

Carmen Investigators Group

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.

153
papers

8,438
citations

55
h-index

86
g-index

160
ext. papers

9,354
ext. citations

6.1
avg, IF

5.42
L-index

#	Paper	IF	Citations
153	Dysregulation of myelin synthesis and actomyosin function underlies aberrant myelin in CMT4B1 neuropathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
152	Phosphoinositide 3-kinases in platelets, thrombosis and therapeutics. <i>Biochemical Journal</i> , 2020 , 477, 4327-4342	3.8	2
151	Catalytic dysregulation of SHP2 leading to Noonan syndromes affects platelet signaling and functions. <i>Blood</i> , 2019 , 134, 2304-2317	2.2	14
150	Deciphering biased inverse agonism of cangrelor and ticagrelor at P2Y receptor. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 561-576	10.3	12
149	Interaction between hormone-sensitive lipase and ChREBP in fat cells controls insulin sensitivity. <i>Nature Metabolism</i> , 2019 , 1, 133-146	14.6	26
148	Phosphoinositides regulate the TCR/CD3 complex membrane dynamics and activation. <i>Scientific Reports</i> , 2018 , 8, 4966	4.9	11
147	The antagonist properties of Bazedoxifene after acute treatment are shifted to stimulatory action after chronic exposure in the liver but not in the uterus. <i>Molecular and Cellular Endocrinology</i> , 2018 , 472, 87-96	4.4	4
146	The importance of blood platelet lipid signaling in thrombosis and in sepsis. <i>Advances in Biological Regulation</i> , 2018 , 67, 66-73	6.2	13
145	Effect of estetrol, a selective nuclear estrogen receptor modulator, in mouse models of arterial and venous thrombosis. <i>Molecular and Cellular Endocrinology</i> , 2018 , 477, 132-139	4.4	15
144	The lipid products of phosphoinositide 3-kinase isoforms in cancer and thrombosis. <i>Cancer and Metastasis Reviews</i> , 2018 , 37, 477-489	9.6	5
143	Profiling of phosphoinositide molecular species in human and mouse platelets identifies new species increasing following stimulation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 1121-1131	5	21
142	Impact of PI3K α (Phosphoinositide 3-Kinase Alpha) Inhibition on Hemostasis and Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 2041-2053	9.4	14
141	Platelet activation and prothrombotic properties in a mouse model of peritoneal sepsis. <i>Scientific Reports</i> , 2018 , 8, 13536	4.9	19
140	Inhibition of PIKfyve prevents myocardial apoptosis and hypertrophy through activation of SIRT3 in obese mice. <i>EMBO Molecular Medicine</i> , 2017 , 9, 770-785	12	25
139	Nuclear imaging of thrombosis in small animal. <i>Platelets</i> , 2017 , 28, 643-648	3.6	
138	Effect of chronic estradiol plus progesterone treatment on experimental arterial and venous thrombosis in mouse. <i>PLoS ONE</i> , 2017 , 12, e0177043	3.7	9
137	A dual role for the class III PI3K, Vps34, in platelet production and thrombus growth. <i>Blood</i> , 2017 , 130, 2032-2042	2.2	27

