

Gwyn W Gould

List of Publications by Year in descending order

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200
papers

11,523
citations

28274

55
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32842

100
g-index

205
all docs

205
docs citations

205
times ranked

9445
citing authors

#	ARTICLE	IF	CITATIONS
1	Knockout of syntaxin-4 in 3T3-L1 adipocytes reveals new insight into GLUT4 trafficking and adiponectin secretion. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	6
2	Large scale, single-cell FRET-based glucose uptake measurements within heterogeneous populations. <i>IScience</i> , 2022, 25, 104023.	4.1	5
3	EFR3 and phosphatidylinositol 4-kinase III β regulate insulin-stimulated glucose transport and GLUT4 dispersal in 3T3-L1 adipocytes. <i>Bioscience Reports</i> , 2022, 42, .	2.4	5
4	Regulatory effects of protein S-acylation on insulin secretion and insulin action. <i>Open Biology</i> , 2021, 11, 210017.	3.6	9
5	Run for your life: can exercise be used to effectively target GLUT4 in diabetic cardiac disease?. <i>PeerJ</i> , 2021, 9, e11485.	2.0	4
6	Anillin/Mid1p interacts with the ESCRT-associated protein Vps4p and mitotic kinases to regulate cytokinesis in fission yeast. <i>Cell Cycle</i> , 2021, 20, 1845-1860.	2.6	5
7	OP6â€¦Investigating spatio-temporal dynamics of GLUT4 dispersal in cardiomyocytes. , 2020, , .		0
8	CHC22 clathrin mediates traffic from early secretory compartments for human GLUT4 pathway biogenesis. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	32
9	Building GLUT4 Vesicles: CHC22 Clathrinâ€™s Human Touch. <i>Trends in Cell Biology</i> , 2020, 30, 705-719.	7.9	28
10	Insulin stimulated GLUT4 translocation â€“ Size is not everything!. <i>Current Opinion in Cell Biology</i> , 2020, 65, 28-34.	5.4	39
11	Characterisation of GLUT4 trafficking in HeLa cells: comparable kinetics and orthologous trafficking mechanisms to 3T3-L1 adipocytes. <i>PeerJ</i> , 2020, 8, e8751.	2.0	16
12	The Human-Specific and Smooth Muscle Cell-Enriched LncRNA SMILR Promotes Proliferation by Regulating Mitotic CENPF mRNA and Drives Cell-Cycle Progression Which Can Be Targeted to Limit Vascular Remodeling. <i>Circulation Research</i> , 2019, 125, 535-551.	4.5	100
13	GLUT4 expression and glucose transport in human induced pluripotent stem cell-derived cardiomyocytes. <i>PLoS ONE</i> , 2019, 14, e0217885.	2.5	18
14	The deubiquitinating enzyme USP25 binds tankyrase and regulates trafficking of the facilitative glucose transporter GLUT4 in adipocytes. <i>Scientific Reports</i> , 2019, 9, 4710.	3.3	16
15	Cardiac SNARE Expression in Health and Disease. <i>Frontiers in Endocrinology</i> , 2019, 10, 881.	3.5	9
16	Genetic and Cytological Methods to Study ESCRT Cell Cycle Function in Fission Yeast. <i>Methods in Molecular Biology</i> , 2019, 1998, 239-250.	0.9	2
17	Conflicting evidence for the role of <scp>JNK</scp> as a target in breast cancer cell proliferation: Comparisons between pharmacological inhibition and selective shRNA knockdown approaches. <i>Pharmacology Research and Perspectives</i> , 2018, 6, e00376.	2.4	6
18	Proximity Ligation Assay to Study the GLUT4 Membrane Trafficking Machinery. <i>Methods in Molecular Biology</i> , 2018, 1713, 217-227.	0.9	2

