0
65	mTORC1 controls GSK3 β nuclear localization. FASEB Journal, 2018, 32, lb522.	0.5	0
66	Fyn is recruited to specialized clathrin coated pits and regulates EGF receptor signaling. FASEB Journal, 2019, 33, 788.1.	0.5	0