136	Expression of the neuropathy-associated MTMR2 gene rescues MTM1-associated myopathy. <i>Human Molecular Genetics</i> , 2017 , 26, 3736-3748	5.6	15
135	Acetylsalicylic acid differentially limits the activation and expression of cell death markers in human platelets exposed to <i>Staphylococcus aureus</i> strains. <i>Scientific Reports</i> , 2017 , 7, 5610	4.9	7
134	Protein-Lipid Interaction by Fluorescence (PLIF) to Characterize and Screen for Inhibitors of Protein-Phosphoinositide Interactions. <i>Current Protocols in Protein Science</i> , 2017 , 89, 19.31.1-19.31.10	3.1	
133	Vps34 PI 3-kinase inactivation enhances insulin sensitivity through reprogramming of mitochondrial metabolism. <i>Nature Communications</i> , 2017 , 8, 1804	17.4	37
132	Functional Characterization and Rescue of a Deep Intronic Mutation in OCRL Gene Responsible for Lowe Syndrome. <i>Human Mutation</i> , 2017 , 38, 152-159	4.7	11
131	NF- κ B Links TLR2 and PAR1 to Soluble Immunomodulator Factor Secretion in Human Platelets. <i>Frontiers in Immunology</i> , 2017 , 8, 85	8.4	14
130	PLIF: A rapid, accurate method to detect and quantitatively assess protein-lipid interactions. <i>Science Signaling</i> , 2016 , 9, rs2	8.8	18
129	PI3P Triggers ICAM-1 Degradation in <i>Shigella</i> Infected Cells, Thus Dampening Immune Cell Recruitment. <i>Cell Reports</i> , 2016 , 14, 750-759	10.6	16
128	The role of class I, II and III PI 3-kinases in platelet production and activation and their implication in thrombosis. <i>Advances in Biological Regulation</i> , 2016 , 61, 33-41	6.2	27
127	Phosphoinositides: Important lipids in the coordination of cell dynamics. <i>Biochimie</i> , 2016 , 125, 250-8	4.6	63
126	Targeting Kinases in Cancer Therapies: Adverse Effects on Blood Platelets. <i>Current Pharmaceutical Design</i> , 2016 , 22, 2315-22	3.3	13
125	The class I phosphoinositide 3-kinases β and γ control antiphospholipid antibodies-induced platelet activation. <i>Thrombosis and Haemostasis</i> , 2016 , 115, 1138-46	7	10
124	Trans-inhibition of activation and proliferation signals by Fc receptors in mast cells and basophils. <i>Science Signaling</i> , 2016 , 9, ra126	8.8	25
123	Expression of myotubularins in blood platelets: Characterization and potential diagnostic of X-linked myotubular myopathy. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 476, 167-73 ^{3,4}		3
122	Foreword: "The PI3-kinase/Akt pathway: From signaling to diseases". <i>Advances in Biological Regulation</i> , 2015 , 59, 1-3	6.2	9
121	Protective Hematopoietic Effect of Estrogens in a Mouse Model of Thrombosis: Respective Roles of Nuclear Versus Membrane Estrogen Receptor α <i>Endocrinology</i> , 2015 , 156, 4293-301	4.8	7
120	Platelet PI3K β and GSK3 regulate thrombus stability at a high shear rate. <i>Blood</i> , 2015 , 125, 881-8	2.2	59
119	Essential role of class II PI3K-C2 β in platelet membrane morphology. <i>Blood</i> , 2015 , 126, 1128-37	2.2	39

118	Inactivation of the Class II PI3K-C2IPotentiates Insulin Signaling and Sensitivity. <i>Cell Reports</i> , 2015 , 13, 1881-94	10.6	48
117	Platelet Adhesion and Thrombus Formation in Whole Blood at Arterial Shear Rate at the End of Pregnancy. <i>American Journal of Reproductive Immunology</i> , 2015 , 74, 533-41	3.8	5
116	TOM1 is a PI5P effector involved in the regulation of endosomal maturation. <i>Journal of Cell Science</i> , 2015 , 128, 815-27	5.3	37
115	Platelet activation and arterial peripheral serotonin turnover in cardiac remodeling associated to aortic stenosis. <i>American Journal of Hematology</i> , 2015 , 90, 15-9	7.1	21
114	SHP-1-mediated inhibitory signals promote responsiveness and anti-tumour functions of natural killer cells. <i>Nature Communications</i> , 2014 , 5, 5108	17.4	88
113	Ibrutinib treatment affects collagen and von Willebrand factor-dependent platelet functions. <i>Blood</i> , 2014 , 124, 3991-5	2.2	218
112	Pathophysiology of inherited platelet disorders. <i>Hematologie</i> , 2014 , 20, 20-35	0	3
111	Pathophysiology of inherited platelet disorders. <i>Sang Thrombose Vaisseaux</i> , 2014 , 26, 300-316	3	
110	Phosphatidylinositol 5-phosphate regulates invasion through binding and activation of Tiam1. <i>Nature Communications</i> , 2014 , 5, 4080	17.4	48
109	BIN1/M-Amphiphysin2 induces clustering of phosphoinositides to recruit its downstream partner dynamin. <i>Nature Communications</i> , 2014 , 5, 5647	17.4	68
108	Phosphatidylinositol 5-phosphate: a nuclear stress lipid and a tuner of membranes and cytoskeleton dynamics. <i>BioEssays</i> , 2014 , 36, 260-72	4.1	34
107	Class I PI 3-kinases signaling in platelet activation and thrombosis: PDK1/Akt/GSK3 axis and impact of PTEN and SHIP1. <i>Advances in Biological Regulation</i> , 2014 , 54, 162-74	6.2	57
106	cdc-like/dual-specificity tyrosine phosphorylation-regulated kinases inhibitor leucettine L41 induces mTOR-dependent autophagy: implication for Alzheimer's disease. <i>Molecular Pharmacology</i> , 2014 , 85, 441-50	4.3	23
105	Inherited platelet disorders and oral health. <i>Journal of Oral Pathology and Medicine</i> , 2013 , 42, 115-24	3.3	12
104	A Shigella effector dampens inflammation by regulating epithelial release of danger signal ATP through production of the lipid mediator PtdIns5P. <i>Immunity</i> , 2013 , 39, 1121-31	32.3	61
103	Myotubularin and PtdIns3P remodel the sarcoplasmic reticulum in muscle in vivo. <i>Journal of Cell Science</i> , 2013 , 126, 1806-19	5.3	42
102	Polymorphisms of protein tyrosine phosphatase CD148 influence FcRIIA-dependent platelet activation and the risk of heparin-induced thrombocytopenia. <i>Blood</i> , 2012 , 120, 1309-16	2.2	39
101	Chronic estradiol treatment reduces platelet responses and protects mice from thromboembolism through the hematopoietic estrogen receptor β . <i>Blood</i> , 2012 , 120, 1703-12	2.2	37