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19	SNARE phosphorylation: a control mechanism for insulin-stimulated glucose transport and other regulated exocytic events. <i>Biochemical Society Transactions</i> , 2017, 45, 1271-1277.	3.4	13
20	The Trypanosome Exocyst: A Conserved Structure Revealing a New Role in Endocytosis. <i>PLoS Pathogens</i> , 2017, 13, e1006063.	4.7	27
21	Protein kinase C phosphorylates AMP-activated protein kinase $\alpha 1$ Ser487. <i>Biochemical Journal</i> , 2016, 473, 4681-4697.	3.7	57
22	Preparation of a Total Membrane Fraction from 3T3-L1 Adipocytes. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot083675.	0.3	2
23	16K Fractionation of 3T3-L1 Adipocytes to Produce a Crude GLUT4-Containing Vesicle Fraction. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot083683.	0.3	3
24	Iodixanol Gradient Centrifugation to Separate Components of the Low-Density Membrane Fraction from 3T3-L1 Adipocytes. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot083709.	0.3	3
25	Complete Membrane Fractionation of 3T3-L1 Adipocytes. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot083691.	0.3	6
26	Animal cell cytokinesis: The role of dynamic changes in the plasma membrane proteome and lipidome. <i>Seminars in Cell and Developmental Biology</i> , 2016, 53, 64-73.	5.0	23
27	Alternate routes to the cell surface underpin insulin-regulated membrane trafficking of GLUT4. <i>Journal of Cell Science</i> , 2015, 128, 2423-9.	2.0	26
28	Characterization of VAMP isoforms in 3T3-L1 adipocytes: implications for GLUT4 trafficking. <i>Molecular Biology of the Cell</i> , 2015, 26, 530-536.	2.1	22
29	mVps45 knockdown selectively modulates VAMP expression in 3T3-L1 adipocytes. <i>Communicative and Integrative Biology</i> , 2015, 8, e1026494.	1.4	3
30	A Complex Network of Interactions between Mitotic Kinases, Phosphatases and ESCRT Proteins Regulates Septation and Membrane Trafficking in <i>S. pombe</i> . <i>PLoS ONE</i> , 2014, 9, e111789.	2.5	13
31	ESCRT Function in Cytokinesis: Location, Dynamics and Regulation by Mitotic Kinases. <i>International Journal of Molecular Sciences</i> , 2014, 15, 21723-21739.	4.1	31
32	Studies of the regulated assembly of SNARE complexes in adipocytes. <i>Biochemical Society Transactions</i> , 2014, 42, 1396-1400.	3.4	7
33	Insulin Stimulates Syntaxin4 SNARE Complex Assembly via a Novel Regulatory Mechanism. <i>Molecular and Cellular Biology</i> , 2014, 34, 1271-1279.	2.3	33
34	Exocyst proteins in cytokinesis. <i>Communicative and Integrative Biology</i> , 2013, 6, e27635.	1.4	23
35	Posttranslational Modifications of GLUT4 Affect Its Subcellular Localization and Translocation. <i>International Journal of Molecular Sciences</i> , 2013, 14, 9963-9978.	4.1	33
36	Syntaxin 16 is a master recruitment factor for cytokinesis. <i>Molecular Biology of the Cell</i> , 2013, 24, 3663-3674.	2.1	36

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37	Sorting of GLUT4 into its insulin-sensitive store requires the Sec1/Munc18 protein mVps45. <i>Molecular Biology of the Cell</i> , 2013, 24, 2389-2397.	2.1	25
38	Novel Role for Proteinase-activated Receptor 2 (PAR2) in Membrane Trafficking of Proteinase-activated Receptor 4 (PAR4). <i>Journal of Biological Chemistry</i> , 2012, 287, 16656-16669.	3.4	38
39	Rab11-FIP3 is a cell cycle-regulated phosphoprotein. <i>BMC Cell Biology</i> , 2012, 13, 4.	3.0	13
40	Vesicle trafficking and membrane remodelling in cytokinesis. <i>Biochemical Journal</i> , 2011, 437, 13-24.	3.7	79
41	IKKÎµ: A Kinase at the Intersection of Signaling and Membrane Traffic. <i>Science Signaling</i> , 2011, 4, pe30.	3.6	16
42	SNARE Proteins Underpin Insulin-Regulated GLUT4 Traffic. <i>Traffic</i> , 2011, 12, 657-664.	2.7	49
43	Tyrosine phosphorylation of Munc18c on residue 521 abrogates binding to Syntaxin 4. <i>BMC Biochemistry</i> , 2011, 12, 19.	4.4	26
44	The regulation of abscission by multi-protein complexes. <i>Journal of Cell Science</i> , 2011, 124, 3199-3207.	2.0	41
45	New roles for endosomes: from vesicular carriers to multi-purpose platforms. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 287-292.	37.0	192
46	Characterization of two distinct binding modes between syntaxin 4 and Munc18c. <i>Biochemical Journal</i> , 2009, 419, 655-660.	3.7	23
47	Sequential Cyk-4 binding to ECT2 and FIP3 regulates cleavage furrow ingression and abscission during cytokinesis. <i>EMBO Journal</i> , 2008, 27, 1791-1803.	7.8	84
48	Breaking up is hard to do – membrane traffic in cytokinesis. <i>Journal of Cell Science</i> , 2008, 121, 1569-1576.	2.0	92
49	Negative Regulation of Syntaxin4/SNAP-23/VAMP2-Mediated Membrane Fusion by Munc18c In Vitro. <i>PLoS ONE</i> , 2008, 3, e4074.	2.5	37
50	Role of endosomal Rab GTPases in cytokinesis. <i>European Journal of Cell Biology</i> , 2007, 86, 25-35.	3.6	71
51	ACRP30 is secreted from 3T3-L1 adipocytes via a Rab11-dependent pathway. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 1361-1367.	2.1	29
52	Syntaxin 16 controls the intracellular sequestration of GLUT4 in 3T3-L1 adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 433-438.	2.1	45
53	Regulation of caveolar endocytosis by syntaxin 6-dependent delivery of membrane components to the cell surface. <i>Nature Cell Biology</i> , 2006, 8, 317-328.	10.3	84
54	Membrane traffic in cytokinesis. <i>Biochemical Society Transactions</i> , 2005, 33, 1290.	3.4	18

