Philip Cohen

List of Publications by Year
in descending order

324 papers	72,202 citations	910 119 h-index	636 264 g-index
329 all docs	329 docs citations	329 times ranked	53314 citing authors

#	Article	IF	Citations
1	Inhibition of glycogen synthase kinase-3 by insulin mediated by protein kinase B. Nature, 1995, 378, 785-789.	13.7	4,694
2	Specificity and mechanism of action of some commonly used protein kinase inhibitors. Biochemical Journal, 2000, 351, 95-105.	1.7	3,878
3	PD 098059 Is a Specific Inhibitor of the Activation of Mitogen-activated Protein Kinase Kinase in Vitro and in Vivo. Journal of Biological Chemistry, 1995, 270, 27489-27494.	1.6	3,190
4	Specificity and mechanism of action of some commonly used protein kinase inhibitors. Biochemical Journal, 2000, 351, 95.	1.7	2,718
5	Characterization of a 3-phosphoinositide-dependent protein kinase which phosphorylates and activates protein kinase BÎ±. Current Biology, 1997, 7, 261-269.	1.8	2,612
6	The selectivity of protein kinase inhibitors: a further update. Biochemical Journal, 2007, 408, 297-315.	1.7	2,287
7	Protein kinases â€" the major drug targets of the twenty-first century?. Nature Reviews Drug Discovery, 2002, 1, 309-315.	21.5	1,944
8	A novel kinase cascade triggered by stress and heat shock that stimulates MAPKAP kinase-2 and phosphorylation of the small heat shock proteins. Cell, 1994, 78, 1027-1037.	13.5	1,652
9	Cyanobacterial microcystin-LR is a potent and specific inhibitor of protein phosphatases 1 and 2A from both mammals and higher plants. FEBS Letters, 1990, 264, 187-192.	1.3	1,488
10	The renaissance of GSK3. Nature Reviews Molecular Cell Biology, 2001, 2, 769-776.	16.1	1,395
11	The specificities of protein kinase inhibitors: an update. Biochemical Journal, 2003, 371, 199-204.	1.7	1,339
12	Okadaic acid: a new probe for the study of cellular regulation. Trends in Biochemical Sciences, 1990, 15, 98-102.	3.7	1,332
13	GSK3 takes centre stage more than 20 years after its discovery. Biochemical Journal, 2001, 359, 1-16.	1.7	1,196
14	The role of protein phosphorylation in neural and hormonal control of cellular activity. Nature, 1982, 296, 613-620.	13.7	1,157
15	On target with a new mechanism for the regulation of protein phosphorylation. Trends in Biochemical Sciences, 1993, 18, 172-177.	3.7	918
16	The origins of protein phosphorylation. Nature Cell Biology, 2002, 4, E127-E130.	4.6	904
17	Activation of the MAP kinase pathway by the protein kinase raf. Cell, 1992, 71, 335-342.	13.5	864
18	The Subunit Structure of Rabbit-Skeletal-Muscle Phosphorylase Kinase, and the Molecular Basis of Its Activation Reactions. FEBS Journal, 1973, 34, 1-14.	0.2	717

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19	Glycogen Synthase Kinaseâ€3 from Rabbit Skeletal Muscle. FEBS Journal, 1980, 107, 519-527.	0.2	697
20	GSK3 inhibitors: development and therapeutic potential. Nature Reviews Drug Discovery, 2004, 3, 479-487.	21.5	696
21	Identification of the Ca2+-dependent modulator protein as the fourth subunit of rabbit skeletal muscle phosphorylase kinase. FEBS Letters, 1978, 92, 287-293.	1.3	620
22	A Common Phosphate Binding Site Explains the Unique Substrate Specificity of GSK3 and Its Inactivation by Phosphorylation. Molecular Cell, 2001, 7, 1321-1327.	4.5	618
