Shamshad Cockcroft

List of Publications by Year
in descending order

156 papers	8,493 citations	44069 48 h-index	48315 88 g-index
159 all docs	159 docs citations	159 times ranked	4604 citing authors

#	Article	IF	Citations
1	Special issue entitled Lipid transporters edited by Shamshad Cockcroft and Padinjat Raghu. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2022, 1867, 159152.	2.4	0
2	Mammalian lipids: structure, synthesis and function. Essays in Biochemistry, 2021, 65, 813-845.	4.7	46
3	Courier service for phosphatidylinositol: PITPs deliver on demand. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158985.	2.4	14
4	Phosphatidylinositol synthesis at the endoplasmic reticulum. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158471.	2.4	47
5	Phospholipase C families: Common themes and versatility in physiology and pathology. Progress in Lipid Research, 2020, 80, 101065.	11.6	48
6	Mammalian PITPs at the Golgi and ER-Golgi Membrane Contact Sites. Contact (Thousand Oaks (Ventura) Tj ETQq0 0 0 rgBT /Overlock 10	1.3	3
7	CDP-Diacylglycerol Synthases (CDS): Gateway to Phosphatidylinositol and Cardiolipin Synthesis. Frontiers in Cell and Developmental Biology, 2020, 8, 63.	3.7	59
8	Phosphatidylinositol(4,5)bisphosphate: diverse functions at the plasma membrane. Essays in Biochemistry, 2020, 64, 513-531.	4.7	82
9	Yeast phosphatidylinositol transfer protein Pdr17 does not require high affinity phosphatidylinositol binding for its cellular function. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 1412-1421.	2.4	2
10	Sustained phospholipase C stimulation of H9c2 cardiomyoblasts by vasopressin induces an increase in CDP-diacylglycerol synthase 1 (CDS1) through protein kinase C and cFos. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 1072-1082.	2.4	10
11	Mitochondrial CDP-diacylglycerol synthase activity is due to the peripheral protein, TAMM41 and not due to the integral membrane protein, CDP-diacylglycerol synthase 1. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 284-298.	2.4	32
12	Phospholipid transport protein function at organelle contact sites. Current Opinion in Cell Biology, 2018, 53, 52-60.	5.4	62
13	Pitpnc1a Regulates Zebrafish Sleep and Wake Behavior through Modulation of Insulin-like Growth Factor Signaling. Cell Reports, 2018, 24, 1389-1396.	6.4	24
14	Phosphatidylinositol transfer protein-Î± in platelets is inconsequential for thrombosis yet is utilized for tumor metastasis. Nature Communications, 2017, 8, 1216.	12.8	22
15	Topological organisation of the phosphatidylinositol 4,5-bisphosphateâ€"phospholipase C resynthesis cycle: PITPs bridge the ERâ€"PM gap. Biochemical Journal, 2016, 473, 4289-4310.	3.7	29
16	Ligand and membrane-binding behavior of the phosphatidylinositol transfer proteins PITPÎ± and PITPÎ². Biochemistry and Cell Biology, 2016, 94, 528-533.	2.0	6
17	The <i>Drosophila</i> photoreceptor as a model system for studying signalling at membrane contact sites. Biochemical Society Transactions, 2016, 44, 447-451.	3.4	20
18	RdgBÎ± reciprocally transfers PA and PI at ERâ€"PM contact sites to maintain PI(4,5)<i>P</i>2 homoeostasis during phospholipase C signalling in <i>Drosophila</i> photoreceptors. Biochemical Society Transactions, 2016, 44, 286-292.	3.4	24

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19	A new family of StART domain proteins at membrane contact sites has a role in ER-PM sterol transport. ELife, 2015, 4, .	6.0	227
20	RDGBÎ±, a PI-PA transfer protein regulates G-protein coupled PtdIns(4,5)P2 signalling during <i>Drosophila</i> phototransduction. Journal of Cell Science, 2015, 128, 3330-44.	2.0	69
21	Phosphatidylinositol binding of Saccharomyces cerevisiae Pdr16p represents an essential feature of this lipid transfer protein to provide protection against azole antifungals. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 1483-1490.	2.4	20