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55	Rab11-FIP3 and FIP4 interact with Arf6 and the Exocyst to control membrane traffic in cytokinesis. EMBO Journal, 2005, 24, 3389-3399.	7.8	288
56	Reduced insulin-stimulated GLUT4 bioavailability in stroke-prone spontaneously hypertensive rats. Diabetologia, 2005, 48, 539-546.	6.3	4
57	Mammalian Exocyst Complex Is Required for the Docking Step of Insulin Vesicle Exocytosis. Journal of Biological Chemistry, 2005, 280, 25565-25570.	3.4	62
58	The FIP3-Rab11 Protein Complex Regulates Recycling Endosome Targeting to the Cleavage Furrow during Late Cytokinesis. Molecular Biology of the Cell, 2005, 16, 849-860.	2.1	284
59	Evidence for a Role of the Exocyst in Insulin-stimulated Glut4 Trafficking in 3T3-L1 Adipocytes. Journal of Biological Chemistry, 2005, 280, 3812-3816.	3.4	43
60	Lipid Raft Association of SNARE Proteins Regulates Exocytosis in PC12 Cells. Journal of Biological Chemistry, 2005, 280, 19449-19453.	3.4	119
61	The SNARE Proteins SNAP-25 and SNAP-23 Display Different Affinities for Lipid Rafts in PC12 Cells. Journal of Biological Chemistry, 2005, 280, 1236-1240.	3.4	90
62	Insect renal tubules constitute a cell-autonomous immune system that protects the organism against bacterial infection. Insect Biochemistry and Molecular Biology, 2005, 35, 741-754.	2.7	108
63	Fructose transport and metabolism in adipose tissue of Zucker rats: Diminished GLUT5 activity during obesity and insulin resistance. Molecular and Cellular Biochemistry, 2004, 261, 23-33.	3.1	41
64	Syntaxin 6 Regulates Glut4 Trafficking in 3T3-L1 Adipocytes. Molecular Biology of the Cell, 2003, 14, 2946-2958.	2.1	88
65	Direct Activation of AMP-activated Protein Kinase Stimulates Nitric-oxide Synthesis in Human Aortic Endothelial Cells. Journal of Biological Chemistry, 2003, 278, 31629-31639.	3.4	312
66	Arfophilins Are Dual Arf/Rab 11 Binding Proteins That Regulate Recycling Endosome Distribution and Are Related to Drosophila Nuclear Fallout. Molecular Biology of the Cell, 2003, 14, 2908-2920.	2.1	138
67	Actin cytoskeleton remodeling during early Drosophila furrow formation requires recycling endosomal components Nuclear-fallout and Rab11. Journal of Cell Biology, 2003, 163, 143-154.	5.2	179
68	Decreased insulin sensitivity during dietary sodium restriction is not mediated by effects of angiotensin II on insulin action. Clinical Science, 2003, 105, 187-194.	4.3	30
69	A Specific Elevation in Tissue Plasminogen Activator Antigen in Women with Polycystic Ovarian Syndrome. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 3287-3290.	3.6	62
70	Altered Vascular Function in Young Women with Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 742-746.	3.6	220
71	The Vesicle- and Target-SNARE Proteins That Mediate Glut4 Vesicle Fusion Are Localized in Detergent-insoluble Lipid Rafts Present on Distinct Intracellular Membranes. Journal of Biological Chemistry, 2002, 277, 49750-49754.	3.4	118
72	Altered Vascular Function in Young Women with Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 742-746.	3.6	53