23	Dissection of the protein kinase cascade by which nerve growth factor activates MAP kinases. Nature, 1991, 353, 170-173.	13.7	611
24	DARPP-32, a dopamine-regulated neuronal phosphoprotein, is a potent inhibitor of protein phosphatase-1. Nature, 1984, 310, 503-505.	13.7	576
25	Molecular basis for the substrate specificity of protein kinase B; comparison with MAPKAP kinase-1 and p70 S6 kinase. FEBS Letters, 1996, 399, 333-338.	1.3	563
26	The molecular mechanism by which insulin stimulates glycogen synthesis in mammalian skeletal muscle. Nature, 1990, 348, 302-308.	13.7	548
27	Activation of serum- and glucocorticoid-regulated protein kinase by agonists that activate phosphatidylinositide 3-kinase is mediated by 3-phosphoinositide-dependent protein kinase-1 (PDK1) and PDK2. Biochemical Journal, 1999, 339, 319-328.	1.7	543
28	The role of protein phosphorylation in human health and disease.. FEBS Journal, 2001, 268, 5001-5010.	0.2	528
29	Identification of MAPKAP kinase 2 as a major enzyme responsible for the phosphorylation of the small mammalian heat shock proteins. FEBS Letters, 1992, 313, 307-313.	1.3	516
30	Kinase drug discovery 20 years after imatinib: progress and future directions. Nature Reviews Drug Discovery, 2021, 20, 551-569.	21.5	497
31	GLYCOGEN SYNTHASE KINASE-3 FROM RABBIT SKELETAL MUSCLE. Biochemical Society Transactions, 1981, 9, 241P-241P.	1.6	488
32	Discovery of A Ca2+ -and calmodulin-dependent protein phosphatase. FEBS Letters, 1982, 137, 80-84.	1.3	472
33	An improved procedure for identifying and quantitating protein phosphatases in mammalian tissues. FEBS Letters, 1989, 250, 596-600.	1.3	472
34	The Protein Phosphatases Involved in Cellular Regulation. 1. Classification and Substrate Specificities. FEBS Journal, 1983, 132, 255-261.	0.2	456
35	The role of 3-phosphoinositide-dependent protein kinase 1 in activating AGC kinases defined in embryonic stem cells. Current Biology, 2000, 10, 439-448.	1.8	434
36	MSK1 and MSK2 Are Required for the Mitogen- and Stress-Induced Phosphorylation of CREB and ATF1 in Fibroblasts. Molecular and Cellular Biology, 2002, 22, 2871-2881.	1.1	417

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37	Chaperoned Ubiquitylationâ€"Crystal Structures of the CHIP U Box E3 Ubiquitin Ligase and a CHIP-Ubc13-Uev1a Complex. Molecular Cell, 2005, 20, 525-538.	4.5	382
38	The role of protein phosphorylation in the hormonal control of enzyme activity. FEBS Journal, 1985, 151, 439-448.	0.2	373
39	Activation of the canonical IKK complex by K63/M1-linked hybrid ubiquitin chains. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15247-15252.	3.3	373
40	The control of protein phosphatase-1 by targetting subunits. The major myosin phosphatase in avian smooth muscle is a novel form of protein phosphatase-1. FEBS Journal, 1992, 210, 1023-1035.	0.2	350
41	Kinase Drug Discovery â€" Whatâ€™s Next in the Field?. ACS Chemical Biology, 2013, 8, 96-104.	1.6	344
42	The Role of Cyclic-AMP-Dependent Protein Kinase in the Regulation of Glycogen Metabolism in Mammalian Skeletal Muscle. Current Topics in Cellular Regulation, 1978, 14, 117-196.	9.6	326
43	Identification of the NH2 -terminal blocking group of calcineurin B as myristic acid. FEBS Letters, 1982, 150, 314-318.	1.3	317
