Phillip T Hawkins

List of Publications by Year
in descending order

190	23,322	9786 73	7950 149
papers	citations	h-index	g-index

190	190	190	20600
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nonbiopsy Diagnosis of Cardiac Transthyretin Amyloidosis. Circulation, 2016, 133, 2404-2412.	1.6	1,335
2	Dual Role of Phosphatidylinositol-3,4,5-trisphosphate in the Activation of Protein Kinase B. Science, 1997, 277, 567-570.	12.6	1,131
3	Structural Determinants of Phosphoinositide 3-Kinase Inhibition by Wortmannin, LY294002, Quercetin, Myricetin, and Staurosporine. Molecular Cell, 2000, 6, 909-919.	9.7	1,102
4	Protein Kinase B Kinases That Mediate Phosphatidylinositol 3,4,5-Trisphosphate-Dependent Activation of Protein Kinase B. Science, 1998, 279, 710-714.	12.6	992
5	PI3K signalling: the path to discovery and understanding. Nature Reviews Molecular Cell Biology, 2012, 13, 195-203.	37.0	799
6	A novel phosphoinositide 3 kinase activity in myeloid-derived cells is activated by G protein Î²Î³ subunits. Cell, 1994, 77, 83-93.	28.9	611
7	Crystal Structure and Functional Analysis of Ras Binding to Its Effector Phosphoinositide 3-Kinase Î³. Cell, 2000, 103, 931-944.	28.9	574
8	The GÎ²Î³ Sensitivity of a PI3K Is Dependent upon a Tightly Associated Adaptor, p101. Cell, 1997, 89, 105-114.	28.9	542
9	Phosphoinositide 3-Kinase Î´ Gene Mutation Predisposes to Respiratory Infection and Airway Damage. Science, 2013, 342, 866-871.	12.6	541
10	Rapid breakdown of phosphatidylinositol 4-phosphate and phosphatidylinositol 4,5-bisphosphate in rat hepatocytes stimulated by vasopressin and other Ca2+-mobilizing hormones. Biochemical Journal, 1983, 212, 733-747.	3.7	540
11	PDGF stimulates an increase in GTPâ€“Rac via activation of phosphoinositide 3-kinase. Current Biology, 1995, 5, 393-403.	3.9	531
12	Signalling through Class I PI3Ks in mammalian cells. Biochemical Society Transactions, 2006, 34, 647-662.	3.4	502
13	P-Rex1, a PtdIns(3,4,5)P3- and GÎ²Î³-Regulated Guanine-Nucleotide Exchange Factor for Rac. Cell, 2002, 108, 809-821.	28.9	487
14	Activation of phosphoinositide 3-kinase is required for PDGF-stimulated membrane ruffling. Current Biology, 1994, 4, 385-393.	3.9	447
15	Prognostic Value of Late Gadolinium Enhancement Cardiovascular Magnetic Resonance in Cardiac Amyloidosis. Circulation, 2015, 132, 1570-1579.	1.6	442
16	A new staging system for cardiac transthyretin amyloidosis. European Heart Journal, 2018, 39, 2799-2806.	2.2	396
17	PtdIns(3)P regulates the neutrophil oxidase complex by binding to the PX domain of p40phox. Nature Cell Biology, 2001, 3, 679-682.	10.3	389
18	Translocation of PDK-1 to the plasma membrane is important in allowing PDK-1 to activate protein kinase B. Current Biology, 1998, 8, 684-691.	3.9	334

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19	Magnetic Resonance in TransthyretinÂCardiac Amyloidosis. Journal of the American College of Cardiology, 2017, 70, 466-477.	2.8	290
20	Natural History, Quality of Life, and Outcome in Cardiac Transthyretin Amyloidosis. Circulation, 2019, 140, 16-26.	1.6	288
21	Identification of ARAP3, a Novel PI3K Effector Regulating Both Arf and Rho GTPases, by Selective Capture on Phosphoinositide Affinity Matrices. Molecular Cell, 2002, 9, 95-108.	9.7	286
22	Phosphoinositide 3-kinase-dependent activation of Rac. FEBS Letters, 2003, 546, 93-97.	2.8	279
23	Sequential activation of class IB and class IA PI3K is important for the primed respiratory burst of human but not murine neutrophils. Blood, 2005, 106, 1432-1440.	1.4	274
24	The Crystal Structure of the PX Domain from p40phox Bound to Phosphatidylinositol 3-Phosphate. Molecular Cell, 2001, 8, 829-839.	9.7	263