22	Potential role for phosphatidylinositol transfer protein (PITP) family in lipid transfer during phospholipase C signalling. Advances in Biological Regulation, 2013, 53, 280-291.	2.3	21
23	Measurement of Phospholipase C by Monitoring Inositol Phosphates Using [3H]Inositol Labeling Protocols in Permeabilized Cells. Methods in Molecular Biology, 2013, 937, 163-174.	0.9	2
24	Identification of a Plasmodium falciparum Phospholipid Transfer Protein. Journal of Biological Chemistry, 2013, 288, 31971-31983.	3.4	35
25	Phosphatidylinositol Transfer Protein, Cytoplasmic 1 (PITPNC1) Binds and Transfers Phosphatidic Acid. Journal of Biological Chemistry, 2012, 287, 32263-32276.	3.4	72
26	14-3-3 protein and ATRAP bind to the soluble class IIB phosphatidylinositol transfer protein RdgBÎ² at distinct sites. Biochemical Society Transactions, 2012, 40, 451-456.	3.4	11
27	The Diverse Functions of Phosphatidylinositol Transfer Proteins. Current Topics in Microbiology and Immunology, 2012, 362, 185-208.	1.1	31
28	Function of the phosphatidylinositol transfer protein gene family: is phosphatidylinositol transfer the mechanism of action?. Critical Reviews in Biochemistry and Molecular Biology, 2011, 46, 89-117.	5.2	38
29	The phosphatidylinositol transfer protein RdgBÎ² binds 14-3-3 via its unstructured C-terminus, whereas its lipid-binding domain interacts with the integral membrane protein ATRAP (angiotensin II typeÂl) Tj ETQq1 1 0.784314 rgBT /Overlock	3.4	15
30	Reversible bleb formation in mast cells stimulated with antigen is Ca2+/calmodulin-dependent and bleb size is regulated by ARF6. Biochemical Journal, 2010, 425, 179-193.	3.7	28
31	Phosphatidylinositol- and phosphatidylcholine-transfer activity of PITPÎ² is essential for COPI-mediated retrograde transport from the Golgi to the endoplasmic reticulum. Journal of Cell Science, 2010, 123, 1262-1273.	2.0	49
32	Phosphatidylinositol Transfer Proteins. , 2010, , 1151-1158.		0
33	Insulin uptake across the luminal membrane of the rat proximal tubule in vivo and in vitro. American Journal of Physiology - Renal Physiology, 2009, 296, F1227-F1237.	2.7	9
34	A unique phosphatidylinositol 4-phosphate 5-kinase is activated by ADP-ribosylation factor in Plasmodium falciparum. International Journal for Parasitology, 2009, 39, 645-653.	3.1	35
35	Phosphatidic acid regulation of phosphatidylinositol 4-phosphate 5-kinases. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 905-912.	2.4	50
36	Special Issue on Phospholipase D. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 837-838.	2.4	6

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37	Measurement of Phosphatidylinositol and Phosphatidylcholine Binding and Transfer Activity of the Lipid Transport Protein PITP. Methods in Molecular Biology, 2009, 462, 1-15.	0.9	3
38	Dynamics of lipid transfer by phosphatidylinositol transfer protein during membrane transport at the endoplasmic reticulumâ€Golgi membrane interface. FASEB Journal, 2009, 23, 320.1.	0.5	0
39	PA binding of phosphatidylinositol 4-phosphate 5-kinase. Advances in Enzyme Regulation, 2008, 48, 55-72.	2.6	31
40	Dynamics of Lipid Transfer by Phosphatidylinositol Transfer Proteins in Cells. Traffic, 2008, 9, 1743-1756.	2.7	39
41	Regulation of PI3K signalling by the phosphatidylinositol transfer protein PITPÎ± during axonal extension in hippocampal neurons. Journal of Cell Science, 2008, 121, 796-803.	2.0	49
42	Human ITPK1: A Reversible Inositol Phosphate Kinase/Phosphatase That Links Receptor-Dependent Phospholipase C to Ca ²⁺ -Activated Chloride Channels. Science Signaling, 2008, 1, pe5.	3.6	33
43	Biochemical and biological functions of class I phosphatidylinositol transfer proteins. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2007, 1771, 677-691.	2.4	74
44	Trafficking of phosphatidylinositol by phosphatidylinositol transfer proteins. Biochemical Society Symposia, 2007, 74, 259-271.	2.7	14
