

Shamshad Cockcroft

List of Publications by Year in descending order

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156
papers

8,493
citations

50566

48
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54771

88
g-index

159
all docs

159
docs citations

159
times ranked

5124
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of guanine nucleotide binding protein in the activation of polyphosphoinositide phosphodiesterase. <i>Nature</i> , 1985, 314, 534-536.	13.7	985
2	Polyphosphoinositide phosphodiesterase: regulation by a novel guanine nucleotide binding protein, Gp. <i>Trends in Biochemical Sciences</i> , 1987, 12, 75-78.	3.7	359
3	Stimulated neutrophils from patients with autosomal recessive chronic granulomatous disease fail to phosphorylate a Mr-44,000 protein. <i>Nature</i> , 1985, 316, 547-549.	13.7	288
4	ATP induces nucleotide permeability in rat mast cells. <i>Nature</i> , 1979, 279, 541-542.	13.7	243
5	A new family of StART domain proteins at membrane contact sites has a role in ER-PM sterol transport. <i>ELife</i> , 2015, 4, .	2.8	227
6	An essential role for phosphatidylinositol transfer protein in phospholipase C-Mediated inositol lipid signaling. <i>Cell</i> , 1993, 74, 919-928.	13.5	224
7	Characterization of p150, an Adaptor Protein for the Human Phosphatidylinositol (PtdIns) 3-Kinase. <i>Journal of Biological Chemistry</i> , 1997, 272, 2477-2485.	1.6	199
8	Regulation of inositol lipid-specific phospholipase C β by changes in Ca ²⁺ ion concentrations. <i>Biochemical Journal</i> , 1997, 327, 545-552.	1.7	192
9	ARF and PITP restore GTP γ S-stimulated protein secretion from cytosol-depleted HL60 cells by promoting PIP2 synthesis. <i>Current Biology</i> , 1996, 6, 730-738.	1.8	171
10	Phosphatidylinositol transfer protein dictates the rate of inositol trisphosphate production by promoting the synthesis of PIP2. <i>Current Biology</i> , 1995, 5, 775-783.	1.8	167
11	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. <i>Journal of Biological Chemistry</i> , 2000, 275, 13962-13966.	1.6	159
12	Phospholipase D and membrane traffic. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 1999, 1439, 229-244.	1.2	158
13	Ca ²⁺ -dependent conversion of phosphatidylinositol to phosphatidate in neutrophils stimulated with fMet-Leu-Phe or ionophore A23187. <i>Lipids and Lipid Metabolism</i> , 1984, 795, 37-46.	2.6	149
14	ARF1 Mediates Paxillin Recruitment to Focal Adhesions and Potentiates Rho-stimulated Stress Fiber Formation in Intact and Permeabilized Swiss 3T3 Fibroblasts. <i>Journal of Cell Biology</i> , 1998, 143, 1981-1995.	2.3	146
15	Membrane targeting and activation of the Lowe syndrome protein OCRL1 by rab GTPases. <i>EMBO Journal</i> , 2006, 25, 3750-3761.	3.5	140
16	Yeast Sec14p Deficient in Phosphatidylinositol Transfer Activity Is Functional In Vivo. <i>Molecular Cell</i> , 1999, 4, 187-197.	4.5	131
17	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.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 6589-6593.	3.3	115
18	The structure of rat ADP-ribosylation factor-1 (ARF-1) complexed to GDP determined from two different crystal forms. <i>Nature Structural and Molecular Biology</i> , 1995, 2, 797-806.	3.6	107