44	Use of the Pharmacological Inhibitor BX795 to Study the Regulation and Physiological Roles of TBK1 and IÎºB Kinase Ïµ. Journal of Biological Chemistry, 2009, 284, 14136-14146.	1.6	316
45	The kinase DYRK phosphorylates protein-synthesis initiation factor eIF2BÉ› at Ser539 and the microtubule-associated protein tau at Thr212: potential role for DYRK as a glycogen synthase kinase 3-priming kinase. Biochemical Journal, 2001, 355, 609-615.	1.7	299
46	Exploitation of KESTREL to identify NDRG family members as physiological substrates for SGK1 and GSK3. Biochemical Journal, 2004, 384, 477-488.	1.7	299
47	Conversion of SB 203580-insensitive MAP kinase family members to drug-sensitive forms by a single amino-acid substitution. Chemistry and Biology, 1998, 5, 321-328.	6.2	294
48	Further evidence that the tyrosine phosphorylation of glycogen synthase kinase-3 (GSK3) in mammalian cells is an autophosphorylation event. Biochemical Journal, 2004, 377, 249-255.	1.7	286
49	Phosphorylation of microtubule-associated protein tau by stress-activated protein kinases. FEBS Letters, 1997, 409, 57-62.	1.3	272
50	p42 map kinase phosphorylation sites in microtubule-associated protein tau are dephosphorylated by protein phosphatase 2A1Implications for Alzheimer's disease. FEBS Letters, 1992, 312, 95-99.	1.3	269
51	Glycogen Synthase from Rabbit Skeletal Muscle; Effect of Insulin on the State of phosphorylation of the Seven Phosphoserine Residues <i>in vivo</i>. FEBS Journal, 1983, 130, 227-234.	0.2	269
52	Activation of protein kinase B Î² and Î³ isoforms by insulin in vivo and by 3-phosphoinositide-dependent protein kinase-1 in vitro: comparison with protein kinase B Î±. Biochemical Journal, 1998, 331, 299-308.	1.7	268
53	Novel cross-talk within the IKK family controls innate immunity. Biochemical Journal, 2011, 434, 93-104.	1.7	261
54	Feedback control of the protein kinase TAK1 by SAPK2a/p38Â. EMBO Journal, 2003, 22, 5793-5805.	3.5	253

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55	Will the Ubiquitin System Furnish as Many Drug Targets as Protein Kinases?. Cell, 2010, 143, 686-693.	13.5	253
56	The protein phosphatases involved in cellular regulation. Purification and characterisation of the glycogen-bound form of protein phosphatase-1 from rabbit skeletal muscle. FEBS Journal, 1985, 149, 295-303.	0.2	250
57	A reinvestigation of the multisite phosphorylation of the transcription factor c-Jun. EMBO Journal, 2003, 22, 3876-3886.	3.5	245
58	Purification of Glycogen Synthase Kinase 3 from Rabbit Skeletal Muscle.. Copurification with the Activating Factor (FA)of the (Mg-ATP) Dependent Protein Phosphatase.. FEBS Journal, 1981, 119, 443-451.	0.2	232
59	Paradoxical activation of Raf by a novel Raf inhibitor. Chemistry and Biology, 1999, 6, 559-568.	6.2	232
60	PDK1, one of the missing links in insulin signal transduction?1. FEBS Letters, 1997, 410, 3-10.	1.3	230
61	Effects of MAP kinase cascade inhibitors on the MKK5/ERK5 pathway. FEBS Letters, 2001, 502, 21-24.	1.3	229
62	IRAK-1 bypasses priming and directly links TLRs to rapid NLRP3 inflammasome activation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 775-780.	3.3	225
63	The Î±-isoform of glycogen synthase kinase-3 from rabbit skeletal muscle is inactivated by p70 S6 kinase or MAP kinase-activated protein kinase-1 in vitro. FEBS Letters, 1994, 338, 37-42.	1.3	222