45	Compartmentalized signalling in neurons. Journal of Physiology, 2007, 584, 371-372.	2.9	0
46	Bromoenol lactone, an inhibitor of Group V1A calcium-independent phospholipase A2 inhibits antigen-stimulated mast cell exocytosis without blocking Ca2+ influx. Cell Calcium, 2007, 41, 145-153.	2.4	18
47	Signalling through phospholipase C interferes with clathrin-mediated endocytosis. Cellular Signalling, 2007, 19, 42-51.	3.6	18
48	Trafficking of phosphatidylinositol by phosphatidylinositol transfer proteins. Biochemical Society Symposia, 2007, 74, 259.	2.7	11
49	Differential expression of a C-terminal splice variant of phosphatidylinositol transfer protein Î² lacking the constitutive-phosphorylated Ser262 that localizes to the Golgi compartment. Biochemical Journal, 2006, 398, 411-421.	3.7	20
50	Membrane targeting and activation of the Lowe syndrome protein OCRL1 by rab GTPases. EMBO Journal, 2006, 25, 3750-3761.	7.8	140
51	The latest phospholipase C, PLCÎ·, is implicated in neuronal function. Trends in Biochemical Sciences, 2006, 31, 4-7.	7.5	59
52	Reconstitution System Based on Cytosol-Depleted Cells to Study the Regulation of Phospholipase D. , 2006, 332, 291-310.		0
53	Measurement of Phospholipase C by Monitoring Inositol Phosphates Using [³H]Inositol-Labeling Protocols in Permeabilized Cells. , 2005, 312, 183-194.		0
54	Identification of phospholipase B from Dictyostelium discoideum reveals a new lipase family present in mammals, flies and nematodes, but not yeast. Biochemical Journal, 2004, 382, 441-449.	3.7	32

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55	Phosphorylation of a Distinct Structural Form of Phosphatidylinositol Transfer Protein Î± at Ser166 by Protein Kinase C Disrupts Receptor-mediated Phospholipase C Signaling by Inhibiting Delivery of Phosphatidylinositol to Membranes. Journal of Biological Chemistry, 2004, 279, 47159-47171.	3.4	21
56	Monomeric IgE Stimulates NFAT Translocation Into the Nucleus, a Rise in Cytosol Ca2+, Degranulation, and Membrane Ruffling in the Cultured Rat Basophilic Leukemia-2H3 Mast Cell Line. Journal of Immunology, 2004, 172, 4048-4058.	0.8	84
57	Structure-Function Analysis of Phosphatidylinositol Transfer Protein Alpha Bound to Human Phosphatidylinositol. Structure, 2004, 12, 317-326.	3.3	90
58	Acyl chain-based molecular selectivity for HL60 cellular phosphatidylinositol and of phosphatidylcholine by phosphatidylinositol transfer protein Î±. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2004, 1686, 50-60.	2.4	27
59	EGF Regulation of PITP Dynamics Is Blocked by Inhibitors of Phospholipase C and of the Ras-MAP Kinase Pathway. Current Biology, 2003, 13, 78-84.	3.9	40
60	Endogenous phospholipase D2 localizes to the plasma membrane of RBL-2H3 mast cells and can be distinguished from ADP ribosylation factor-stimulated phospholipase D1 activity by its specific sensitivity to oleic acid. Biochemical Journal, 2003, 369, 319-329.	3.7	70
61	Phosphatidylinositol Transfer Proteins. , 2003, , 225-228.		0
62	Mechanism of ADP Ribosylation Factor-stimulated Phosphatidylinositol 4,5-Bisphosphate Synthesis in HL60 Cells. Journal of Biological Chemistry, 2002, 277, 5823-5831.	3.4	105
63	Continual Production of Phosphatidic Acid by Phospholipase D Is Essential for Antigen-stimulated Membrane Ruffling in Cultured Mast Cells. Molecular Biology of the Cell, 2002, 13, 3730-3746.	2.1	98
64	Phosphatidylinositol transfer protein Î² displays minimal sphingomyelin transfer activity and is not required for biosynthesis and trafficking of sphingomyelin. Biochemical Journal, 2002, 366, 23-34.	3.7	37
65	Current thoughts on the phosphatidylinositol transfer protein family. FEBS Letters, 2002, 531, 74-80.	2.8	73
66	Spermine increases phosphatidylinositol 4,5-bisphosphate content in permeabilized and nonpermeabilized HL60 cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2002, 1584, 20-30.	2.4	11