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73	CD36 deficiency and insulin resistance. <i>Lancet, The</i> , 2001, 358, 242-243.	13.7	9
74	Low Grade Chronic Inflammation in Women with Polycystic Ovarian Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 2453-2455.	3.6	546
75	Regulation of glucose transport in aortic smooth muscle cells by cAMP and cGMP. <i>Biochemical Journal</i> , 2001, 353, 513.	3.7	2
76	Skeletal Muscle of Stroke-Prone Spontaneously Hypertensive Rats Exhibits Reduced Insulin-Stimulated Glucose Transport and Elevated Levels of Caveolin and Flotillin. <i>Diabetes</i> , 2001, 50, 2148-2156.	0.6	24
77	SNARE proteins are highly enriched in lipid rafts in PC12 cells: Implications for the spatial control of exocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 5619-5624.	7.1	385
78	Low Grade Chronic Inflammation in Women with Polycystic Ovarian Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 2453-2455.	3.6	119
79	The cytosolic C-terminus of the glucose transporter GLUT4 contains an acidic cluster endosomal targeting motif distal to the dileucine signal. <i>Biochemical Journal</i> , 2000, 350, 99.	3.7	23
80	Insulin action on the ovary. <i>Reproductive Medicine Review</i> , 2000, 8, 25-39.	0.3	0
81	Adipsin and the Glucose Transporter GLUT4 Traffic to the Cell Surface via Independent Pathways in Adipocytes. <i>Traffic</i> , 2000, 1, 141-151.	2.7	43
82	The long term health consequences of polycystic ovary syndrome. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2000, 107, 1327-1338.	2.3	25
83	Long-term insulin treatment of 3T3-L1 adipocytes results in mis-targeting of GLUT4: implications for insulin-stimulated glucose transport. <i>Diabetologia</i> , 2000, 43, 1273-1281.	6.3	32
84	Sex hormones induce insulin resistance in 3T3-L1 adipocytes by reducing cellular content of IRS proteins. <i>Diabetologia</i> , 2000, 43, 1374-1380.	6.3	35
85	Cd36 and molecular mechanisms of insulin resistance in the stroke-prone spontaneously hypertensive rat.. <i>Diabetes</i> , 2000, 49, 2222-2226.	0.6	58
86	5-aminoimidazole-4-carboxamide ribonucleoside (AICAR) inhibits insulin-stimulated glucose transport in 3T3-L1 adipocytes. <i>Diabetes</i> , 2000, 49, 1649-1656.	0.6	109
87	The cytosolic C-terminus of the glucose transporter GLUT4 contains an acidic cluster endosomal targeting motif distal to the dileucine signal. <i>Biochemical Journal</i> , 2000, 350, 99-107.	3.7	84
88	v- and t-SNARE protein expression in models of insulin resistance: normalization of glycemia by rosiglitazone treatment corrects overexpression of cellubrevin, vesicle-associated membrane protein-2, and syntaxin 4 in skeletal muscle of Zucker diabetic fatty rats. <i>Diabetes</i> , 2000, 49, 618-625.	0.6	40
89	P2Y Receptor-mediated Inhibition of Tumor Necrosis Factor α -stimulated Stress-activated Protein Kinase Activity in EAhy926 Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 13243-13249.	3.4	24
90	Quantification of SNARE Protein Levels in 3T3-L1 Adipocytes: Implications for Insulin-Stimulated Glucose Transport. <i>Biochemical and Biophysical Research Communications</i> , 2000, 270, 841-845.	2.1	30