64	Assay of protein kinases using radiolabeled ATP: a protocol. Nature Protocols, 2006, 1, 968-971.	5.5	220
65	Further evidence that the inhibition of glycogen synthase kinase-3Î² by IGF-1 is mediated by PDK1/PKB-induced phosphorylation of Ser-9 and not by dephosphorylation of Tyr-216. FEBS Letters, 1997, 416, 307-311.	1.3	213
66	A GSK3-binding peptide from FRAT1 selectively inhibits the GSK3-catalysed phosphorylation of Axin and Î²-catenin. FEBS Letters, 1999, 458, 247-251.	1.3	212
67	Phosphorylation of CRTC3 by the salt-inducible kinases controls the interconversion of classically activated and regulatory macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16986-16991.	3.3	210
68	Identification of the major protein phosphatases in mammalian cardiac muscle which dephosphorylate phospholamban. FEBS Journal, 1991, 196, 725-734.	0.2	200
69	The twentieth century struggle to decipher insulin signalling. Nature Reviews Molecular Cell Biology, 2006, 7, 867-873.	16.1	197
70	Targeting protein kinases for the development of anti-inflammatory drugs. Current Opinion in Cell Biology, 2009, 21, 317-324.	2.6	193
71	The Purification and Properties of Rabbit Skeletal Muscle Glycogen Synthase. FEBS Journal, 1976, 68, 21-30.	0.2	192
72	Inhibition of SAPK2a/p38 prevents hnRNP A0 phosphorylation by MAPKAP-K2 and its interaction with cytokine mRNAs. EMBO Journal, 2002, 21, 6505-6514.	3.5	191

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73	The MgATP-Dependent Protein Phosphatase and Protein Phosphatase 1 Have Identical Substrate Specificities. FEBS Journal, 1981, 115, 197-205.	0.2	190
74	Insulin activates protein kinase B, inhibits glycogen synthase kinase-3 and activates glycogen synthase by rapamycin-insensitive pathways in skeletal muscle and adipose tissue. FEBS Letters, 1997, 406, 211-215.	1.3	187
75	The Protein Phosphatases Involved in Cellular Regulation. 5. Purification and Properties of a Ca2+ /Calmodulin-Dependent Protein Phosphatase (2B) from Rabbit Skeletal Muscle. FEBS Journal, 1983, 132, 289-295.	0.2	184
76	Phosphorylation of the regulatory subunit of smooth muscle protein phosphatase 1M at Thr850 induces its dissociation from myosin. FEBS Letters, 2002, 527, 101-104.	1.3	183
77	The IkappaB Kinase Family Phosphorylates the Parkinsonâ€™s Disease Kinase LRRK2 at Ser935 and Ser910 during Toll-Like Receptor Signaling. PLoS ONE, 2012, 7, e39132.	1.1	183
78	Inhibitor-2 functions like a chaperone to fold three expressed isoforms of mammalian protein phosphatase-1 into a conformation with the specificity and regulatory properties of the native enzyme. FEBS Journal, 1993, 213, 1055-1066.	0.2	181
79	Synergistic activation of SAPK1/JNK1 by two MAP kinase kinases in vitro. Current Biology, 1998, 8, 1387-1391.	1.8	180
80	Glycogen Synthase from Rabbit Skeletal Muscle. FEBS Journal, 1980, 107, 529-537.	0.2	179
81	The discovery of glycogenin and the priming mechanism for glycogen biogenesis. FEBS Journal, 1991, 200, 625-631.	0.2	178
82	Reconstitution of a Mg-ATP-dependent protein phosphatase and its activation through a phosphorylation mechanism. FEBS Letters, 1982, 150, 319-324.	1.3	176
83	MSK1 is required for CREB phosphorylation in response to mitogens in mouse embryonic stem cells. FEBS Letters, 2000, 482, 44-48.	1.3	175