67	Signalling role for ARF and phospholipase D in mast cell exocytosis stimulated by crosslinking of the high affinity FcÎµR1 receptor. Molecular Immunology, 2002, 38, 1277-1282.	2.2	35
68	Co-operation of phosphatidylinositol transfer protein with phosphoinositide 3-kinase Î³ in vitro. Advances in Enzyme Regulation, 2002, 42, 53-61.	2.6	15
69	Phosphatidylinositol transfer proteins couple lipid transport to phosphoinositide synthesis. Seminars in Cell and Developmental Biology, 2001, 12, 183-191.	5.0	49
70	The PITP family of phosphatidylinositol transfer proteins. Genome Biology, 2001, 2, reviews3011.1.	9.6	48
71	Use of fluorescent Ca2+ dyes with green fluorescent protein and its variants: problems and solutions. Biochemical Journal, 2001, 356, 345-352.	3.7	40
72	[38] Biological properties and measurement of phospholipase D activation by ADP-ribosylation factor (ARF). Methods in Enzymology, 2001, 329, 355-372.	1.0	5

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73	Inositol Lipids as Spatial Regulators of Membrane Traffic. Journal of Membrane Biology, 2001, 180, 187-194.	2.1	75
74	Use of fluorescent Ca2+ dyes with green fluorescent protein and its variants: problems and solutions. Biochemical Journal, 2001, 356, 345.	3.7	22
75	Purification and cloning of phosphatidylinositol transfer proteins from Dictyostelium discoideum: homologues of both mammalian PITPs and Saccharomyces cerevisiae Sec14p are found in the same cell. Biochemical Journal, 2000, 347, 837-843.	3.7	26
76	Purification and cloning of phosphatidylinositol transfer proteins from Dictyostelium discoideum: homologues of both mammalian PITPs and Saccharomyces cerevisiae Sec14p are found in the same cell. Biochemical Journal, 2000, 347, 837.	3.7	10
77	Activation of exocytosis by cross-linking of the IgE receptor is dependent on ADP-ribosylation factor 1-regulated phospholipase D in RBL-2H3 mast cells: evidence that the mechanism of activation is via regulation of phosphatidylinositol 4,5-bisphosphate synthesis. Biochemical Journal, 2000, 346, 63-70.	3.7	67
78	Type I Phosphatidylinositol 4-Phosphate 5-Kinase Directly Interacts with ADP-ribosylation Factor 1 and Is Responsible for Phosphatidylinositol 4,5-Bisphosphate Synthesis in the Golgi Compartment. Journal of Biological Chemistry, 2000, 275, 13962-13966.	3.4	159
79	Activation of exocytosis by cross-linking of the IgE receptor is dependent on ADP-ribosylation factor 1-regulated phospholipase D in RBL-2H3 mast cells: evidence that the mechanism of activation is via regulation of phosphatidylinositol 4,5-bisphosphate synthesis. Biochemical Journal, 2000, 346, 63.	3.7	28
80	Measurement of Inositol (Poly)phosphate Formation Using [³H]Inositol Labeling Protocols in Permeabilized Cells. , 1999, 114, 165-174.		2
81	Mammalian phosphatidylinositol transfer proteins: emerging roles in signal transduction and vesicular traffic. Chemistry and Physics of Lipids, 1999, 98, 23-33.	3.2	51
82	The art of learning. Trends in Cell Biology, 1999, 9, 121-122.	7.9	0
83	Phospholipase D and membrane traffic. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 1999, 1439, 229-244.	2.4	158
84	Yeast Sec14p Deficient in Phosphatidylinositol Transfer Activity Is Functional In Vivo. Molecular Cell, 1999, 4, 187-197.	9.7	131
85	Reconstitution of GTPÎ³S-Induced NADPH Oxidase Activity in Streptolysin-O-Permeabilized Neutrophils by Specific Cytosol Fractions. Biochemical and Biophysical Research Communications, 1999, 265, 29-37.	2.1	8
86	Resynthesis of phosphatidylinositol in permeabilized neutrophils following phospholipase CÎ² activation: transport of the intermediate, phosphatidic acid, from the plasma membrane to the endoplasmic reticulum for phosphatidylinositol resynthesis is not dependent on soluble lipid carriers or vesicular transport. Biochemical Journal, 1999, 341, 435-444.	3.7	32
87	Phosphorylation and the Regulation of PITPÎ± Function. Biochemical Society Transactions, 1999, 27, A102-A102.	3.4	0
