

Robert Hall Michell

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

157 papers	11,971 citations	54 h-index	108 g-index
164 ext. papers	12,444 ext. citations	8.7 avg, IF	6.15 L-index

#	Paper	IF	Citations
157	The reliability of biomedical science: A case history of a maturing experimental field.. <i>BioEssays</i> , 2022 , e2200020	4.1	
156	PIKfyve/Fab1 is required for efficient V-ATPase and hydrolase delivery to phagosomes, phagosomal killing, and restriction of Legionella infection. <i>PLoS Pathogens</i> , 2019 , 15, e1007551	7.6	22
155	Do inositol supplements enhance phosphatidylinositol supply and thus support endoplasmic reticulum function?. <i>British Journal of Nutrition</i> , 2018 , 120, 301-316	3.6	16
154	Drug Redeployment to Kill Leukemia and Lymphoma Cells by Disrupting SCD1-Mediated Synthesis of Monounsaturated Fatty Acids. <i>Cancer Research</i> , 2015 , 75, 2530-40	10.1	35
153	Inositol lipids: from an archaeal origin to phosphatidylinositol 3,5-bisphosphate faults in human disease. <i>FEBS Journal</i> , 2013 , 280, 6281-94	5.7	40
152	Versatility and nuances of the architecture of haematopoiesis - Implications for the nature of leukaemia. <i>Leukemia Research</i> , 2012 , 36, 14-22	2.7	5
151	Inositol and its derivatives: their evolution and functions. <i>Advances in Enzyme Regulation</i> , 2011 , 51, 84-90		36
150	The redirection of glyceride and phospholipid synthesis by drugs including chlorpromazine, fenfluramine, Imipramine, mepyramine and local anaesthetics. <i>Journal of Pharmacy and Pharmacology</i> , 2011 , 27, 462-464	4.8	45
149	The versatility of haematopoietic stem cells: implications for leukaemia. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2010 , 47, 171-80	9.4	5
148	Phosphatidylinositol 3,5-bisphosphate and Fab1p/PIKfyve underPPIIn endo-lysosome function. <i>Biochemical Journal</i> , 2009 , 419, 1-13	3.8	151
147	First came the link between phosphoinositides and Ca ²⁺ signalling, and then a deluge of other phosphoinositide functions. <i>Cell Calcium</i> , 2009 , 45, 521-6	4	10
146	A protein complex that regulates PtdIns(3,5)P ₂ levels. <i>EMBO Journal</i> , 2009 , 28, 86-7	13	22
145	Inositol lipid-dependent functions in <i>Saccharomyces cerevisiae</i> : analysis of phosphatidylinositol phosphates. <i>Methods in Molecular Biology</i> , 2009 , 462, 59-74	1.4	5
144	Phosphoinositide signalling links O-GlcNAc transferase to insulin resistance. <i>Nature</i> , 2008 , 451, 964-9	50.4	440
143	Inositol derivatives: evolution and functions. <i>Nature Reviews Molecular Cell Biology</i> , 2008 , 9, 151-61	48.7	287
142	Evolution of the diverse biological roles of inositols. <i>Biochemical Society Symposia</i> , 2007 , 74, 223-246		26
141	The sequential determination model of hematopoiesis. <i>Trends in Immunology</i> , 2007 , 28, 442-8	14.4	22

140	Evolution of the diverse biological roles of inositols. <i>Biochemical Society Symposia</i> , 2007 , 223-46		21
139	Phosphatidylinositol 3,5-bisphosphate: metabolism and cellular functions. <i>Trends in Biochemical Sciences</i> , 2006 , 31, 52-63	10.3	191
138	Hypo-osmotic stress activates Plc1p-dependent phosphatidylinositol 4,5-bisphosphate hydrolysis and inositol Hexakisphosphate accumulation in yeast. <i>Journal of Biological Chemistry</i> , 2004 , 279, 5216-26	5.4	36
137	PtdIns-specific MPR pathway association of a novel WD40 repeat protein, WIPI49. <i>Molecular Biology of the Cell</i> , 2004 , 15, 2652-63	3.5	110
136	Svp1p defines a family of phosphatidylinositol 3,5-bisphosphate effectors. <i>EMBO Journal</i> , 2004 , 23, 1922-33	4.3	269
135	Complex changes in cellular inositol phosphate complement accompany transit through the cell cycle. <i>Biochemical Journal</i> , 2004 , 380, 465-73	3.8	62