100	Structure-function relationship of estrogen receptors in cardiovascular pathophysiological models. <i>Thrombosis Research</i> , 2012 , 130 Suppl 1, S7-11	8.2	11
99	Regulation of the DH-PH tandem of guanine nucleotide exchange factor for Rho GTPases by phosphoinositides. <i>Advances in Biological Regulation</i> , 2012 , 52, 303-14	6.2	26
98	Focal adhesion kinase splice variants maintain primitive acute myeloid leukemia cells through altered Wnt signaling. <i>Stem Cells</i> , 2012 , 30, 1597-610	5.8	35
97	A novel mass assay to quantify the bioactive lipid PtdIns3P in various biological samples. <i>Biochemical Journal</i> , 2012 , 447, 17-23	3.8	23
96	Phosphatase-dead myotubularin ameliorates X-linked centronuclear myopathy phenotypes in mice. <i>PLoS Genetics</i> , 2012 , 8, e1002965	6	38
95	Myotubularins and associated neuromuscular diseases. <i>Clinical Lipidology</i> , 2012 , 7, 151-162		5
94	Phosphoinositides 2012 , 63-84		
93	Phosphoinositides and cellular pathogens. <i>Sub-Cellular Biochemistry</i> , 2012 , 59, 363-88	5.5	16
92	Regulation and roles of PI3K α major actor in platelet signaling and functions. <i>Advances in Enzyme Regulation</i> , 2011 , 51, 106-16		52
91	Essential thrombocythemia and pregnancy. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2011 , 158, 141-7	2.4	23
90	Shigella flexneri infection generates the lipid PI5P to alter endocytosis and prevent termination of EGFR signaling. <i>Science Signaling</i> , 2011 , 4, ra61	8.8	86
89	The phosphoinositide phosphatase MTM-1 regulates apoptotic cell corpse clearance through CED-5-CED-12 in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2011 , 138, 2003-14	6.6	31
88	Molecular networks linked by Moesin drive remodeling of the cell cortex during mitosis. <i>Journal of Cell Biology</i> , 2011 , 195, 99-112	7.3	64
87	Osh4p exchanges sterols for phosphatidylinositol 4-phosphate between lipid bilayers. <i>Journal of Cell Biology</i> , 2011 , 195, 965-78	7.3	290
86	The nucleophosmin-anaplastic lymphoma kinase oncogene interacts, activates, and uses the kinase PIKfyve to increase invasiveness. <i>Journal of Biological Chemistry</i> , 2011 , 286, 32105-14	5.4	19
85	Genetic interaction between MTMR2 and FIG4 phospholipid phosphatases involved in Charcot-Marie-Tooth neuropathies. <i>PLoS Genetics</i> , 2011 , 7, e1002319	6	67
84	Phosphatidylinositol 3-monophosphate is involved in toxoplasma apicoplast biogenesis. <i>PLoS Pathogens</i> , 2011 , 7, e1001286	7.6	62
83	Myotubularin controls desmin intermediate filament architecture and mitochondrial dynamics in human and mouse skeletal muscle. <i>Journal of Clinical Investigation</i> , 2011 , 121, 70-85	15.9	93