88	PITPÎ± availability limits IP3-mediated Ca2+ signalling. Biochemical Society Transactions, 1999, 27, A102-A102.	3.4	0
89	The role of ARF and PLD in regulated exocytosis. Biochemical Society Transactions, 1999, 27, A103-A103.	3.4	0
90	ADP ribosylation factor 1 mutants identify a phospholipase D effector region and reveal that phospholipase D participates in lysosomal secretion but is not sufficient for recruitment of coatomer I. Biochemical Journal, 1999, 341, 185-192.	3.7	58

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91	ARF, a multi-functional GTPase as a co-ordinator of membrane traffic â€" Is ARF-regulated phospholipase D the answer to everything?. Biochemical Society Transactions, 1999, 27, A75-A75.	3.4	0
92	Identification of Phosphatidylinositol transfer proteins from Dictyostelium. Biochemical Society Transactions, 1999, 27, A102-A102.	3.4	0
93	LOCALISATION OF PHOSPHATIDYLINOSITOL TRANSFER PROTEINS IN GRANULOCYTES. Biochemical Society Transactions, 1999, 27, A103-A103.	3.4	0
94	THE ROLE OF ARF AND PHOSPHOLIPASE D IN COAT RECRUITMENT AND REGULATED EXOCYTIC SECRETION. Biochemical Society Transactions, 1999, 27, A103-A103.	3.4	0
95	ADP ribosylation factor 1 mutants identify a phospholipase D effector region and reveal that phospholipase D participates in lysosomal secretion but is not sufficient for recruitment of coatomer I. Biochemical Journal, 1999, 341, 185.	3.7	21
96	Resynthesis of phosphatidylinositol in permeabilized neutrophils following phospholipase CÎ² activation: transport of the intermediate, phosphatidic acid, from the plasma membrane to the endoplasmic reticulum for phosphatidylinositol resynthesis is not dependent on soluble lipid carriers or vesicular transport. Biochemical Journal, 1999, 341, 435.	3.7	11
97	Regulatory roles of phosphatidylinositol (4,5) bisphosphate in cell signaling, membrane traffic, and the cytoskeleton. Advances in Cellular and Molecular Biology of Membranes and Organelles, 1999, 5, 233-263.	0.3	0
98	Sticky fingers grab a lipid. Nature, 1998, 394, 426-427.	27.8	70
99	Tricks for handling the slippery elements in signaling. Trends in Biochemical Sciences, 1998, 23, 407-408.	7.5	0
100	Phosphatidylinositol transfer proteins: a requirement in signal transduction and vesicle traffic. BioEssays, 1998, 20, 423-432.	2.5	81
101	The Role of Phosphatidylinositol Transfer Proteins (PITPs) in Intracellular Signalling. Trends in Endocrinology and Metabolism, 1998, 9, 324-328.	7.1	11
102	ARF1 Mediates Paxillin Recruitment to Focal Adhesions and Potentiates Rho-stimulated Stress Fiber Formation in Intact and Permeabilized Swiss 3T3 Fibroblasts. Journal of Cell Biology, 1998, 143, 1981-1995.	5.2	146
103	ADP-ribosylation Factor and Rho Proteins Mediate fMLP-dependent Activation of Phospholipase D in Human Neutrophils. Journal of Biological Chemistry, 1998, 273, 13157-13164.	3.4	95
104	Reconstitution System Based on Cytosol-Depleted Cells to Study the Regulation of Phospholipases C and D. , 1998, 84, 185-198.		1
105	Phosphatidylinositol transfer proteins: a requirement in signal transduction and vesicle traffic. BioEssays, 1998, 20, 423-432.	2.5	1
106	The First 5 Amino Acids of the Carboxyl Terminus of Phosphatidylinositol Transfer Protein (PITP) Î± Play a Critical Role in Inositol Lipid Signaling. Journal of Biological Chemistry, 1997, 272, 14908-14913.	3.4	33
107	Co-operation of phosphatidylinositol transfer protein with phosphoinositide 3-kinase Î³ in the formylmethionyl-leucylphenylalanine-dependent production of phosphatidylinositol 3,4,5-trisphosphate in human neutrophils. Biochemical Journal, 1997, 325, 299-301.	3.7	57
108	Deletion of 24 amino acids from the C-terminus of phosphatidylinositol transfer protein causes loss of phospholipase C-mediated inositol lipid signalling. Biochemical Journal, 1997, 324, 19-23.	3.7	19