84	Separation and Characterisation of Glycogen Synthase Kinase 3,Glycogen Synthase Kinase 4 and Glycogen Synthase Kinase 5 from Rabbit Skeletal Muscle. FEBS Journal, 1982, 124, 21-35.	0.2	172
85	Synergistic activation of stress-activated protein kinase 1/c-Jun N-terminal kinase (SAPK1/JNK) isoforms by mitogen-activated protein kinase kinase 4 (MKK4) and MKK7. Biochemical Journal, 2000, 352, 145-154.	1.7	171
86	Molecular mechanisms involved in the regulation of cytokine production by muramyl dipeptide. Biochemical Journal, 2007, 404, 179-190.	1.7	171
87	Phosphorylation of the Typeâ€II Regulatory Subunit of Cyclicâ€AMPâ€Dependent Protein Kinase by Glycogen Synthase Kinase 3 and Glycogen Synthase Kinase 5. FEBS Journal, 1982, 127, 473-481.	0.2	169
88	The anti-inflammatory drug BAY 11-7082 suppresses the MyD88-dependent signalling network by targeting the ubiquitin system. Biochemical Journal, 2013, 451, 427-437.	1.7	167
89	Multisite phosphorylation of glycogen synthase from rabbit skeletal muscle. FEBS Letters, 1982, 150, 191-196.	1.3	165
90	Phosphorylation and activation of human tyrosine hydroxylase in vitro by mitogen-activated protein (MAP) kinase and MAP-kinase-activated kinases 1 and 2. FEBS Journal, 1993, 217, 715-722.	0.2	164

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91	The protein phosphatases involved in cellular regulation. 2. Purification, subunit structure and properties of protein phosphatases-2Ao, 2A1, and 2A2 from rabbit skeletal muscle. FEBS Journal, 1985, 148, 253-263.	0.2	162
92	Comparative properties of glycogen phosphorylase. VIII. Phosphorylase from dogfish skeletal muscle. Purification and a comparison of its physical properties to those of rabbit muscle phosphorylase. Biochemistry, 1971, 10, 2683-2694.	1.2	159
93	[29] Assay and expression of mitogen-activated protein kinase, MAP kinase kinase, and Raf. Methods in Enzymology, 1995, 255, 279-290.	0.4	155
94	The Role of Calcium Ions, Calmodulin and Troponin in the Regulation of Phosphorylase Kinase from Rabbit Skeletal Muscle. FEBS Journal, 1980, 111, 563-574.	0.2	154
95	Characterisation of a Reconstituted Mg-ATP-Dependent Protein Phosphatase. FEBS Journal, 1983, 133, 455-461.	0.2	154
96	The catalytic subunits of protein phosphatase-1 and protein phosphatase 2A are distinct gene products. FEBS Journal, 1984, 138, 635-641.	0.2	154
97	Polyubiquitin Binding to Optineurin Is Required for Optimal Activation of TANK-binding Kinase 1 and Production of Interferon Î². Journal of Biological Chemistry, 2011, 286, 35663-35674.	1.6	152
98	The structure of the B subunit of calcineurin. FEBS Journal, 1984, 139, 663-671.	0.2	151
99			

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109	The Regulation of Glycogen Metabolism. Purification and Properties of Protein Phosphatase Inhibitor-2 from Rabbit Skeletal Muscle. FEBS Journal, 1980, 105, 195-203.	0.2	142
110	Identification of insulin-stimulated protein kinase-1 as the rabbit equivalent of rskmo-2. Identification of two threonines phosphorylated during activation by mitogen-activated protein kinase. FEBS Journal, 1993, 212, 581-588.	0.2	141
111	The Croonian Lecture 1998. Identification of a protein kinase cascade of major importance in insulin signal transduction. Philosophical Transactions of the Royal Society B: Biological Sciences, 1999, 354, 485-495.	1.8	141