134	Morton Medal Lecture. New insights into the roles of phosphoinositides and inositol polyphosphates in yeast. <i>Biochemical Society Transactions</i> , 2003 , 31, 11-5	5.1	8
133	Cell differentiation and proliferation--simultaneous but independent?. <i>Experimental Cell Research</i> , 2003 , 291, 282-8	4.2	56
132	Inositol phosphates: a remarkably versatile enzyme. <i>Current Biology</i> , 2002 , 12, R313-5	6.3	6
131	Vac14 controls PtdIns(3,5)P(2) synthesis and Fab1-dependent protein trafficking to the multivesicular body. <i>Current Biology</i> , 2002 , 12, 885-93	6.3	108
130	HL60 cells halted in G1 or S phase differentiate normally. <i>Experimental Cell Research</i> , 2002 , 281, 28-38	4.2	26
129	Identification of ARAP3, a novel PI3K effector regulating both Arf and Rho GTPases, by selective capture on phosphoinositide affinity matrices. <i>Molecular Cell</i> , 2002 , 9, 95-108	17.6	252
128	Up-regulation of steroid sulphatase activity in HL60 promyelocytic cells by retinoids and 1alpha,25-dihydroxyvitamin D3. <i>Biochemical Journal</i> , 2001 , 355, 361-71	3.8	11
127	Cell proliferation and CD11b expression are controlled independently during HL60 cell differentiation initiated by 1,25 alpha-dihydroxyvitamin D(3) or all-trans-retinoic acid. <i>Experimental Cell Research</i> , 2001 , 266, 126-34	4.2	54
126	Estrogenic alkylphenols induce cell death by inhibiting testis endoplasmic reticulum Ca(2+) pumps. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 277, 568-74	3.4	125
125	Complementation analysis in PtdInsP kinase-deficient yeast mutants demonstrates that <i>Schizosaccharomyces pombe</i> and murine Fab1p homologues are phosphatidylinositol 3-phosphate 5-kinases. <i>Journal of Biological Chemistry</i> , 1999 , 274, 33905-12	5.4	94
124	Monocytically differentiating HL60 cells proliferate rapidly before they mature. <i>Experimental Cell Research</i> , 1999 , 253, 511-8	4.2	30
123	Phosphatidylinositol 3,5-bisphosphate: a novel lipid that links stress responses to membrane trafficking events. <i>Biochemical Society Transactions</i> , 1999 , 27, 674-7	5.1	6

122	MAMMALIAN PtdInsP KINASES: ANALYSIS OF THEIR PtdInsP2 SPECIFICITY IN VIVO BY EXPRESSION IN FAB1-DELETED YEAST. <i>Biochemical Society Transactions</i> , 1999 , 27, A102-A102	5.1	
121	The stress-activated phosphatidylinositol 3-phosphate 5-kinase Fab1p is essential for vacuole function in <i>S. cerevisiae</i> . <i>Current Biology</i> , 1998 , 8, 1219-22	6.3	189
120	Diacylglycerols and phosphatidates: which molecular species are intracellular messengers?. <i>Trends in Biochemical Sciences</i> , 1998 , 23, 200-4	10.3	259
119	Inositol hexakisphosphate in <i>Schizosaccharomyces pombe</i> : synthesis from Ins(1,4,5)P ₃ and osmotic regulation. <i>Biochemical Journal</i> , 1998 , 335 (Pt 3), 671-9	3.8	58
118	Altered protein tyrosine phosphorylation in rheumatoid T cells which is mimicked by hydrogen peroxide. <i>Biochemical Society Transactions</i> , 1997 , 25, 303S	5.1	
117	Inhibition of phosphatases and increased Ca ²⁺ channel activity by inositol hexakisphosphate. <i>Science</i> , 1997 , 278, 471-4	33.3	121
116	Osmotic stress activates phosphatidylinositol-3,5-bisphosphate synthesis. <i>Nature</i> , 1997 , 390, 187-92	50.4	402
115	Potential of myeloid differentiation by anti-inflammatory agents, by steroids and by retinoic acid involves a single intracellular target, probably an enzyme of the aldo-ketoreductase family. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1996 , 1311, 189-98	4.9	38