25	Platelet-derived growth factor stimulates synthesis of PtdIns(3,4,5)P3 by activating a PtdIns(4,5)P2 3-OH kinase. Nature, 1992, 358, 157-159.	27.8	253
26	Quantification of PtdInsP3 molecular species in cells and tissues by mass spectrometry. Nature Methods, 2011, 8, 267-272.	19.0	246
27	Roles of PI3Ks in leukocyte chemotaxis and phagocytosis. Current Opinion in Cell Biology, 2002, 14, 203-213.	5.4	239
28	PI(3)KÎ³ has an important context-dependent role in neutrophil chemokinesis. Nature Cell Biology, 2007, 9, 86-91.	10.3	233
29	SCFAs Induce Mouse Neutrophil Chemotaxis through the GPR43 Receptor. PLoS ONE, 2011, 6, e21205.	2.5	226
30	Occult Transthyretin Cardiac Amyloid in Severe Calcific Aortic Stenosis. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	210
31	Phosphatidylinositol 3-kinase-Â activates Bruton's tyrosine kinase in concert with Src family kinases. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 13820-13825.	7.1	198
32	The cytotoxic T cell proteome and its shaping by the kinase mTOR. Nature Immunology, 2016, 17, 104-112.	14.5	192
33	Evolving landscape in the management of transthyretin amyloidosis. Annals of Medicine, 2015, 47, 625-638.	3.8	181
34	Native T1 and Extracellular Volume inÂTransthyretin Amyloidosis. JACC: Cardiovascular Imaging, 2019, 12, 810-819.	5.3	172
35	GÎ²Î³s and the Ras binding domain of p110Î³ are both important regulators of PI3KÎ³ signalling in neutrophils. Nature Cell Biology, 2006, 8, 1303-1309.	10.3	167
36	Phosphatidylinositol 3-phosphate is generated in phagosomal membranes. Current Biology, 2001, 11, 1631-1635.	3.9	162

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37	Neutrophils from p40phoxâ˜'/â˜' mice exhibit severe defects in NADPH oxidase regulation and oxidant-dependent bacterial killing. Journal of Experimental Medicine, 2006, 203, 1927-1937.	8.5	162
38	P-Rex1 Regulates Neutrophil Function. Current Biology, 2005, 15, 1867-1873.	3.9	161
39	Structure of Lipid Kinase p110Î²/p85Î² Elucidates an Unusual SH2-Domain-Mediated Inhibitory Mechanism. Molecular Cell, 2011, 41, 567-578.	9.7	161
40	p84, a New GÎ²Î³-Activated Regulatory Subunit of the Type IB Phosphoinositide 3-Kinase p110Î³. Current Biology, 2005, 15, 566-570.	3.9	157
41	Moving towards a Better Understanding of Chemotaxis. Current Biology, 2008, 18, R485-R494.	3.9	154
42	PTEN Regulates PI(3,4)P2 Signaling Downstream of Class I PI3K. Molecular Cell, 2017, 68, 566-580.e10.	9.7	149
43	Differential Myocyte Responses in Patients with Cardiac Transthyretin Amyloidosis and Light-Chain Amyloidosis: A Cardiac MR Imaging Study. Radiology, 2015, 277, 388-397.	7.3	146
44	Diagnosis, Pathogenesis, Treatment, and Prognosis of Hereditary Fibrinogen AÎ±-Chain Amyloidosis. Journal of the American Society of Nephrology: JASN, 2009, 20, 444-451.	6.1	145
45	Myocardial Edema and Prognosis inÂAmyloidosis. Journal of the American College of Cardiology, 2018, 71, 2919-2931.	2.8	145
46	Diagnostic sensitivity of abdominal fat aspiration in cardiac amyloidosis. European Heart Journal, 2017, 38, 1905-1908.	2.2	144
47	Characterization of a phosphatidylinositol-specific phosphoinositide 3-kinase from mammalian cells. Current Biology, 1994, 4, 203-214.	3.9	138
48	Functional drug screening reveals anticonvulsants as enhancers of mTORâ€independent autophagic killing of Mycobacterium tuberculosis through inositol depletion. EMBO Molecular Medicine, 2015, 7, 127-139.	6.9	137
49	Cardiac amyloidosis. Clinical Medicine, 2018, 18, s30-s35.	1.9	135
50	PI3KÎ² Plays a Critical Role in Neutrophil Activation by Immune Complexes. Science Signaling, 2011, 4, ra23.	3.6	130