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91	Polycystic ovaries. Lancet, The, 2000, 355, 68-69.	13.7	0
92	Identification of further important residues within the Glut4 carboxy-terminal tail which regulate subcellular trafficking. FEBS Letters, 2000, 481, 261-265.	2.8	10
93	Differential Regulation of Secretory Compartments Containing the Insulin-responsive Glucose Transporter 4 in 3T3-L1 Adipocytes. Molecular Biology of the Cell, 1999, 10, 3675-3688.	2.1	72
94	Evidence for a Role for ADP-ribosylation Factor 6 in Insulin-stimulated Glucose Transporter-4 (GLUT4) Trafficking in 3T3-L1 Adipocytes. Journal of Biological Chemistry, 1999, 274, 17619-17625.	3.4	42
95	Involvement of Mitogen-Activated Protein Kinase Homologues in the Regulation of Lipopolysaccharide-Mediated Induction of Cyclo-oxygenase-2 but not Nitric Oxide Synthase in RAW 264.7 Macrophages. Cellular Signalling, 1999, 11, 491-497.	3.6	100
96	Structure and function of facultative sugar transporters. Current Opinion in Cell Biology, 1999, 11, 496-502.	5.4	67
97	Analysis of Amino and Carboxy Terminal GLUT-4 Targeting Motifs in 3T3-L1 Adipocytes Using an Endosomal Ablation Technique. Biochemistry, 1999, 38, 1456-1462.	2.5	38
98	3T3-L1 Adipocytes Express Two Isoforms of Phospholipase D in Distinct Subcellular Compartments. Biochemical and Biophysical Research Communications, 1999, 254, 734-738.	2.1	14
99	Visualization of distinct patterns of subcellular redistribution of the thyrotropin-releasing hormone receptor-1 and Gq1± /G111± induced by agonist stimulation. Biochemical Journal, 1999, 340, 529-538.	3.7	36
100	Trafficking of Glut4â€“Green Fluorescent Protein chimaeras in 3T3-L1 adipocytes suggests distinct internalization mechanisms regulating cell surface Glut4 levels. Biochemical Journal, 1999, 344, 535-543.	3.7	18
101	Visualization of distinct patterns of subcellular redistribution of the thyrotropin-releasing hormone receptor-1 and Gq1± /G111± induced by agonist stimulation. Biochemical Journal, 1999, 340, 529.	3.7	9
102	Trafficking of Glut4â€“Green Fluorescent Protein chimaeras in 3T3-L1 adipocytes suggests distinct internalization mechanisms regulating cell surface Glut4 levels. Biochemical Journal, 1999, 344, 535.	3.7	9
103	The Mammalian Facilitative Glucose Transporter (GLUT) Family. , 1999, 12, 201-228.		12
104	Tumour Necrosis Factor Stimulates Stress-Activated Protein Kinases and the Inhibition of DNA Synthesis in Cultures of Bovine Aortic Endothelial Cells. Cellular Signalling, 1998, 10, 473-480.	3.6	20
105	Sugar transporters from bacteria, parasites and mammals: structureâ€“activity relationships. Trends in Biochemical Sciences, 1998, 23, 476-481.	7.5	118
106	Vesicle-associated Membrane Protein 2 Plays a Specific Role in the Insulin-dependent Trafficking of the Facilitative Glucose Transporter GLUT4 in 3T3-L1 Adipocytes. Journal of Biological Chemistry, 1998, 273, 1444-1452.	3.4	132
107	QLS Motif in Transmembrane Helix VII of the Glucose Transporter Family Interacts with the C-1 Position of d-Glucose and Is Involved in Substrate Selection at the Exofacial Binding Siteâ€“. Biochemistry, 1998, 37, 1322-1326.	2.5	115
108	Hypoxic Stimulation of the Stress-activated Protein Kinases in Pulmonary Artery Fibroblasts. American Journal of Respiratory and Critical Care Medicine, 1998, 158, 958-962.	5.6	52