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109	Regulation of inositol lipid-specific phospholipase CÎ´ by changes in Ca2+ ion concentrations. Biochemical Journal, 1997, 327, 545-552.	3.7	192
110	Phosphatidylinositol transfer proteins: requirements in phospholipase C signaling and in regulated exocytosis. FEBS Letters, 1997, 410, 44-48.	2.8	18
111	Characterization of p150, an Adaptor Protein for the Human Phosphatidylinositol (PtdIns) 3-Kinase. Journal of Biological Chemistry, 1997, 272, 2477-2485.	3.4	199
112	Subcellular localisation of ARF1-regulated phospholipase D in HL60 cells. , 1997, , 99-112.		0
113	The yeast and mammalian isoforms of phosphatidylinositol transfer protein can all restore phospholipase C-mediated inositol lipid signaling in cytosol-depleted RBL-2H3 and HL-60 cells.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 6589-6593.	7.1	115
114	Didecanoyl phosphatidylcholine is a superior substrate for assaying mammalian phospholipase D. Biochemical Journal, 1996, 319, 861-864.	3.7	26
115	ARF and PITP restore GTPÎ³S-stimulated protein secretion from cytosol-depleted HL60 cells by promoting PIP2 synthesis. Current Biology, 1996, 6, 730-738.	3.9	171
116	ARF-regulated phospholipase D: a potential role in membrane traffic. Chemistry and Physics of Lipids, 1996, 80, 59-80.	3.2	53
117	Phosphatidylinositol transfer protein dictates the rate of inositol trisphosphate production by promoting the synthesis of PIP2. Current Biology, 1995, 5, 775-783.	3.9	167
118	The structure of rat ADP-ribosylation factor-1 (ARF-1) complexed to GDP determined from two different crystal forms. Nature Structural and Molecular Biology, 1995, 2, 797-806.	8.2	107
119	[13] Purification of phosphatidylinositol transfer protein from brain cytosol for reconstituting G-protein-regulated phosphoinositide-specific phospholipase C-Î². Methods in Enzymology, 1994, 238, 168-181.	1.0	5
120	Crystallization and Preliminary X-ray Diffraction Studies on ADP-ribosylation Factor 1. Journal of Molecular Biology, 1994, 244, 651-653.	4.2	2
121	ARF1(2-17) does not specifically interact with ARF1-dependent pathways. FEBS Letters, 1994, 349, 34-38.	2.8	21
122	ARF1-regulated phospholipase D in human neutrophils is enhanced by PMA and MgATP. FEBS Letters, 1994, 352, 113-117.	2.8	33
123	[12] Use of cytosol-depleted HL-60 cells for reconstitution studies of G-protein-regulated phosphoinositide-specific phospholipase C-Î² isozymes. Methods in Enzymology, 1994, 238, 154-168.	1.0	16
124	Rat brain cytosol contains a factor which reconstitutes guanine-nucleotide-binding-protein-regulated phospholipase-D activation in HL60 cells previously permeabilized with streptolysin O. FEBS Journal, 1993, 215, 389-396.	0.2	40
125	An essential role for phosphatidylinositol transfer protein in phospholipase C-Mediated inositol lipid signaling. Cell, 1993, 74, 919-928.	28.9	224
126	Chemotactic peptide stimulation of arachidonic acid release in HL60 cells, an interaction between G protein and phospholipase C mediated signal transduction. Biochimica Et Biophysica Acta - Molecular Cell Research, 1991, 1095, 83-89.	4.1	19

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127	Regulation of cytosolic phosphoinositide-phospholipase C by G-protein, GP. Biochemical Society Transactions, 1991, 19, 299-302.	3.4	9
128	Is phospholipase A2 activation regulated by G-proteins?. Biochemical Society Transactions, 1991, 19, 333-336.	3.4	40
129	The differentiating agent, retinoic acid, causes an early inhibition of inositol lipid-specific phospholipase C activity in HL-60 cells. Cellular Signalling, 1991, 3, 11-23.	3.6	20
130	Characterization of fMet-Leu-Phe-stimulated phospholipase C in streptolysin-O-permeabilised cells. FEBS Journal, 1991, 197, 119-125.	0.2	15
131	Evidence that the CD45 phosphatase regulates the activity of the phospholipase C in mouse T lymphocytes. European Journal of Immunology, 1991, 21, 195-201.	2.9	17