82	Rac1 inactivation by lethal toxin from <i>Clostridium sordellii</i> modifies focal adhesions upstream of actin depolymerization. <i>Cellular Microbiology</i> , 2010 , 12, 217-32	3.9	23
81	Nouvelles molécules ciblées et modulation des fonctions plaquettaires: anticiper, démontrer, gérer, utiliser. <i>Hematologie</i> , 2010 , 16, 345-354	0	
80	Phosphatidylinositol 3-phosphate, an essential lipid in <i>Plasmodium</i> , localizes to the food vacuole membrane and the apicoplast. <i>Eukaryotic Cell</i> , 2010 , 9, 1519-30		87
79	Matrix metalloproteinase-9 is upregulated in nucleophosmin-anaplastic lymphoma kinase-positive anaplastic lymphomas and activated at the cell surface by the chaperone heat shock protein 90 to promote cell invasion. <i>Cancer Research</i> , 2010 , 70, 6978-87	10.1	41
78	Deletion of the p110beta isoform of phosphoinositide 3-kinase in platelets reveals its central role in Akt activation and thrombus formation in vitro and in vivo. <i>Blood</i> , 2010 , 115, 2008-13	2.2	105
77	Physiologic and pathologic changes of platelets in pregnancy. <i>Platelets</i> , 2010 , 21, 587-95	3.6	43
76	A functional link between polo-like kinase 1 and the mammalian target-of-rapamycin pathway?. <i>Cell Cycle</i> , 2010 , 9, 1690-6	4.7	24
75	A central role of GPIb-IX in the procoagulant function of platelets that is independent of the 45-kDa GPIbalpha N-terminal extracellular domain. <i>Blood</i> , 2010 , 116, 1157-64	2.2	32
74	Evidence for a positive role of PtdIns5P in T-cell signal transduction pathways. <i>FEBS Letters</i> , 2010 , 584, 2455-60	3.8	18
73	Proteasome inhibitor-induced apoptosis in acute myeloid leukemia: a correlation with the proteasome status. <i>Leukemia Research</i> , 2010 , 34, 498-506	2.7	31
72	A New alpha5beta1 integrin-dependent survival pathway through GSK3beta activation in leukemic cells. <i>PLoS ONE</i> , 2010 , 5, e9807	3.7	41
71	Cutting edge: Dok-1 and Dok-2 adaptor molecules are regulated by phosphatidylinositol 5-phosphate production in T cells. <i>Journal of Immunology</i> , 2009 , 182, 3974-8	5.3	43
70	Upregulation of the CDC25A phosphatase down-stream of the NPM/ALK oncogene participates to anaplastic large cell lymphoma enhanced proliferation. <i>Cell Cycle</i> , 2009 , 8, 1373-9	4.7	16
69	Phosphoinositide signaling pathways: promising role as builders of epithelial cell polarity. <i>International Review of Cell and Molecular Biology</i> , 2009 , 273, 313-43	6	23
68	PtdIns5P protects Akt from dephosphorylation through PP2A inhibition. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 387, 127-31	3.4	26
67	Polo-like kinase 1 is overexpressed in acute myeloid leukemia and its inhibition preferentially targets the proliferation of leukemic cells. <i>Blood</i> , 2009 , 114, 659-62	2.2	112
66	The new tyrosine-kinase inhibitor and anticancer drug dasatinib reversibly affects platelet activation in vitro and in vivo. <i>Blood</i> , 2009 , 114, 1884-92	2.2	94
65	Raft nanodomains contribute to Akt/PKB plasma membrane recruitment and activation. <i>Nature Chemical Biology</i> , 2008 , 4, 538-47	11.7	244