114	Synthesis and iron binding studies of myo-inositol 1,2,3-trisphosphate and (+/-)-myo-inositol 1,2-bisphosphate, and iron binding studies of all myo-inositol tetrakisphosphates. <i>Carbohydrate Research</i> , 1996 , 282, 81-99	2.9	30
113	Inositol lipid-mediated signalling in response to endothelin and ATP in the mammalian testis. <i>Molecular and Cellular Biochemistry</i> , 1995 , 149-150, 161-74	4.2	20
112	Localisation of bradykinin-like immunoreactivity and modulation of bradykinin-evoked phospholipase D activity by 17 beta-oestradiol in human endometrium. <i>Growth Factors</i> , 1995 , 12, 203-9	1.6	2
111	The involvement of inositol lipids and phosphates in signalling in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Biochemical Society Transactions</i> , 1995 , 23, 223S	5.1	2
110	Altered T lymphocyte signaling in rheumatoid arthritis. <i>European Journal of Immunology</i> , 1995 , 25, 1547-54	6.4	63
109	Phosphatidylinositol 4,5-bisphosphate hydrolysis accompanies T cell receptor-induced apoptosis of murine thymocytes within the thymus. <i>European Journal of Immunology</i> , 1995 , 25, 1828-35	6.1	12
108	Inositol lipid-mediated signalling in response to endothelin and ATP in the mammalian testis 1995 , 161-174		
107	Second messengers. Sphingolipid signalling. <i>Current Biology</i> , 1994 , 4, 370-3	6.3	34
106	Intracellular concentrations of inositol, glycerophosphoinositol and inositol pentakisphosphate increase during haemopoietic cell differentiation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1994 , 1222, 101-8	4.9	30
105	Inhibition of porcine brain inositol 1,3,4-trisphosphate kinase by inositol polyphosphates, other polyol phosphates, polyanions and polycations. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1994 , 1223, 57-70	4.9	9

104	Inhibition by glucocorticoid and staurosporine of IL-4-dependent CD23 production in B lymphocytes is reversed on engaging CD40. <i>Clinical and Experimental Immunology</i> , 1993 , 92, 347-52	6.2	9
103	Novel inositol containing phospholipids and phosphates: their synthesis and possible new roles in cellular signalling. <i>Current Opinion in Neurobiology</i> , 1993 , 3, 383-400	7.6	41
102	The intracellular distribution of inositol polyphosphates. <i>Biochemical Society Transactions</i> , 1993 , 21, 361S	5.1	2
101	Endothelin-1 stimulates inositol phosphate production in rat testis. <i>Biochemical Society Transactions</i> , 1993 , 21, 364S	5.1	2
100	Inhibition of inositol 1,3,4-trisphosphate 5/6-kinase by amino acid modifying agents. <i>Biochemical Society Transactions</i> , 1993 , 21, 365S	5.1	2
99	Stimulation of tyrosine phosphorylation without inositol lipid hydrolysis in human B lymphocytes on engaging CD72. <i>FEBS Letters</i> , 1993 , 319, 212-6	3.8	3
98	Inositol lipids in cellular signalling mechanisms. <i>Trends in Biochemical Sciences</i> , 1992 , 17, 274-6	10.3	66
97	Nuclear PIPs. <i>Current Biology</i> , 1992 , 2, 200-2	6.3	17
96	Second-messenger pathways involved in the regulation of survival in germinal-centre B cells and in Burkitt lymphoma lines. <i>International Journal of Cancer</i> , 1992 , 52, 959-66	7.5	43
95	Inositol lipids and phosphates in the proliferation and differentiation of lymphocytes and myeloid cells. <i>Novartis Foundation Symposium</i> , 1992 , 164, 2-11; discussion 12-6		3
94	Regulation of the interleukin 4 signal in human B-lymphocytes. <i>Biochemical Society Transactions</i> , 1991 , 19, 287-91	5.1	10
93	Protein phosphorylation events and changes in inositol metabolism during HL60 cell differentiation. <i>Biochemical Society Transactions</i> , 1991 , 19, 315-20	5.1	3
92	The role of inositol lipid hydrolysis in the selection of immature thymocytes. <i>Biochemical Society Transactions</i> , 1991 , 19, 90S	5.1	3