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19	Evidence for a role of phosphatidylinositol turnover in stimulusâ€“secretion coupling. Studies with rat peritoneal mast cells. <i>Biochemical Journal</i> , 1979, 178, 681-687.	1.7	105
20	Mechanism of ADP Ribosylation Factor-stimulated Phosphatidylinositol 4,5-Bisphosphate Synthesis in HL60 Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 5823-5831.	1.6	105
21	Continual Production of Phosphatidic Acid by Phospholipase D Is Essential for Antigen-stimulated Membrane Ruffling in Cultured Mast Cells. <i>Molecular Biology of the Cell</i> , 2002, 13, 3730-3746.	0.9	98
22	ATP stimulates secretion in human neutrophils and HL60 cells via a pertussis toxin-sensitive guanine nucleotide-binding protein coupled to phospholipase C. <i>FEBS Letters</i> , 1989, 245, 25-29.	1.3	96
23	ADP-ribosylation Factor and Rho Proteins Mediate fMLP-dependent Activation of Phospholipase D in Human Neutrophils. <i>Journal of Biological Chemistry</i> , 1998, 273, 13157-13164.	1.6	95
24	Receptor occupancy dose-response curve suggests that phosphatidyl-inositol breakdown may be intrinsic to the mechanism of the muscarinic cholinergic receptor. <i>FEBS Letters</i> , 1976, 69, 1-5.	1.3	91
25	Structure-Function Analysis of Phosphatidylinositol Transfer Protein Alpha Bound to Human Phosphatidylinositol. <i>Structure</i> , 2004, 12, 317-326.	1.6	90
26	lonomycin stimulates mast cell histamine secretion by forming a lipid-soluble calcium complex. <i>Nature</i> , 1979, 282, 851-853.	13.7	86
27	Breakdown and synthesis of polyphosphoinositides in fMetLeuPhe-stimulated neutrophils. <i>FEBS Letters</i> , 1985, 181, 259-263.	1.3	85
28	Monomeric IgE Stimulates NFAT Translocation Into the Nucleus, a Rise in Cytosol Ca ²⁺ , Degranulation, and Membrane Ruffling in the Cultured Rat Basophilic Leukemia-2H3 Mast Cell Line. <i>Journal of Immunology</i> , 2004, 172, 4048-4058.	0.4	84
29	Phosphatidylinositol(4,5)bisphosphate: diverse functions at the plasma membrane. <i>Essays in Biochemistry</i> , 2020, 64, 513-531.	2.1	82
30	Phosphatidylinositol transfer proteins: a requirement in signal transduction and vesicle traffic. <i>BioEssays</i> , 1998, 20, 423-432.	1.2	81
31	Stimulation of phosphatidylinositol turnover in various tissues by cholinergic and adrenergic agonists, by histamine and by caerulein. <i>Biochemical Journal</i> , 1979, 182, 669-676.	1.7	79
32	Inositol Lipids as Spatial Regulators of Membrane Traffic. <i>Journal of Membrane Biology</i> , 2001, 180, 187-194.	1.0	75
33	Does phosphatidylinositol breakdown control the Ca ²⁺ -gating mechanism?. <i>Trends in Pharmacological Sciences</i> , 1981, 2, 340-342.	4.0	74
34	Biochemical and biological functions of class I phosphatidylinositol transfer proteins. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2007, 1771, 677-691.	1.2	74
35	Subcellular localisation of inositol lipid kinases in rat liver. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1985, 845, 163-170.	1.9	73
36	Current thoughts on the phosphatidylinositol transfer protein family. <i>FEBS Letters</i> , 2002, 531, 74-80.	1.3	73

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37	Phosphatidylinositol Transfer Protein, Cytoplasmic 1 (PITPNC1) Binds and Transfers Phosphatidic Acid. <i>Journal of Biological Chemistry</i> , 2012, 287, 32263-32276.	1.6	72
38	Sticky fingers grab a lipid. <i>Nature</i> , 1998, 394, 426-427.	13.7	70
39	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. <i>Biochemical Journal</i> , 2003, 369, 319-329.	1.7	70
40	RDGB1, a PI-PA transfer protein regulates G-protein coupled PtdIns(4,5)P2 signalling during <i>Drosophila</i> phototransduction. <i>Journal of Cell Science</i> , 2015, 128, 3330-44.	1.2	69
41	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. <i>Biochemical Journal</i> , 2000, 346, 63-70.	1.7	67
42	Phospholipid transport protein function at organelle contact sites. <i>Current Opinion in Cell Biology</i> , 2018, 53, 52-60.	2.6	62
43	The latest phospholipase C, PLC δ , is implicated in neuronal function. <i>Trends in Biochemical Sciences</i> , 2006, 31, 4-7.	3.7	59
44	CDP-Diacylglycerol Synthases (CDS): Gateway to Phosphatidylinositol and Cardiolipin Synthesis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 63.	1.8	59
45	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 coatamer I. <i>Biochemical Journal</i> , 1999, 341, 185-192.	1.7	58
46	f-MetLeuPhe-induced phosphatidylinositol turnover in rabbit neutrophils is dependent on extracellular calcium. <i>FEBS Letters</i> , 1980, 110, 115-118.	1.3	57
47	Co-operation of phosphatidylinositol transfer protein with phosphoinositide 3-kinase β in the formylmethionyl-leucylphenylalanine-dependent production of phosphatidylinositol 3,4,5-trisphosphate in human neutrophils. <i>Biochemical Journal</i> , 1997, 325, 299-301.	1.7	57
48	ARF-regulated phospholipase D: a potential role in membrane traffic. <i>Chemistry and Physics of Lipids</i> , 1996, 80, 59-80.	1.5	53
49	Mammalian phosphatidylinositol transfer proteins: emerging roles in signal transduction and vesicular traffic. <i>Chemistry and Physics of Lipids</i> , 1999, 98, 23-33.	1.5	51
50	Phosphatidic acid regulation of phosphatidylinositol 4-phosphate 5-kinases. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009, 1791, 905-912.	1.2	50
51	Phosphatidylinositol transfer proteins couple lipid transport to phosphoinositide synthesis. <i>Seminars in Cell and Developmental Biology</i> , 2001, 12, 183-191.	2.3	49
52	Regulation of PI3K signalling by the phosphatidylinositol transfer protein PITP δ during axonal extension in hippocampal neurons. <i>Journal of Cell Science</i> , 2008, 121, 796-803.	1.2	49
53	Phosphatidylinositol- and phosphatidylcholine-transfer activity of PITP β is essential for COPI-mediated retrograde transport from the Golgi to the endoplasmic reticulum. <i>Journal of Cell Science</i> , 2010, 123, 1262-1273.	1.2	49
54	The PITP family of phosphatidylinositol transfer proteins. <i>Genome Biology</i> , 2001, 2, reviews3011.1.	13.9	48