64	A critical role for Lyn in acute myeloid leukemia. <i>Blood</i> , 2008 , 111, 2269-79	2.2	123
63	Different roles of SHIP1 according to the cell context: the example of blood platelets. <i>Advances in Enzyme Regulation</i> , 2008 , 48, 240-52		16
62	A FRET analysis to unravel the role of cholesterol in Rac1 and PI 3-kinase activation in the InlB/Met signalling pathway. <i>Cellular Microbiology</i> , 2007 , 9, 790-803	3.9	56
61	Type II phosphatidylinositol 4-kinases promote <i>Listeria monocytogenes</i> entry into target cells. <i>Cellular Microbiology</i> , 2007 , 9, 2381-90	3.9	66
60	Phosphoinositide phosphatases in a network of signalling reactions. <i>Pflugers Archiv European Journal of Physiology</i> , 2007 , 455, 31-44	4.6	67
59	Alteration of epithelial structure and function associated with PtdIns(4,5)P ₂ degradation by a bacterial phosphatase. <i>Journal of General Physiology</i> , 2007 , 129, 267-83	3.4	72
58	Roles of the C-terminal tyrosine residues of LAT in GPVI-induced platelet activation: insights into the mechanism of PLC gamma 2 activation. <i>Blood</i> , 2007 , 110, 2466-74	2.2	61
57	Deficiency of Src homology 2 domain-containing inositol 5-phosphatase 1 affects platelet responses and thrombus growth. <i>Journal of Clinical Investigation</i> , 2007 , 117, 944-52	15.9	50
56	PtdIns5P: a little phosphoinositide with big functions?. <i>Biochemical Society Symposia</i> , 2007 , 117-28		20
55	A novel PtdIns3P and PtdIns(3,5)P ₂ phosphatase with an inactivating variant in centronuclear myopathy. <i>Human Molecular Genetics</i> , 2006 , 15, 3098-106	5.6	107
54	Cell adhesion regulates CDC25A expression and proliferation in acute myeloid leukemia. <i>Cancer Research</i> , 2006 , 66, 7128-35	10.1	37
53	The grape-derived polyphenol resveratrol differentially affects epidermal and platelet-derived growth factor signaling in human liver myofibroblasts. <i>International Journal of Biochemistry and Cell Biology</i> , 2006 , 38, 629-37	5.6	25
52	A "liaison dangereuse" between AUF1/hnRNP D and the oncogenic tyrosine kinase NPM-ALK. <i>Blood</i> , 2006 , 108, 2780-8	2.2	45
51	Proteomic analysis of anaplastic lymphoma cell lines: identification of potential tumour markers. <i>Proteomics</i> , 2006 , 6, 3210-22	4.8	28
50	PtdIns5P activates the host cell PI3-kinase/Akt pathway during <i>Shigella flexneri</i> infection. <i>EMBO Journal</i> , 2006 , 25, 1024-34	13	177
49	Antileukemic activity of rapamycin in acute myeloid leukemia. <i>Blood</i> , 2005 , 105, 2527-34	2.2	254
48	Emerging roles of phosphatidylinositol monophosphates in cellular signaling and trafficking. <i>Advances in Enzyme Regulation</i> , 2005 , 45, 201-14		32
47	Assessment of somatic mutations in phosphatidylinositol 3-kinase gene in human lymphoma and acute leukaemia. <i>British Journal of Haematology</i> , 2005 , 131, 411-3	4.5	23