91	Dephosphorylation of D-myo-inositol-1,4,5-trisphosphate in testes. <i>Biochemical Society Transactions</i> , 1991 , 19, 105S	5.1	6
90	Changes in inositol transport during DMSO-induced differentiation of HL60 cells towards neutrophils. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1991 , 1091, 158-64	4.9	10
89	Interleukin 4 activates human B lymphocytes via transient inositol lipid hydrolysis and delayed cyclic adenosine monophosphate generation. <i>European Journal of Immunology</i> , 1990 , 20, 151-6	6.1	100
88	The use of cells doubly labelled with [14C]inositol and [3H]inositol to search for a hormone-sensitive inositol lipid pool with atypically rapid metabolic turnover. <i>Journal of Endocrinology</i> , 1989 , 122, 379-89	4.7	18
87	Inositol lipids and phosphates. <i>Current Opinion in Cell Biology</i> , 1989 , 1, 201-5	9	8

86	Inositol lipids and phosphates in growing, stimulated and differentiating cells. <i>Biochemical Society Transactions</i> , 1989 , 17, 1-3	5.1	15
85	A search for a hormone-sensitive inositol lipid pool in WRK 1 mammary tumour cells. <i>Biochemical Society Transactions</i> , 1989 , 17, 88-89	5.1	6
84	Do cells contain discrete pools of inositol lipids that are coupled to receptor activation?. <i>Biochemical Society Transactions</i> , 1989 , 17, 978-80	5.1	9
83	Inositol tetrakisphosphates in WRK-1 cells. <i>Biochemical Society Transactions</i> , 1988 , 16, 984-985	5.1	11
82	Inositol phosphates in growing and differentiating HL60 cells. <i>Biochemical Society Transactions</i> , 1988 , 16, 985-986	5.1	16
81	Inositol trisphosphate and tetrakisphosphate phosphomonoesterases of rat liver. <i>Biochemical Society Transactions</i> , 1987 , 15, 28-32	5.1	15
80	Ca ²⁺ uptake by intracellular compartments in isolated enterocytes: effect of inositol 1,4,5-trisphosphate. <i>Biochemical Society Transactions</i> , 1986 , 14, 1100-1101	5.1	
79	Analytical methods to quantify phosphoinositide turnover and related reactions. <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1986 , 324, 236-236		
78	Redistribution of protein kinase C during mitogenesis of human B lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 1986 , 135, 146-53	3.4	68
77	Calcium uptake by intracellular compartments in permeabilised enterocytes. Effect of inositol 1,4,5 trisphosphate. <i>Biochemical and Biophysical Research Communications</i> , 1986 , 139, 612-8	3.4	15
76	Inositol lipid-mediated signalling in the nervous system. <i>Neurochemistry International</i> , 1986 , 9, 231-3	4.4	1
75	Inositol Lipid Metabolism in Receptor-Stimulated and Depolarized Sympathetic Ganglia and Adrenal Glands 1986 , 9-18		
74	Inositol lipid breakdown as a step in alpha-adrenergic stimulus-response coupling. <i>Clinical Science</i> , 1985 , 68 Suppl 10, 43s-46s		9
73	Dephosphorylation of myo-inositol 1,4,5-trisphosphate. <i>Biochemical Society Transactions</i> , 1985 , 13, 944-944		
72	A combination of calcium ionophore and 12-O-tetradecanoyl-phorbol-13-acetate (TPA) stimulates the growth of purified resting B cells. <i>Scandinavian Journal of Immunology</i> , 1985 , 22, 591-6	3.4	32
71	Hormone-mediated inositol lipid breakdown in hepatocytes and WRK1 cells: relationship to receptor function. <i>Biochimie</i> , 1985 , 67, 1161-7	4.6	12
70	Synergism between diacylglycerols and calcium ionophore in the induction of human B cell proliferation mimics the inositol lipid polyphosphate breakdown signals induced by crosslinking surface immunoglobulin. <i>Biochemical and Biophysical Research Communications</i> , 1985 , 131, 484-91	3.4	39
69	A vasopressin-like peptide in the mammalian sympathetic nervous system. <i>Nature</i> , 1984 , 309, 258-61	50.4	135