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55	Phospholipase C families: Common themes and versatility in physiology and pathology. <i>Progress in Lipid Research</i> , 2020, 80, 101065.	5.3	48
56	The dual effector system for exocytosis in mast cells: Obligatory requirement for both Ca ²⁺ and GTP. <i>Bioscience Reports</i> , 1987, 7, 369-381.	1.1	47
57	Undifferentiated HL60 cells respond to extracellular ATP and UTP by stimulating phospholipase C activation and exocytosis. <i>FEBS Letters</i> , 1990, 262, 256-258.	1.3	47
58	Phosphatidylinositol synthesis at the endoplasmic reticulum. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158471.	1.2	47
59	Mammalian lipids: structure, synthesis and function. <i>Essays in Biochemistry</i> , 2021, 65, 813-845.	2.1	46
60	Phosphatidylinositol metabolism in mast cells and neutrophils. <i>Cell Calcium</i> , 1982, 3, 337-349.	1.1	41
61	Is phospholipase A2 activation regulated by G-proteins?. <i>Biochemical Society Transactions</i> , 1991, 19, 333-336.	1.6	40
62	Rat brain cytosol contains a factor which reconstitutes guanine-nucleotide-binding-protein-regulated phospholipase-D activation in HL60 cells previously permeabilized with streptolysin O. <i>FEBS Journal</i> , 1993, 215, 389-396.	0.2	40
63	Use of fluorescent Ca ²⁺ dyes with green fluorescent protein and its variants: problems and solutions. <i>Biochemical Journal</i> , 2001, 356, 345-352.	1.7	40
64	EGF Regulation of P13K Dynamics Is Blocked by Inhibitors of Phospholipase C and of the Ras-MAP Kinase Pathway. <i>Current Biology</i> , 2003, 13, 78-84.	1.8	40
65	Dynamics of Lipid Transfer by Phosphatidylinositol Transfer Proteins in Cells. <i>Traffic</i> , 2008, 9, 1743-1756.	1.3	39
66	Function of the phosphatidylinositol transfer protein gene family: is phosphatidylinositol transfer the mechanism of action?. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2011, 46, 89-117.	2.3	38
67	Phosphatidylinositol transfer protein \hat{I}^2 displays minimal sphingomyelin transfer activity and is not required for biosynthesis and trafficking of sphingomyelin. <i>Biochemical Journal</i> , 2002, 366, 23-34.	1.7	37
68	Signalling role for ARF and phospholipase D in mast cell exocytosis stimulated by crosslinking of the high affinity Fc μ R1 receptor. <i>Molecular Immunology</i> , 2002, 38, 1277-1282.	1.0	35
69	A unique phosphatidylinositol 4-phosphate 5-kinase is activated by ADP-ribosylation factor in <i>Plasmodium falciparum</i> . <i>International Journal for Parasitology</i> , 2009, 39, 645-653.	1.3	35
70	Identification of a <i>Plasmodium falciparum</i> Phospholipid Transfer Protein. <i>Journal of Biological Chemistry</i> , 2013, 288, 31971-31983.	1.6	35
71	ARF1-regulated phospholipase D in human neutrophils is enhanced by PMA and MgATP. <i>FEBS Letters</i> , 1994, 352, 113-117.	1.3	33
72	The First 5 Amino Acids of the Carboxyl Terminus of Phosphatidylinositol Transfer Protein (PITP) \hat{I}^2 Play a Critical Role in Inositol Lipid Signaling. <i>Journal of Biological Chemistry</i> , 1997, 272, 14908-14913.	1.6	33