46	The human tumour suppressor PTEN regulates longevity and dauer formation in <i>Caenorhabditis elegans</i> . <i>Oncogene</i> , 2005 , 24, 20-7	9.2	56
45	Phosphatidylinositol 3,4,5-trisphosphate modulation in SHIP2-deficient mouse embryonic fibroblasts. <i>FEBS Journal</i> , 2005 , 272, 2512-22	5.7	32
44	Integrin-dependent interaction of lipid rafts with the actin cytoskeleton in activated human platelets. <i>Journal of Cell Science</i> , 2005 , 118, 759-69	5.3	58
43	Nucleophosmin-anaplastic lymphoma kinase of anaplastic large-cell lymphoma recruits, activates, and uses pp60c-src to mediate its mitogenicity. <i>Blood</i> , 2004 , 103, 1464-71	2.2	72
42	Expression of focal adhesion kinase in acute myeloid leukemia is associated with enhanced blast migration, increased cellularity, and poor prognosis. <i>Cancer Research</i> , 2004 , 64, 3191-7	10.1	126
41	Phosphoinositides: lipid kinases and phosphatases. <i>Methods in Molecular Biology</i> , 2004 , 273, 201-12	1.4	23
40	Production of phosphatidylinositol 5-phosphate by the phosphoinositide 3-phosphatase myotubularin in mammalian cells. <i>Journal of Biological Chemistry</i> , 2004 , 279, 7304-12	5.4	115
39	Expression of myotubularin by an adenoviral vector demonstrates its function as a phosphatidylinositol 3-phosphate [PtdIns(3)P] phosphatase in muscle cell lines: involvement of PtdIns(3)P in insulin-stimulated glucose transport. <i>Molecular Endocrinology</i> , 2003 , 17, 2448-60		72
38	SH2-containing inositol 5-phosphatases 1 and 2 in blood platelets: their interactions and roles in the control of phosphatidylinositol 3,4,5-trisphosphate levels. <i>Biochemical Journal</i> , 2003 , 376, 199-207	3.8	64
37	Phosphoinositide signaling disorders in human diseases. <i>FEBS Letters</i> , 2003 , 546, 25-31	3.8	145
36	The PHD finger of the chromatin-associated protein ING2 functions as a nuclear phosphoinositide receptor. <i>Cell</i> , 2003 , 114, 99-111	56.2	413
35	Lipid rafts are critical membrane domains in blood platelet activation processes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003 , 1610, 247-57	3.8	64
34	Mechanical constraint imposed on plasma membrane through transverse phospholipid imbalance induces reversible actin polymerization via phosphoinositide 3-kinase activation. <i>Journal of Cell Science</i> , 2003 , 116, 2277-84	5.3	23
33	The tyrosine phosphatase 1B regulates linker for activation of T-cell phosphorylation and platelet aggregation upon FcγRIIIa cross-linking. <i>Journal of Biological Chemistry</i> , 2003 , 278, 40923-32	5.4	24
32	The phosphatidylinositol (PI)-5-phosphate 4-kinase type II enzyme controls insulin signaling by regulating PI-3,4,5-trisphosphate degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 9867-72	11.5	107
31	La kinase FRAP/mTOR : une nouvelle cible dans le traitement des cancers d'pendants de la voie PI3-kinase/PTEN. <i>Medecine/Sciences</i> , 2002 , 18, 137-139		0
30	Conversion of PtdIns(4,5)P(2) into PtdIns(5)P by the <i>S.flexneri</i> effector IpgD reorganizes host cell morphology. <i>EMBO Journal</i> , 2002 , 21, 5069-78	13	272
29	Functional redundancy in the myotubularin family. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 291, 305-12	3.4	64