51	A study of implanted cardiac rhythm recorders in advanced cardiac AL amyloidosis. European Heart Journal, 2015, 36, 1098-1105.	2.2	129
52	Prognostic utility of the Perugini grading of 99mTc-DPD scintigraphy in transthyretin (ATTR) amyloidosis and its relationship with skeletal muscle and soft tissue amyloid. European Heart Journal Cardiovascular Imaging, 2017, 18, 1344-1350.	1.2	124
53	ARAP3 Is a PI3K- and Rap-Regulated GAP for RhoA. Current Biology, 2004, 14, 1380-1384.	3.9	119
54	PtdIns3P binding to the PX domain of p40phox is a physiological signal in NADPH oxidase activation. EMBO Journal, 2006, 25, 4468-4478.	7.8	116

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55	Cardiac Structural and Functional Consequences of Amyloid Deposition byÂCardiac Magnetic Resonance andÂEchocardiography and TheirÂPrognosticÂRoles. JACC: Cardiovascular Imaging, 2019, 12, 823-833.	5.3	113
56	Reduction in CMR Derived Extracellular Volume With Patisiran Indicates Cardiac Amyloid Regression. JACC: Cardiovascular Imaging, 2021, 14, 189-199.	5.3	113
57	Activation of Phosphoinositide 3-Kinase Î³ by Ras. Current Biology, 2002, 12, 1068-1075.	3.9	110
58	A novel mechanoâ€enzymatic cleavage mechanism underlies transthyretin amyloidogenesis. EMBO Molecular Medicine, 2015, 7, 1337-1349.	6.9	109
59	Echocardiographic phenotype and prognosis in transthyretin cardiac amyloidosis. European Heart Journal, 2020, 41, 1439-1447.	2.2	108
60	Colorectal carcinomas in mice lacking the catalytic subunit of PI(3)KÎ³. Nature, 2000, 406, 897-902.	27.8	102
61	Regulation of P-Rex1 by Phosphatidylinositol (3,4,5)-Trisphosphate and GÎ²Î³ Subunits. Journal of Biological Chemistry, 2005, 280, 4166-4173.	3.4	102
62	Phosphoinositide 3-kinases as drug targets in cancer. Current Opinion in Pharmacology, 2005, 5, 357-365.	3.5	100
63	Emerging evidence of signalling roles for PI(3,4)P2 in Class I and II PI3K-regulated pathways. Biochemical Society Transactions, 2016, 44, 307-314.	3.4	96
64	A comparison of immunohistochemistry and mass spectrometry for determining the amyloid fibril protein from formalin-fixed biopsy tissue. Journal of Clinical Pathology, 2015, 68, 314-317.	2.0	95
65	P-Rex2, a new guanine-nucleotide exchange factor for Rac. FEBS Letters, 2004, 572, 172-176.	2.8	94
66	Repeat doses of antibody to serum amyloid P component clear amyloid deposits in patients with systemic amyloidosis. Science Translational Medicine, 2018, 10, .	12.4	94
67	Compensation between CSF1R+ macrophages and Foxp3+ Treg cells drives resistance to tumor immunotherapy. JCI Insight, 2018, 3, .	5.0	90
68	PI3K Signaling in Neutrophils. Current Topics in Microbiology and Immunology, 2010, 346, 183-202.	1.1	84
69	Diagnostic imaging of cardiac amyloidosis. Nature Reviews Cardiology, 2020, 17, 413-426.	13.7	84
70	Protein Kinase B and Rac Are Activated in Parallel within a Phosphatidylinositide 3OH-kinase-controlled Signaling Pathway. Journal of Biological Chemistry, 1998, 273, 11248-11256.	3.4	83
71	Two distinct functions for PI3-kinases in macropinocytosis. Journal of Cell Science, 2013, 126, 4296-307.	2.0	83
72	CD18-dependent activation of the neutrophil NADPH oxidase during phagocytosis of Escherichia coli or Staphylococcus aureus is regulated by class III but not class I or II PI3Ks. Blood, 2008, 112, 5202-5211.	1.4	81

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73	Structure, Folding Dynamics, and Amyloidogenesis of D76N Î²2-Microglobulin. Journal of Biological Chemistry, 2013, 288, 30917-30930.	3.4	80
74	Pathogenetic mechanisms of amyloid A amyloidosis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16115-16120.	7.1	79