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73	Human ITPK1: A Reversible Inositol Phosphate Kinase/Phosphatase That Links Receptor-Dependent Phospholipase C to Ca ²⁺ -Activated Chloride Channels. <i>Science Signaling</i> , 2008, 1, pe5.	1.6	33
74	Resynthesis of phosphatidylinositol in permeabilized neutrophils following phospholipase C ² 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. <i>Biochemical Journal</i> , 1999, 341, 435-444.	1.7	32
75	Identification of phospholipase B from <i>Dictyostelium discoideum</i> reveals a new lipase family present in mammals, flies and nematodes, but not yeast. <i>Biochemical Journal</i> , 2004, 382, 441-449.	1.7	32
76	Mitochondrial CDP-diacylglycerol synthase activity is due to the peripheral protein, TAMM41 and not due to the integral membrane protein, CDP-diacylglycerol synthase 1. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 284-298.	1.2	32
77	PA binding of phosphatidylinositol 4-phosphate 5-kinase. <i>Advances in Enzyme Regulation</i> , 2008, 48, 55-72.	2.9	31
78	The Diverse Functions of Phosphatidylinositol Transfer Proteins. <i>Current Topics in Microbiology and Immunology</i> , 2012, 362, 185-208.	0.7	31
79	Topological organisation of the phosphatidylinositol 4,5-bisphosphate- α -phospholipase C resynthesis cycle: PITPs bridge the ER-PM gap. <i>Biochemical Journal</i> , 2016, 473, 4289-4310.	1.7	29
80	Reversible bleb formation in mast cells stimulated with antigen is Ca ²⁺ /calmodulin-dependent and bleb size is regulated by ARF6. <i>Biochemical Journal</i> , 2010, 425, 179-193.	1.7	28
81	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. <i>Biochemical Journal</i> , 2000, 346, 63.	1.7	28
82	Acyl chain-based molecular selectivity for HL60 cellular phosphatidylinositol and of phosphatidylcholine by phosphatidylinositol transfer protein β . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2004, 1686, 50-60.	1.2	27
83	Didecanoyl phosphatidylcholine is a superior substrate for assaying mammalian phospholipase D. <i>Biochemical Journal</i> , 1996, 319, 861-864.	1.7	26
84	Purification and cloning of phosphatidylinositol transfer proteins from <i>Dictyostelium discoideum</i> : homologues of both mammalian PITPs and <i>Saccharomyces cerevisiae</i> Sec14p are found in the same cell. <i>Biochemical Journal</i> , 2000, 347, 837-843.	1.7	26
85	The phosphatidylinositol transfer protein RdgB ² binds 14-3-3 via its unstructured C-terminus, whereas its lipid-binding domain interacts with the integral membrane protein ATRAP (angiotensin II type I) Tj ETQq1 1 0.7843 14 rgB ² Overlo		
86	RdgB ¹ reciprocally transfers PA and PI at ER-PM contact sites to maintain PI(4,5)P ₂ homeostasis during phospholipase C signalling in <i>Drosophila</i> photoreceptors. <i>Biochemical Society Transactions</i> , 2016, 44, 286-292.	1.6	24
87	Pitpnc1a Regulates Zebrafish Sleep and Wake Behavior through Modulation of Insulin-like Growth Factor Signaling. <i>Cell Reports</i> , 2018, 24, 1389-1396.	2.9	24
88	Phorbol ester inhibits polyphosphoinositide phosphodiesterase activity stimulated by either Ca ²⁺ , fluoride or GTP analogue in HL60 membranes and in permeabilized HL60 cells. <i>Cellular Signalling</i> , 1989, 1, 165-172.	1.7	23
89	Phosphatidylinositol transfer protein- β in platelets is inconsequential for thrombosis yet is utilized for tumor metastasis. <i>Nature Communications</i> , 2017, 8, 1216.	5.8	22
90	Use of fluorescent Ca ²⁺ dyes with green fluorescent protein and its variants: problems and solutions. <i>Biochemical Journal</i> , 2001, 356, 345.	1.7	22