68	Stepwise enzymatic dephosphorylation of inositol 1,4,5-trisphosphate to inositol in liver. <i>Nature</i> , 1984 , 312, 374-6	50.4	325
67	The role of phosphatidylinositol 4,5 bisphosphate breakdown in cell-surface receptor activation. <i>Journal of Receptors and Signal Transduction</i> , 1984 , 4, 489-504		28
66	Inositol lipid breakdown and muscarinic mechanisms. <i>Trends in Pharmacological Sciences</i> , 1984 , 5, 499	13.2	
65	Polyphosphoinositide breakdown as the initiating reaction in receptor-stimulated inositol phospholipid metabolism. <i>Life Sciences</i> , 1983 , 32, 2083-5	6.8	42
64	Is vasopressin-stimulated inositol lipid breakdown intrinsic to the mechanism of Ca ²⁺ -mobilization at V1 vasopressin receptors?. <i>Progress in Brain Research</i> , 1983 , 60, 405-11	2.9	12
63	The control by Ca ²⁺ of the polyphosphoinositide phosphodiesterase and the Ca ²⁺ -pump ATPase in human erythrocytes. <i>Biochemical Journal</i> , 1982 , 202, 53-8	3.8	75
62	The unknown meaning of receptor-stimulated inositol lipid metabolism. <i>Trends in Pharmacological Sciences</i> , 1982 , 3, 140-141	13.2	16
61	Stimulated inositol lipid metabolism: an introduction. <i>Cell Calcium</i> , 1982 , 3, 285-94	4	62
60	Inositol lipid metabolism in dividing and differentiating cells. <i>Cell Calcium</i> , 1982 , 3, 429-40	4	122
59	Phosphatidylinositol 4-phosphate and phosphatidylinositol 4,5-bisphosphate: lipids in search of a function. <i>Cell Calcium</i> , 1982 , 3, 467-502	4	247
58	Variant cell lines from the human promyelocyte line HL60. <i>Leukemia Research</i> , 1982 , 6, 491-8	2.7	24
57	Why is phosphatidylinositol degraded in response to stimulation of certain receptors?. <i>Trends in Pharmacological Sciences</i> , 1981 , 2, 86-89	13.2	133
56	The polyphosphoinositide phosphodiesterase of erythrocyte membranes. <i>Biochemical Journal</i> , 1981 , 198, 133-40	3.8	547
55	Hormone-stimulated metabolism of inositol lipids and its relationship to hepatic receptor function. <i>Biochemical Society Transactions</i> , 1981 , 9, 377-9	5.1	202
54	Human erythrocyte membranes exhibit a cooperative calmodulin-dependent Ca ²⁺ -ATPase of high calcium sensitivity. <i>Nature</i> , 1981 , 290, 270-1	50.4	34
53	Apparent variations in the activation characteristics of human erythrocyte membrane Ca ²⁺ -pump ATPase may be caused by variable membrane permeability. <i>Cell Calcium</i> , 1981 , 2, 473-482	4	10
52	A simple assay for the polyphosphoinositide phosphodiesterase of the human erythrocyte membrane [proceedings]. <i>Biochemical Society Transactions</i> , 1980 , 8, 127	5.1	3
51	Effects of alkylating antagonists on the stimulated turnover of phosphatidylinositol produced by a variety of calcium-mobilising receptor systems. <i>Cell Calcium</i> , 1980 , 1, 49-68	4	

50	Agonist regulation of alpha-adrenergic receptor numbers. <i>Nature</i> , 1979 , 279, 170	50.4	
49	Inositol phospholipids in membrane function. <i>Trends in Biochemical Sciences</i> , 1979 , 4, 128-131	10.3	272
48	Phosphatidylinositol metabolism in rat hepatocytes stimulated by glycogenolytic hormones. Effects of angiotensin, vasopressin, adrenaline, ionophore A23187 and calcium-ion deprivation. <i>Biochemical Journal</i> , 1979 , 182, 661-8	3.8	126
47	Stimulation of phosphatidylinositol turnover in various tissues by cholinergic and adrenergic agonists, by histamine and by caerulein. <i>Biochemical Journal</i> , 1979 , 182, 669-76	3.8	74
46	Polyphosphoinositides in isolated preparations of human erythrocyte membrane glycoporphin [proceedings]. <i>Biochemical Society Transactions</i> , 1979 , 7, 358-9	5.1	1