75	Characterizing the Interactions between the Two Subunits of the p101/p110Î³ Phosphoinositide 3-Kinase and Their Role in the Activation of This Enzyme by GÎ²Î³ Subunits. Journal of Biological Chemistry, 1999, 274, 17152-17158.	3.4	78
76	A new approach to measuring phosphoinositides in cells by mass spectrometry. Advances in Biological Regulation, 2014, 54, 131-141.	2.3	70
77	PI3KÎ³ Is a Key Regulator of Inflammatory Responses and Cardiovascular Homeostasis. Science, 2007, 318, 64-66.	12.6	68
78	Phosphoproteomic Analyses of Interleukin 2 Signaling Reveal Integrated JAK Kinase-Dependent and -Independent Networks in CD8 + T Cells. Immunity, 2016, 45, 685-700.	14.3	68
79	Plasminogen activation triggers transthyretin amyloidogenesis in vitro. Journal of Biological Chemistry, 2018, 293, 14192-14199.	3.4	68
80	Lysophosphatidylinositol-Acyltransferase-1 (LPIAT1) Is Required to Maintain Physiological Levels of PtdIns and PtdInsP2 in the Mouse. PLoS ONE, 2013, 8, e58425.	2.5	65
81	Class IA Phosphoinositide 3-Kinase Î² and Î´ Regulate Neutrophil Oxidase Activation in Response toAspergillus fumigatusHyphae. Journal of Immunology, 2011, 186, 2978-2989.	0.8	64
82	Regulation of PTEN inhibition by the pleckstrin homology domain of P-REX2 during insulin signaling and glucose homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 155-160.	7.1	61
83	Changing epidemiology of AA amyloidosis: clinical observations over 25 years at a single national referral centre. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2017, 24, 162-166.	3.0	61
84	GPCR activation of Ras and PI3KÎ³ in neutrophils depends on PLCÎ²2/Î²3 and the RasGEF RasGRP4. EMBO Journal, 2012, 31, 3118-3129.	7.8	58
85	Synthesis and biological evaluation of phosphatidylinositol phosphate affinity probes. Organic and Biomolecular Chemistry, 2010, 8, 66-76.	2.8	56
86	The Molecular Basis of the Differential Subcellular Localization of FYVE Domains. Journal of Biological Chemistry, 2004, 279, 53818-53827.	3.4	55
87	ARAP3 is essential for formation of lamellipodia after growth factor stimulation. Journal of Cell Science, 2006, 119, 425-432.	2.0	55
88	PtdIns3P and Rac direct the assembly of the NADPH oxidase on a novel, pre-phagosomal compartment during FcR-mediated phagocytosis in primary mouse neutrophils. Blood, 2010, 116, 4978-4989.	1.4	55
89	Response to anakinra in a de novo case of neonatal-onset multisystem inflammatory disease. Arthritis and Rheumatism, 2004, 50, 2708-2709.	6.7	54
90	The GTPase-activating protein ARAP3 regulates chemotaxis and adhesion-dependent processes in neutrophils. Blood, 2011, 118, 1087-1098.	1.4	54

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91	Dictyostelium uses etherâ€linked inositol phospholipids for intracellular signalling. EMBO Journal, 2014, 33, 2188-2200.	7.8	53
92	Coincident signals from GPCRs and receptor tyrosine kinases are uniquely transduced by PI3KÎ² in myeloid cells. Science Signaling, 2016, 9, ra82.	3.6	53
93	P-Rex1 directly activates RhoG to regulate GPCR-driven Rac signalling and actin polarity in neutrophils. Journal of Cell Science, 2014, 127, 2589-600.	2.0	50
94	PI3K Class IB Pathway in Neutrophils. Science's STKE: Signal Transduction Knowledge Environment, 2007, 2007, cm3.	3.9	49
95	The role of phosphoinositides and phosphorylation in regulation of NADPH oxidase. Advances in Enzyme Regulation, 2004, 44, 279-298.	2.6	47
96	cAMP Signaling of Adenylate Cyclase Toxin Blocks the Oxidative Burst of Neutrophils through Epac-Mediated Inhibition of Phospholipase C Activity. Journal of Immunology, 2017, 198, 1285-1296.	0.8	46