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109	Real Time Visualization of Agonist-mediated Redistribution and Internalization of a Green Fluorescent Protein-tagged Form of the Thyrotropin-releasing Hormone Receptor. Journal of Biological Chemistry, 1998, 273, 24000-24008.	3.4	57
110	Should sperm donors be paid? A survey of the attitudes of the general public. Human Reproduction, 1998, 13, 771-775.	0.9	15
111	Mutational analysis of the carboxy-terminal phosphorylation site of GLUT-4 in 3T3-L1 adipocytes. American Journal of Physiology - Endocrinology and Metabolism, 1998, 275, E412-E422.	3.5	9
112	Evidence for <i>ras</i> - and <i>rho</i> -dependent pathways in the regulation of glucose transport by growth factors. Biochemical Society Transactions, 1997, 25, 472S-472S.	3.4	1
113	Characterization of the intracellular signalling pathways that underlie growth-factor-stimulated glucose transport in Xenopus oocytes: evidence for <i>ras</i> - and <i>rho</i> -dependent pathways of phosphatidylinositol 3-kinase activation. Biochemical Journal, 1997, 325, 637-643.	3.7	11
114	GLUT4 vesicle dynamics in living 3T3 L1 adipocytes visualized with green-fluorescent protein. Biochemical Journal, 1997, 327, 637-642.	3.7	84
115	Compartment-ablation studies of GLUT4 distribution in adipocytes: evidence for multiple intracellular pools. Biochemical Society Transactions, 1997, 25, 974-977.	3.4	11
116	COMPARTMENT ABLATION APPROACHES FOR THE STUDY OF THE TRAFFICKING AND TARGETING OF GLUT4. Biochemical Society Transactions, 1997, 25, 460S-460S.	3.4	0
117	Real-time analysis of GLUT4 trafficking in single living cells using green-fluorescent protein. Biochemical Society Transactions, 1997, 25, 460S-460S.	3.4	0
118	Characterisation of proteins associated with the GLUT4 intracellular compartment. Biochemical Society Transactions, 1997, 25, 465S-465S.	3.4	3
119	Structure-function studies of the brain-type glucose transporter, GLUT3: alanine-scanning mutagenesis of putative transmembrane helix 8. Biochemical Society Transactions, 1997, 25, 474S-474S.	3.4	3
120	Structure-Function Studies of the Brain-Type Glucose Transporter, GLUT3: Alanine-Scanning Mutagenesis of Putative Transmembrane Helix VIII and an Investigation of the Role of Proline Residues in Transport Catalysis. Biochemistry, 1997, 36, 6401-6407.	2.5	16
121	Functional Studies of Human GLUT5: Effect of pH on Substrate Selection and an Analysis of Substrate Interactions. Biochemical and Biophysical Research Communications, 1997, 238, 503-505.	2.1	36
122	Evidence that Thrombin-stimulated DNA Synthesis in Pulmonary Arterial Fibroblasts Involves Phosphatidylinositol 3-kinase-dependent p70 Ribosomal S6 Kinase Activation. Cellular Signalling, 1997, 9, 109-116.	3.6	15
123	Cyclic AMP Inhibits PDGF-stimulated Mitogen-activated Protein Kinase Activity in Rat Aortic Smooth Muscle Cells via Inactivation of c-Raf-1 Kinase and Induction of MAP Kinase Phosphatase-1. Cellular Signalling, 1997, 9, 323-328.	3.6	28
124	Stress-activated Protein Kinases: Activation, Regulation and Function. Cellular Signalling, 1997, 9, 403-410.	3.6	303
125	Structure-Function Analysis of Liver-Type (GLUT2) and Brain-Type (GLUT3) Glucose Transporters: Expression of Chimeric Transporters in Xenopus Oocytes Suggests an Important Role for Putative Transmembrane Helix 7 in Determining Substrate Selectivity. Biochemistry, 1996, 35, 16519-16527.	2.5	69
126	Stimulation by the nucleotides, ATP and UTP of mitogen-activated protein kinase in EAhy 926 endothelial cells. British Journal of Pharmacology, 1996, 117, 1341-1347.	5.4	36