45	Rapid transbilayer diffusion of 1,2-diacylglycerol and its relevance to control of membrane curvature. <i>Nature</i> , 1978 , 276, 289-90	50.4	145
44	Membrane protein segregation during release of microvesicles from human erythrocytes. <i>FEBS Letters</i> , 1978 , 90, 289-92	3.8	43
43	MgATP2- and the molecular organization of erythrocyte membranes [proceedings]. <i>Biochemical Society Transactions</i> , 1978 , 6, 285-6	5.1	
42	Stimulus-response coupling at alpha-adrenergic receptors. <i>Biochemical Society Transactions</i> , 1978 , 6, 673-88	5.1	77
41	THE INFLUENCE OF INTRACELLULAR Ca ²⁺ ON THE METABOLISM OF INOSITOL PHOSPHOLIPIDS IN LYMPHOCYTES AND ERYTHROCYTES 1978 , 325-336		1
40	Metabolism of phosphatidate at the plasma membrane. <i>Biochemical Society Transactions</i> , 1977 , 5, 55-9	5.1	10
39	A possible role for phosphatidylinositol breakdown in muscarinic cholinergic stimulus-response coupling. <i>Biochemical Society Transactions</i> , 1977 , 5, 77-81	5.1	34
38	The relationship between calcium ion gates and the stimulation of phosphatidylinositol turnover. <i>Biochemical Society Transactions</i> , 1977 , 5, 104-6	5.1	2
37	Recovery of membrane micro-vesicles from human erythrocytes stored for transfusion: a mechanism for the erythrocyte discocyte-to-spherocyte shape transformation. <i>Biochemical Society Transactions</i> , 1977 , 5, 126-8	5.1	108
36	A comparison of haemoglobin-free human erythrocyte "ghosts" prepared under isoionic and hypoionic conditions [proceedings]. <i>Biochemical Society Transactions</i> , 1977 , 5, 1139-40	5.1	2
35	A possible metabolic explanation for drug-induced phospholipidosis. <i>Journal of Pharmacy and Pharmacology</i> , 1976 , 28, 331-2	4.8	40
34	Production of 1,2-diacylglycerol in human erythrocyte membranes exposed to low concentrations of calcium ions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976 , 455, 824-30	3.8	33
33	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	3.8	86

32	Production of 1,2-diacylglycerol in human erythrocyte ghosts exposed to very low calcium ion concentrations. <i>Biochemical Society Transactions</i> , 1976 , 4, 252-3	5.1	
31	A possible role for 1,2-diacylglycerol in fusion of erythrocytes by Sendai virus. <i>Biochemical Society Transactions</i> , 1976 , 4, 253	5.1	2
30	Biochemical differentiation of the plasma membrane of the intestinal epithelial cell. <i>Biochemical Society Transactions</i> , 1976 , 4, 1017-20	5.1	10
29	Muscarinic cholinergic stimulation of phosphatidylinositol turnover in isolated rat superior cervical sympathetic ganglia. <i>Journal of Neurochemistry</i> , 1976 , 26, 649-51	6	36
28	Release of diacylglycerol-enriched vesicles from erythrocytes with increased intracellular (Ca ²⁺). <i>Nature</i> , 1976 , 261, 58-60	50.4	222
27	Significance of minor glycerolipids in membrane structure and function. <i>Advances in Experimental Medicine and Biology</i> , 1976 , 72, 3-13	3.6	9
26	Elevation of intracellular calcium ion concentration provokes production of 1,2-diacylglycerol and phosphatidate in human erythrocytes. <i>Biochemical Society Transactions</i> , 1975 , 3, 751-2	5.1	8
25	Differences in the enzymic, polypeptide, glycopeptide, glycolipid and phospholipid compositions of plasma membranes from the two surfaces of intestinal epithelial cells. <i>Biochemical Society Transactions</i> , 1975 , 3, 752-3	5.1	16
24	Identification and isolation of basolateral plasma membranes from intestinal epithelial cell sheets. <i>Biochemical Society Transactions</i> , 1975 , 3, 754	5.1	
23	Inositol phospholipids and cell surface receptor function. <i>BBA - Biomembranes</i> , 1975 , 415, 81-47		2076
22	Accumulation of 1,2-diacylglycerol in the plasma membrane may lead to echinocyte transformation of erythrocytes. <i>Nature</i> , 1975 , 258, 348-9	50.4	156