97	Functional Redundancy of Class I Phosphoinositide 3-Kinase (PI3K) Isoforms in Signaling Growth Factor-Mediated Human Neutrophil Survival. PLoS ONE, 2012, 7, e45933.	2.5	45
98	General synthesis of 3-phosphorylated myo-inositol phospholipids and derivatives. Journal of the Chemical Society Perkin Transactions 1, 1999, , 923-936.	0.9	43
99	DAPP1 undergoes a PI 3-kinase-dependent cycle of plasma-membrane recruitment and endocytosis upon cell stimulation. Current Biology, 2000, 10, 1403-1412.	3.9	43
100	LL5Î² Is a Phosphatidylinositol (3,4,5)-Trisphosphate Sensor That Can Bind the Cytoskeletal Adaptor, Î³-Filamin. Journal of Biological Chemistry, 2003, 278, 1328-1335.	3.4	43
101	The regulatory subunits of PI3KÎ³ control distinct neutrophil responses. Science Signaling, 2015, 8, ra8.	3.6	42
102	How is the acyl chain composition of phosphoinositides created and does it matter?. Biochemical Society Transactions, 2019, 47, 1291-1305.	3.4	42
103	Priming of human neutrophil superoxide generation by tumour necrosis factor-Î± is signalled by enhanced phosphatidylinositol 3,4,5-trisphosphate but not inositol 1,4,5-trisphosphate accumulation. FEBS Letters, 1998, 439, 147-151.	2.8	41
104	Phosphorylation of threonine 154 in p40phox is an important physiological signal for activation of the neutrophil NADPH oxidase. Blood, 2010, 116, 6027-6036.	1.4	40
105	Quantitation of class IA PI3Ks in mice reveals p110-free-p85s and isoform-selective subunit associations and recruitment to receptors. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12176-12181.	7.1	40
106	Signalling via phosphoinositide 30H kinases. Biochemical Society Transactions, 1997, 25, 1147-1151.	3.4	37
107	RhoG Regulates the Neutrophil NADPH Oxidase. Journal of Immunology, 2006, 176, 5314-5320.	0.8	37
108	PI3K Class IB Pathway. Science's STKE: Signal Transduction Knowledge Environment, 2007, 2007, cm2.	3.9	36

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109	Synergistic activation of JNK/SAPK by interleukin-1 and platelet-derived growth factor is independent of Rac and Cdc42. Biochemical Journal, 1999, 338, 387-392.	3.7	35
110	In-depth PtdIns(3,4,5)P3 signalosome analysis identifies DAPP1 as a negative regulator of GPVI-driven platelet function. Blood Advances, 2017, 1, 918-932.	5.2	34
111	Quantitative Measurement of Phosphatidylinositol 3,4,5-trisphosphate. Methods in Enzymology, 2007, 434, 117-130.	1.0	33
112	Src Family Kinases Mediate Receptor-stimulated, Phosphoinositide 3-Kinase-dependent, Tyrosine Phosphorylation of Dual Adaptor for Phosphotyrosine and 3-Phosphoinositides-1 in Endothelial and B Cell Lines. Journal of Biological Chemistry, 2001, 276, 42767-42773.	3.4	32
113	SGK1 Is a Critical Component of an AKT-Independent Pathway Essential for PI3K-Mediated Tumor Development and Maintenance. Cancer Research, 2017, 77, 6914-6926.	0.9	32
114	Class (I) Phosphoinositide 3-Kinases in the Tumor Microenvironment. Cancers, 2017, 9, 24.	3.7	31
115	Identification of a novel inositol phosphate recognition site: Specific [3H]inositol hexakisphosphate binding to brain regions and cerebellar membranes. Biochemical and Biophysical Research Communications, 1990, 167, 819-827.	2.1	30
116	The role of PI3Ks in the regulation of the neutrophil NADPH oxidase. Biochemical Society Symposia, 2007, 74, 59.	2.7	30
117	Mechanism of the regulation of type IB phosphoinositide 3OH-kinase byG-protein Î²Î³ subunits. Biochemical Journal, 2002, 362, 725-731.	3.7	29
118	The Phosphoinositide 3â€Kinase Isoform PI3KÎ² Regulates Osteoclastâ€Mediated Bone Resorption in Humans and Mice. Arthritis and Rheumatology, 2014, 66, 2210-2221.	5.6	29