132	G-proteins and exocytotic secretion in phagocytic cells. FEMS Microbiology Letters, 1990, 64, 3-8.	1.8	2
133	Undifferentiated HL60 cells respond to extracellular ATP and UTP by stimulating phospholipase C activation and exocytosis. FEBS Letters, 1990, 262, 256-258.	2.8	47
134	Phorbol ester inhibits polyphosphoinositide phosphodiesterase activity stimulated by either Ca2+, fluoride or GTP analogue in HL60 membranes and in permeabilized HL60 cells. Cellular Signalling, 1989, 1, 165-172.	3.6	23
135	ATP stimulates secretion in human neutrophils and HL60 cells via a pertussis toxin-sensitive guanine nucleotide-binding protein coupled to phospholipase C. FEBS Letters, 1989, 245, 25-29.	2.8	96
136	The Role of G-Proteins in Exocytosis. , 1989, , 102-109.		0
137	Phorbol esters inhibit inositol phosphate and diacylglycerol formation in proliferating HL60 cells Relationship to differentiation. FEBS Letters, 1988, 233, 239-243.	2.8	12
138	Effects of phorbol ester on inositol trisphosphate production and secretion in permeabilized HL 60 cells. Biochemical Society Transactions, 1988, 16, 994-995.	3.4	4
139	Polyphosphoinositide phosphodiesterase: regulation by a novel guanine nucleotide binding protein, Gp. Trends in Biochemical Sciences, 1987, 12, 75-78.	7.5	359
140	The dual effector system for exocytosis in mast cells: Obligatory requirement for both Ca2+ and GTP. Bioscience Reports, 1987, 7, 369-381.	2.4	47
141	Role of guanine nucleotide binding protein in the activation of polyphosphoinositide phosphodiesterase. Nature, 1985, 314, 534-536.	27.8	985
142	Stimulated neutrophils from patients with autosomal recessive chronic granulomatous disease fail to phosphorylate a Mr-44,000 protein. Nature, 1985, 316, 547-549.	27.8	288
143	Subcellular localisation of inositol lipid kinases in rat liver. Biochimica Et Biophysica Acta - Molecular Cell Research, 1985, 845, 163-170.	4.1	73
144	Breakdown and synthesis of polyphosphoinositides in fMetLeuPhe-stimulated neutrophils. FEBS Letters, 1985, 181, 259-263.	2.8	85

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145	Ca2+-dependent conversion of phosphatidylinositol to phosphatidate in neutrophils stimulated with fMet-Leu-Phe or ionophore A23187. Lipids and Lipid Metabolism, 1984, 795, 37-46.	2.6	149
146	Contrasting roles for receptor-stimulated inositol lipid metabolism in secretory cells. Biochemical Society Transactions, 1984, 12, 966-968.	3.4	15
147	Phosphatidylinositol metabolism in mast cells and neutrophils. Cell Calcium, 1982, 3, 337-349.	2.4	41
148	Does phosphatidylinositol breakdown control the Ca2+-gating mechanism?. Trends in Pharmacological Sciences, 1981, 2, 340-342.	8.7	74
149	DIRECT CONTROL OF CYTOSOL CALCIUM AND THE STIMULATION OF HISTAMINE SECRETION BY RAT MAST CELLS. , 1981, , 175-181.		0
150	Effects of alkylating antagonists on the stimulated turnover of phosphatidylinositol produced by a variety of calcium-mobilising receptor systems. Cell Calcium, 1980, 1, 49-68.	2.4	0
151	f-MetLeuPhe-induced phosphatidylinositol turnover in rabbit neutrophils is dependent on extracellular calcium. FEBS Letters, 1980, 110, 115-118.	2.8	57
152	ATP induces nucleotide permeability in rat mast cells. Nature, 1979, 279, 541-542.	27.8	243
153	Ionomycin stimulates mast cell histamine secretion by forming a lipid-soluble calcium complex. Nature, 1979, 282, 851-853.	27.8	86
154	Evidence for a role of phosphatidylinositol turnover in stimulusâ€“secretion coupling. Studies with rat peritoneal mast cells. Biochemical Journal, 1979, 178, 681-687.	3.7	105
155	Stimulation of phosphatidylinositol turnover in various tissues by cholinergic and adrenergic agonists, by histamine and by caerulein. Biochemical Journal, 1979, 182, 669-676.	3.7	79
156	Receptor occupancy dose-response curve suggests that phosphatidyl-inositol breakdown may be intrinsic to the mechanism of the muscarinic cholinergic receptor. FEBS Letters, 1976, 69, 1-5.	2.8	91