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91	ARF1(2-17) does not specifically interact with ARF1-dependent pathways. FEBS Letters, 1994, 349, 34-38.	1.3	21
92	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 coatamer I. Biochemical Journal, 1999, 341, 185.	1.7	21
93	Phosphorylation of a Distinct Structural Form of Phosphatidylinositol Transfer Protein $\hat{1}\pm$ 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.	1.6	21
94	Potential role for phosphatidylinositol transfer protein (PITP) family in lipid transfer during phospholipase C signalling. Advances in Biological Regulation, 2013, 53, 280-291.	1.4	21
95	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.	1.7	20
96	Differential expression of a C-terminal splice variant of phosphatidylinositol transfer protein $\hat{1}2$ lacking the constitutive-phosphorylated Ser262 that localizes to the Golgi compartment. Biochemical Journal, 2006, 398, 411-421.	1.7	20
97	Phosphatidylinositol binding of <i>Saccharomyces cerevisiae</i> 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.	1.2	20
98	The <i>Drosophila</i> photoreceptor as a model system for studying signalling at membrane contact sites. Biochemical Society Transactions, 2016, 44, 447-451.	1.6	20
99	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.	1.9	19
100	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.	1.7	19
101	Phosphatidylinositol transfer proteins: requirements in phospholipase C signaling and in regulated exocytosis. FEBS Letters, 1997, 410, 44-48.	1.3	18
102	Bromo-enol lactone, an inhibitor of Group VIA calcium-independent phospholipase A2 inhibits antigen-stimulated mast cell exocytosis without blocking Ca ²⁺ influx. Cell Calcium, 2007, 41, 145-153.	1.1	18
103	Signalling through phospholipase C interferes with clathrin-mediated endocytosis. Cellular Signalling, 2007, 19, 42-51.	1.7	18
104	Evidence that the CD45 phosphatase regulates the activity of the phospholipase C in mouse T lymphocytes. European Journal of Immunology, 1991, 21, 195-201.	1.6	17
105	[12] Use of cytosol-depleted HL-60 cells for reconstitution studies of G-protein-regulated phosphoinositide-specific phospholipase C- $\hat{1}2$ isozymes. Methods in Enzymology, 1994, 238, 154-168.	0.4	16
106	Contrasting roles for receptor-stimulated inositol lipid metabolism in secretory cells. Biochemical Society Transactions, 1984, 12, 966-968.	1.6	15
107	Characterization of fMet-Leu-Phe-stimulated phospholipase C in streptolysin-O-permeabilised cells. FEBS Journal, 1991, 197, 119-125.	0.2	15
108	Co-operation of phosphatidylinositol transfer protein with phosphoinositide 3-kinase $\hat{1}3$ in vitro. Advances in Enzyme Regulation, 2002, 42, 53-61.	2.9	15