119	Genome organization and chromatin analysis identify transcriptional downregulation of insulin-like growth factor signaling as a hallmark of aging in developing B cells. Genome Biology, 2018, 19, 126.	8.8	29
120	Analysis of the TTR gene in the investigation of amyloidosis: A 25-year single UK center experience. Human Mutation, 2019, 40, 90-96.	2.5	29
121	The metabolism and functions of inositol pentakisphosphate and inositol hexakisphosphate. Biochemical Society Transactions, 1989, 17, 3-5.	3.4	28
122	Use of the GRP1 PH domain as a tool to measure the relative levels of PtdIns(3,4,5)P3 through a protein-lipid overlay approach. Journal of Lipid Research, 2007, 48, 726-732.	4.2	27
123	The hexosamine biosynthesis pathway and Oâ€Glc<scp>NA</scp>cylation maintain insulinâ€stimulated <scp>PI</scp>3Kâ€<scp>PKB</scp> phosphorylation and tumour cell growth after shortâ€term glucose deprivation. FEBS Journal, 2014, 281, 3591-3608.	4.7	26
124	The Parkinson's gene PINK1 activates Akt via PINK1 kinase-dependent regulation of the phospholipid PI(3,4,5)P3. Journal of Cell Science, 2019, 132, .	2.0	26
125	Diffusion Tensor Cardiovascular Magnetic Resonance in Cardiac Amyloidosis. Circulation: Cardiovascular Imaging, 2020, 13, e009901.	2.6	26
126	Gi-mediated translocation of GLUT4 is independent of p85/p110Î± and p110Î³ phosphoinositide 3-kinases but might involve the activation of Akt kinase. Biochemical Journal, 2000, 345, 543-555.	3.7	25

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127	Renal Amyloidosis Associated With 5 NovelÂVariants in the Fibrinogen A Alpha Chain Protein. Kidney International Reports, 2017, 2, 461-469.	0.8	25
128	The role of PI3Ks in the regulation of the neutrophil NADPH oxidase. Biochemical Society Symposia, 2007, 74, 59-67.	2.7	25
129	Class IA PI3Ks regulate subcellular and functional dynamics of IDO1. EMBO Reports, 2020, 21, e49756.	4.5	24
130	The Inositol-3-Phosphate Synthase Biosynthetic Enzyme Has Distinct Catalytic and Metabolic Roles. Molecular and Cellular Biology, 2016, 36, 1464-1479.	2.3	22
131	Disease progression in cardiac transthyretin amyloidosis is indicated by serial calculation of National Amyloidosis Centre transthyretin amyloidosis stage. ESC Heart Failure, 2020, 7, 3942-3949.	3.1	22
132	In B cells, phosphatidylinositol 5-phosphate 4-kinaseâ€“Î± synthesizes PI(4,5)P2 to impact mTORC2 and Akt signaling. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10571-10576.	7.1	21
133	Synthesis and biological evaluation of a PtdIns(3,4,5)P3 affinity matrix. Chemical Communications, 2001, , 645-646.	4.1	20
134	Perturbations of PIP3 signalling trigger a global remodelling of mRNA landscape and reveal a transcriptional feedback loop. Nucleic Acids Research, 2015, 43, gkv1015.	14.5	20
135	Investigating the effect of arachidonate supplementation on the phosphoinositide content of MCF10a breast epithelial cells. Advances in Biological Regulation, 2016, 62, 18-24.	2.3	20
136	Diagnostic amyloid proteomics: experience of the UK National Amyloidosis Centre. Clinical Chemistry and Laboratory Medicine, 2020, 58, 948-957.	2.3	20
137	Mechanism of the regulation of type IB phosphoinositide 3OH-kinase byG-protein Î²Î³ subunits. Biochemical Journal, 2002, 362, 725.	3.7	19
138	3D time series analysis of cell shape using Laplacian approaches. BMC Bioinformatics, 2013, 14, 296.	2.6	19
139	Phosphoinositide 3-OH Kinase Regulates Integrin-Dependent Processes in Neutrophils by Signaling through Its Effector ARAP3. Journal of Immunology, 2013, 190, 381-391.	0.8	19
140	GÎ²Î³ is a direct regulator of endogenous p101/p110Î³ and p84/p110Î³ PI3KÎ³ complexes in mouse neutrophils. Science Signaling, 2020, 13, .	3.6	19