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127	Dynamics of insulin-stimulated translocation of GLUT4 in single living cells visualised using green fluorescent protein. FEBS Letters, 1996, 393, 179-184.	2.8	48
128	Glucose transporters in rat peripheral nerve: Paranodal expression of GLUT1 and GLUT3. Metabolism: Clinical and Experimental, 1996, 45, 1466-1473.	3.4	64
129	Efficacy of agonist-stimulated MEK activation determines the susceptibility of mitogen-activated protein (MAP) kinase to inhibition in rat aortic smooth muscle cells. Biochemical Journal, 1996, 318, 657-663.	3.7	20
130	Treatment of vascular smooth muscle cells with antisense phosphorothioate oligodeoxynucleotides directed against p42 and p44 mitogen-activated protein kinases abolishes DNA synthesis in response to platelet-derived growth factor. Biochemical Journal, 1996, 320, 123-127.	3.7	33
131	Hormonal regulation of the insulin-responsive glucose transporter, GLUT4: some recent advances. Proceedings of the Nutrition Society, 1996, 55, 179-190.	1.0	3
132	Compartment ablation analysis of the insulin-responsive glucose transporter (GLUT4) in 3T3-L1 adipocytes. Biochemical Journal, 1996, 315, 487-495.	3.7	137
133	Role of receptor desensitization, phosphatase induction and intracellular cyclic AMP in the termination of mitogen-activated protein kinase activity in UTP-stimulated EAhy 926 endothelial cells. Biochemical Journal, 1996, 315, 563-569.	3.7	12
134	Lysophosphatidic acid stimulates glucose transport in <i>Xenopus</i> oocytes via a phosphatidylinositol 3-kinase with distinct properties. Biochemical Journal, 1996, 316, 161-166.	3.7	17
135	A regulatory role for cAMP in phosphatidylinositol 3-kinase/p70 ribosomal S6 kinase-mediated DNA synthesis in platelet-derived-growth-factor-stimulated bovine airway smooth-muscle cells. Biochemical Journal, 1996, 318, 965-971.	3.7	113
136	Trypsin stimulates proteinase-activated receptor-2-dependent and -independent activation of mitogen-activated protein kinases. Biochemical Journal, 1996, 320, 939-946.	3.7	106
137	The Use of Biotinylation in the Detection and Purification of Affinity Labelled GLUT-1. Biochemical Society Transactions, 1996, 24, 115S-115S.	3.4	4
138	The role of protein kinase C in activation and termination of mitogen-activated protein kinase activity in angiotensin II-stimulated rat aortic smooth-muscle cells. Cellular Signalling, 1996, 8, 123-129.	3.6	33
139	Phosphatidylinositol 3-kinase, But Not p70 Ribosomal S6 Kinase, Is Involved in Membrane Protein Recycling: Wortmannin Inhibits Glucose Transport and Downregulates Cell-Surface Transferrin Receptor Numbers Independently of Any Effect on Fluid-phase Endocytosis in Fibroblasts. Cellular Signalling, 1996, 8, 297-304.	3.6	41
140	The regulation of GLUT5 and GLUT2 activity in the adaptation of intestinal brush-border fructose transport in diabetes. Pflugers Archiv European Journal of Physiology, 1996, 432, 192-201.	2.8	108
141	The glucose transporter (GLUT-4) and vesicle-associated membrane protein-2 (VAMP-2) are segregated from recycling endosomes in insulin-sensitive cells.. Journal of Cell Biology, 1996, 134, 625-635.	5.2	200
142	Trafficking, targeting and translocation of the insulin-responsive glucose transporter, GLUT4, in adipocytes. Biochemical Society Transactions, 1996, 24, 540-546.	3.4	13
143	P-41: Real-time analysis of insulin-stimulated GLUT4 translocation in single living cells using green fluorescent protein. Experimental and Clinical Endocrinology and Diabetes, 1996, 104, 107-107.	1.2	0
144	Regulation of lysophosphatidic acid-stimulated tyrosine phosphorylation of mitogen-activated protein kinase by protein kinase C- and pertussis toxin-dependent pathways in the endothelial cell line EAhy 926. Biochemical Journal, 1995, 307, 743-748.	3.7	30

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145	The activation of distinct mitogen-activated protein kinase cascades is required for the stimulation of 2-deoxyglucose uptake by interleukin-1 and insulin-like growth factor-1 in KB cells. <i>Biochemical Journal</i> , 1995, 311, 735-738.	3.7	93
146	Regulation of Lysophosphatidic acid-stimulated tyrosine phosphorylation of pp42 mitogen-activated protein kinase by protein kinase C and protein kinase A in EAhy926 cells. <i>Biochemical Society Transactions</i> , 1995, 23, 339S-339S.	3.4	1
147	The permissive effect of serum on the inhibition of mitogenactivated protein kinase by forskolin in vascular smooth muscle cells. <i>Biochemical Society Transactions</i> , 1995, 23, 341S-341S.	3.4	1
148	Insulin Resistance, Hypertension and the Insulin-Responsive Glucose Transporter, GLUT4. <i>Clinical Science</i> , 1995, 89, 109-116.	4.3	16
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