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109	Trafficking of phosphatidylinositol by phosphatidylinositol transfer proteins. <i>Biochemical Society Symposia</i> , 2007, 74, 259-271.	2.7	14
110	Courier service for phosphatidylinositol: PITPs deliver on demand. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158985.	1.2	14
111	Phorbol esters inhibit inositol phosphate and diacylglycerol formation in proliferating HL60 cells Relationship to differentiation. <i>FEBS Letters</i> , 1988, 233, 239-243.	1.3	12
112	The Role of Phosphatidylinositol Transfer Proteins (PITPs) in Intracellular Signalling. <i>Trends in Endocrinology and Metabolism</i> , 1998, 9, 324-328.	3.1	11
113	Resynthesis of phosphatidylinositol in permeabilized neutrophils following phospholipase C ² 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. <i>Biochemical Journal</i> , 1999, 341, 435.	1.7	11
114	Spermine increases phosphatidylinositol 4,5-bisphosphate content in permeabilized and nonpermeabilized HL60 cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2002, 1584, 20-30.	1.2	11
115	14-3-3 protein and ATRAP bind to the soluble class IIB phosphatidylinositol transfer protein RdgB ² at distinct sites. <i>Biochemical Society Transactions</i> , 2012, 40, 451-456.	1.6	11
116	Trafficking of phosphatidylinositol by phosphatidylinositol transfer proteins. <i>Biochemical Society Symposia</i> , 2007, 74, 259.	2.7	11
117	Purification and cloning of phosphatidylinositol transfer proteins from <i>Dictyostelium discoideum</i> : homologues of both mammalian PITPs and <i>Saccharomyces cerevisiae</i> Sec14p are found in the same cell. <i>Biochemical Journal</i> , 2000, 347, 837.	1.7	10
118	Sustained phospholipase C stimulation of H9c2 cardiomyoblasts by vasopressin induces an increase in CDP-diacylglycerol synthase 1 (CDS1) through protein kinase C and cFos. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1072-1082.	1.2	10
119	Regulation of cytosolic phosphoinositide-phospholipase C by G-protein, GP. <i>Biochemical Society Transactions</i> , 1991, 19, 299-302.	1.6	9
120	Insulin uptake across the luminal membrane of the rat proximal tubule in vivo and in vitro. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F1227-F1237.	1.3	9
121	Reconstitution of GTP ³ S-Induced NADPH Oxidase Activity in Streptolysin-O-Permeabilized Neutrophils by Specific Cytosol Fractions. <i>Biochemical and Biophysical Research Communications</i> , 1999, 265, 29-37.	1.0	8
122	Special Issue on Phospholipase D. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009, 1791, 837-838.	1.2	6
123	Ligand and membrane-binding behavior of the phosphatidylinositol transfer proteins PITP [±] and PITP ² . <i>Biochemistry and Cell Biology</i> , 2016, 94, 528-533.	0.9	6
124	[13] Purification of phosphatidylinositol transfer protein from brain cytosol for reconstituting G-protein-regulated phosphoinositide-specific phospholipase C- ² . <i>Methods in Enzymology</i> , 1994, 238, 168-181.	0.4	5
125	[38] Biological properties and measurement of phospholipase D activation by ADP-ribosylation factor (ARF). <i>Methods in Enzymology</i> , 2001, 329, 355-372.	0.4	5
126	Effects of phorbol ester on inositol trisphosphate production and secretion in permeabilized HL 60 cells. <i>Biochemical Society Transactions</i> , 1988, 16, 994-995.	1.6	4

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127	Mammalian PITPs at the Golgi and ER-Golgi Membrane Contact Sites. Contact (Thousand Oaks (Ventura) Tj ETQq1 1 0.784314 rgBT / 0v	0.4	3
128	Measurement of Phosphatidylinositol and Phosphatidylcholine Binding and Transfer Activity of the Lipid Transport Protein PITP. Methods in Molecular Biology, 2009, 462, 1-15.	0.4	3
129	G-proteins and exocytotic secretion in phagocytic cells. FEMS Microbiology Letters, 1990, 64, 3-8.	0.7	2
130	Crystallization and Preliminary X-ray Diffraction Studies on ADP-ribosylation Factor 1. Journal of Molecular Biology, 1994, 244, 651-653.	2.0	2
131	Measurement of Inositol (Poly)phosphate Formation Using [³ H]Inositol Labeling Protocols in Permeabilized Cells. , 1999, 114, 165-174.		2
132	Measurement of Phospholipase C by Monitoring Inositol Phosphates Using [3H]Inositol Labeling Protocols in Permeabilized Cells. Methods in Molecular Biology, 2013, 937, 163-174.	0.4	2
133	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.	1.2	2
134	Reconstitution System Based on Cytosol-Depleted Cells to Study the Regulation of Phospholipases C and D. , 1998, 84, 185-198.		1
135	Phosphatidylinositol transfer proteins: a requirement in signal transduction and vesicle traffic. , 1998, 20, 423.		1
136	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.	1.1	0
137	Tricks for handling the slippery elements in signaling. Trends in Biochemical Sciences, 1998, 23, 407-408.	3.7	0
138	The art of learning. Trends in Cell Biology, 1999, 9, 121-122.	3.6	0
139	Phosphorylation and the Regulation of PITP β Function. Biochemical Society Transactions, 1999, 27, A102-A102.	1.6	0
140	PITP β availability limits IP3-mediated Ca ²⁺ signalling. Biochemical Society Transactions, 1999, 27, A102-A102.	1.6	0
141	The role of ARF and PLD in regulated exocytosis. Biochemical Society Transactions, 1999, 27, A103-A103.	1.6	0
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