141	Cardiac Magnetic Resonanceâ€“Derived Extracellular Volume Mapping for the Quantification of Hepatic and Splenic Amyloid. Circulation: Cardiovascular Imaging, 2021, 14, CIRCIMAGING121012506.	2.6	19
142	Activation of the neutrophil NADPH oxidase by Aspergillus fumigatus. Annals of the New York Academy of Sciences, 2012, 1273, 68-73.	3.8	18
143	Diagnosis, pathogenesis and outcome in leucocyte chemotactic factor 2 (ALECT2) amyloidosis. Nephrology Dialysis Transplantation, 2016, 33, gfw375.	0.7	18
144	Kinase-independent synthesis of 3-phosphorylated phosphoinositides by a phosphotransferase. Nature Cell Biology, 2022, 24, 708-722.	10.3	18

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145	Safety and efficacy of empirical interleukin-1 inhibition using anakinra in AA amyloidosis of uncertain aetiology. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2017, 24, 189-193.	3.0	17
146	Frontline Science: TNF-Î± and GM-CSF1 priming augments the role of SOS1/2 in driving activation of Ras, PI3K-Î³, and neutrophil proinflammatory responses. Journal of Leukocyte Biology, 2019, 106, 815-822.	3.3	17
147	Moving in mysterious ways. Nature, 2000, 404, 135-137.	27.8	16
148	INSAID Variant Classification and Eurofever Criteria Guide Optimal Treatment Strategy in Patients with TRAPS: Data from the Eurofever Registry. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 783-791.e4.	3.8	16
149	Is Vasopressin-Stimulated Inositol Lipid Breakdown Intrinsic to the Mechanism of Ca2+-Mobilization at V1 Vasopressin Receptors?. Progress in Brain Research, 1983, 60, 405-411.	1.4	14
150	Increasing the accuracy of proteomic typing by decellularisation of amyloid tissue biopsies. Journal of Proteomics, 2017, 165, 113-118.	2.4	14
151	Plasmin activity promotes amyloid deposition in a transgenic model of human transthyretin amyloidosis. Nature Communications, 2021, 12, 7112.	12.8	13
152	Acyl chain selection couples the consumption and synthesis of phosphoinositides. EMBO Journal, 2022, 41, .	7.8	13
153	Synergistic activation of JNK/SAPK by interleukin-1 and platelet-derived growth factor is independent of Rac and Cdc42. Biochemical Journal, 1999, 338, 387.	3.7	12
154	Structural determinants of LL5Î²2 subcellular localisation and association with filamin C. Cellular Signalling, 2007, 19, 817-824.	3.6	12
155	PI3KÎ´ Forms Distinct Multiprotein Complexes at the TCR Signalosome in NaÃ¯ve and Differentiated CD4+ T Cells. Frontiers in Immunology, 2021, 12, 631271.	4.8	12
156	Signaling via Class IA Phosphoinositide 3-Kinases (PI3K) in Human, Breast-Derived Cell Lines. PLoS ONE, 2013, 8, e75045.	2.5	12
157	Gi-mediated translocation of GLUT4 is independent of p85/p110Î± and p110Î³ phosphoinositide 3-kinases but might involve the activation of Akt kinase. Biochemical Journal, 2000, 345, 543.	3.7	11
158	Localizing the lipid products of PI3KÎ³ in neutrophils. Advances in Biological Regulation, 2016, 60, 36-45.	2.3	11
159	Clinical and Genetic Evaluation of People with or at Risk of Hereditary ATTR Amyloidosis: An Expert Opinion and Consensus on Best Practice in Ireland and the UK. Advances in Therapy, 2022, 39, 2292-2301.	2.9	11
160	Insulin and ATP stimulate actin polymerization in U937 cells by a wortmannin-sensitive mechanism. FEBS Letters, 1996, 392, 66-70.	2.8	10
161	Synthesis of dipalmitoyl phosphatidylinositol 3,4-bis(phosphate) and 3,4,5-tris(phosphate) and their enantiomers. Chemical Communications, 1997, , 1635-1636.	4.1	10
162	Staging Cardiac Amyloidosis With CMR. JACC: Cardiovascular Imaging, 2016, 9, 1278-1279.	5.3	10

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