21	Inositol cyclis phosphate as a product of phosphatidylinositol breakdown by phospholipase C (<i>Bacillus cereus</i>). <i>FEBS Letters</i> , 1975 , 53, 302-4	3.8	20
20	Changes in lipid metabolism and cell morphology following attack by phospholipase C (<i>Clostridium perfringens</i>) on red cells or lymphocytes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1975 , 413, 309-16	3.8	69
19	Transfer of very low density lipoprotein from hen plasma into egg yolk. <i>FEBS Letters</i> , 1974 , 39, 275-7	3.8	24
18	Breakdown of phosphatidylinositol provoked by muscarinic cholinergic stimulation of rat parotid-gland fragments. <i>Biochemical Journal</i> , 1974 , 142, 583-90	3.8	101
17	Phosphatidylinositol cleavage catalysed by the soluble fraction from lymphocytes. Activity at pH5.5 and pH7.0. <i>Biochemical Journal</i> , 1974 , 142, 591-7	3.8	65
16	Phosphatidylinositol cleavage in lymphocytes. Requirement for calcium ions at a low concentration and effects of other cations. <i>Biochemical Journal</i> , 1974 , 142, 599-604	3.8	70
15	Enhanced phosphatidylinositol labelling in rat parotid fragments exposed to alpha-adrenergic stimulation. <i>Biochemical Journal</i> , 1974 , 138, 47-52	3.8	48

14	Effects of acetylcholine on incorporation of (14C)glucose into phosphatidylinositol and on phosphatidylinositol breakdown in subcellular fractions from cerebral cortex. <i>Journal of Neurochemistry</i> , 1974 , 23, 283-7	6	13
13	Hydrolysis of 1,2-diglyceride by membrane-associated lipase activity during phospholipase C treatment of membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1973 , 318, 306-312	3.8	27
12	Phosphatidylinositol metabolism in cells receiving extracellular stimulation. <i>FEBS Letters</i> , 1973 , 31, 1-10	3.8	117
11	A membrane-bound activity catalysing phosphatidylinositol breakdown to 1,2-diacylglycerol, D-myoinositol 1:2-cyclic phosphate and D-myoinositol 1-phosphate. Properties and subcellular distribution in rat cerebral cortex. <i>Biochemical Journal</i> , 1973 , 131, 433-42	3.8	127
10	Inositol 1:2-Cyclic Phosphate in Tissues. <i>Biochemical Society Transactions</i> , 1973 , 1, 429-429	5.1	4
9	Stimulation by acetylcholine of phosphatidylinositol labelling. Subcellular distribution in rat cerebral-cortex slices. <i>Biochemical Journal</i> , 1972 , 126, 1141-7		76
8	Glycerylphosphorylcholine phosphodiesterase in rat liver. Subcellular distribution and localization in plasma membranes. <i>Biochemical Journal</i> , 1972 , 127, 357-68		36
7	Production of cyclic inositol phosphate in stimulated tissues. <i>Nature: New Biology</i> , 1972 , 240, 258-60		62
6	The distributions of some granule-associated enzymes in guinea-pig polymorphonuclear leucocytes. <i>Biochemical Journal</i> , 1970 , 116, 207-16		205
5	Extraction of polyphosphoinositides with neutral and acidified solvents. A comparison of guinea-pig brain and liver, and measurements of rat liver inositol compounds which are resistant to extraction. <i>Lipids and Lipid Metabolism</i> , 1970 , 210, 86-91		72
4	Measurement of rates of phagocytosis: the use of cellular monolayers. <i>Journal of Cell Biology</i> , 1969 , 40, 216-24	7.3	129
3	The biosynthesis of triphosphoinositide by rat brain in vitro. <i>Biochemical and Biophysical Research Communications</i> , 1966 , 22, 370-375	3.4	36
2	The site of diphosphoinositide synthesis in rat liver. <i>Biochemical and Biophysical Research Communications</i> , 1965 , 21, 333-8	3.4	447
1	PIKfyve/Fab1 is required for efficient V-ATPase and hydrolase delivery to phagosomes, phagosomal killing, and restriction of Legionella infection		1