28	SHIP2 overexpression strongly reduces the proliferation rate of K562 erythroleukemia cell line. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 296, 106-10	3.4	42
27	Non-antisense cellular responses to oligonucleotides. <i>FEBS Letters</i> , 2002 , 510, 175-80	3.8	12
26	Origin, originality, functions, subversions and molecular signalling of macropinocytosis. <i>International Journal of Medical Microbiology</i> , 2002 , 291, 487-94	3.7	132
25	Alterations of the phosphoinositide 3-kinase and mitogen-activated protein kinase signaling pathways in the erythropoietin-independent Spi-1/PU.1 transgenic proerythroblasts. <i>Blood</i> , 2001 , 98, 2372-81	2.2	26
24	Phosphoinositides: key players in cell signalling, in time and space. <i>Cellular Signalling</i> , 2001 , 13, 377-87	4.9	188
23	A critical role for phosphoinositide 3-kinase upstream of Gab1 and SHP2 in the activation of ras and mitogen-activated protein kinases by epidermal growth factor. <i>Journal of Biological Chemistry</i> , 2001 , 276, 8856-64	5.4	119
22	The Src homology 2 domain containing inositol 5-phosphatase SHIP2 is recruited to the epidermal growth factor (EGF) receptor and dephosphorylates phosphatidylinositol 3,4,5-trisphosphate in EGF-stimulated COS-7 cells. <i>Journal of Biological Chemistry</i> , 2001 , 276, 28348-55	5.4	70
21	The SH2 domain containing inositol 5-phosphatase SHIP2 controls phosphatidylinositol 3,4,5-trisphosphate levels in CHO-IR cells stimulated by insulin. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 282, 839-43	3.4	67
20	Characterisation of Rac activation in thrombin- and collagen-stimulated human blood platelets. <i>FEBS Letters</i> , 2001 , 507, 253-8	3.8	52
19	Production of phosphatidylinositol 3,4,5-trisphosphate and phosphatidic acid in platelet rafts: evidence for a critical role of cholesterol-enriched domains in human platelet activation. <i>Biochemistry</i> , 2001 , 40, 15290-9	3.2	80
18	Differential regulation of Rho and Rac through heterotrimeric G-proteins and cyclic nucleotides. <i>Journal of Biological Chemistry</i> , 2001 , 276, 47906-13	5.4	80
17	pp60c-src associates with the SH2-containing inositol-5-phosphatase SHIP1 and is involved in its tyrosine phosphorylation downstream of $\alpha\text{IIb}\beta\text{3}$ integrin in human platelets. <i>Biochemical Journal</i> , 2000 , 348, 107	3.8	6
16	The invasion protein InlB from <i>Listeria monocytogenes</i> activates PLC-gamma1 downstream from PI 3-kinase. <i>Cellular Microbiology</i> , 2000 , 2, 465-76	3.9	42
15	The integrin alpha IIb/beta 3 in human platelet signal transduction. <i>Biochemical Pharmacology</i> , 2000 , 60, 1069-74	6	87
14	Constitutive macropinocytosis in oncogene-transformed fibroblasts depends on sequential permanent activation of phosphoinositide 3-kinase and phospholipase C. <i>Molecular Biology of the Cell</i> , 2000 , 11, 3453-67	3.5	183
13	The platelet cytoskeleton regulates the aggregation-dependent synthesis of phosphatidylinositol 3,4-bisphosphate induced by thrombin. <i>FEBS Letters</i> , 2000 , 466, 355-8	3.8	7
12	Phosphoinositide 3-kinase inhibition reverses platelet aggregation triggered by the combination of the neutrophil proteinases elastase and cathepsin G without impairing alpha(IIb)beta(3) integrin activation. <i>FEBS Letters</i> , 2000 , 484, 184-8	3.8	11
11	The <i>Listeria monocytogenes</i> protein InlB is an agonist of mammalian phosphoinositide 3-kinase. <i>Journal of Biological Chemistry</i> , 1999 , 274, 17025-32	5.4	149

10	An epidermal growth factor receptor/Gab1 signaling pathway is required for activation of phosphoinositide 3-kinase by lysophosphatidic acid. <i>Journal of Biological Chemistry</i> , 1999 , 274, 32835-41	5.4	63
9	G-protein-stimulated phospholipase D activity is inhibited by lethal toxin from <i>Clostridium sordellii</i> in HL-60 cells. <i>Journal of Biological Chemistry</i> , 1999 , 274, 14021-31	5.4	20
8	Phosphatidylinositol 3-kinase translocates onto liver endoplasmic reticulum and may account for the inhibition of glucose-6-phosphatase during refeeding. <i>Journal of Biological Chemistry</i> , 1999 , 274, 3597-601	5.4	34
7	The 213-amino-acid leucine-rich repeat region of the <i>listeria monocytogenes</i> InlB protein is sufficient for entry into mammalian cells, stimulation of PI 3-kinase and membrane ruffling. <i>Molecular Microbiology</i> , 1999 , 34, 10-23	4.1	90
6	Flavonoids and the inhibition of PKC and PI 3-kinase. <i>General Pharmacology</i> , 1999 , 32, 279-86		197
5	Phosphoinositide 3-kinase and integrin signalling are involved in activation of Bruton tyrosine kinase in thrombin-stimulated platelets. <i>FEBS Letters</i> , 1999 , 443, 66-70	3.8	28
4	A collagen-related peptide regulates phospholipase C α via phosphatidylinositol 3-kinase in human platelets. <i>Biochemical Journal</i> , 1999 , 342, 171	3.8	24
3	Lipid products of phosphoinositide 3-kinase interact with Rac1 GTPase and stimulate GDP dissociation. <i>Journal of Biological Chemistry</i> , 1998 , 273, 30279-86	5.4	81
2	Liver microsomal glucose-6-phosphatase is competitively inhibited by the lipid products of phosphatidylinositol 3-kinase. <i>Journal of Biological Chemistry</i> , 1998 , 273, 17-9	5.4	40
1	Phosphatidylinositol 3,4,5-trisphosphate-dependent stimulation of phospholipase C-gamma2 is an early key event in Fc-gammaRIIA-mediated activation of human platelets. <i>Journal of Biological Chemistry</i> , 1998 , 273, 24314-21	5.4	135