112	Isolation and sequence analysis of a cDNA clone encoding a type-1 protein phosphatase catalytic subunit: Homology with protein phosphatase 2A. FEBS Letters, 1987, 223, 340-346.	1.3	132
113	The TLR and IL-1 signalling network at a glance. Journal of Cell Science, 2014, 127, 2383-90.	1.2	132
114	Glycogen Synthase from Rabbit Skeletal Muscle. State of Phosphorylation of the Seven Phosphoserine Residues in vivo in the Presence and Absence of Adrenaline. FEBS Journal, 1982, 124, 47-55.	0.2	131
115	A multifunctional calmodulin-dependent protein kinase. FEBS Letters, 1983, 163, 329-334.	1.3	129
116	The Hormonal Control of Glycogen Metabolism. Phosphorylation of Protein Phosphatase Inhibitor-1 in vivo in Response to Adrenaline. FEBS Journal, 1979, 97, 251-256.	0.2	127
117	A comparison of the substrate specificity of MAPKAP kinase-2 and MAPKAP kinase-3 and their activation by cytokines and cellular stress. FEBS Letters, 1996, 392, 209-214.	1.3	126
118	The Amino Acid Sequence of the delta Subunit (Calmodulin) of Rabbit Skeletal Muscle Phosphorylase Kinase. FEBS Journal, 1981, 113, 359-367.	0.2	125
119	Glycogenin is the priming glucosyltransferase required for the initiation of glycogen biogenesis in rabbit skeletal muscle. FEBS Journal, 1988, 176, 391-395.	0.2	124
120	TPL2-mediated activation of ERK1 and ERK2 regulates the processing of pre-TNFÎ± in LPS-stimulated macrophages. Journal of Cell Science, 2008, 121, 149-154.	1.2	124
121	Remarkable similarities between yeast and mammalian protein phosphatases. FEBS Letters, 1989, 250, 601-606.	1.3	122
122	The Rigulation of Glycogen Metabolism. Phosphorylation of Inhibitor-1 from Rabbit Skeletal Muscle, and Its Interaction with Protein Phosphatases-III and -II. FEBS Journal, 1978, 87, 353-365.	0.2	120
123	Purification and characterisation of the insulin-stimulated protein kinase from rabbit skeletal muscle; close similarity to S6 kinase II. FEBS Journal, 1991, 199, 723-728.	0.2	120
124	Multisite Phosphorylation of Glycogen Synthase from Rabbit Skeletal Muscle. Organisation of the Seven Sites in the Polypeptide Chain. FEBS Journal, 1982, 124, 37-45.	0.2	119
125	Molecular cloning of cDNA encoding the 110 kDa and 21 kDa regulatory subunits of smooth muscle protein phosphatase 1M. FEBS Letters, 1994, 356, 51-55.	1.3	119
126	Interleukin-1 (IL-1) Induces the Lys63-Linked Polyubiquitination of IL-1 Receptor-Associated Kinase 1 To Facilitate NEMO Binding and the Activation of IÎºBÎ± Kinase. Molecular and Cellular Biology, 2008, 28, 1783-1791.	1.1	119

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127	Regulation of protein phosphatase-1G from rabbit/skeletal muscle. 1. Phosphorylation by cAMP-dependent protein kinase at site 2 releases catalytic subunit from the glycogen-bound holoenzyme. FEBS Journal, 1989, 186, 701-709.	0.2	118
128	Cellular Stresses and Cytokines Activate Multiple Mitogen-Activated-Protein Kinase Kinase Homologues in PC12 and KB Cells. FEBS Journal, 1996, 236, 796-805.	0.2	116
129	The Phosphorylation of Rabbit Skeletal Muscle Glycogen Synthase by Glycogen Synthase Kinase-2 and Adenosine-3': 5'-Monophosphate-Dependent Protein Kinase. FEBS Journal, 1976, 68, 31-44.	0.2	114
130	Comparison of the specificities of p70 S6 kinase and MAPKAP kinase-1 identifies a relatively specific substrate for p70 S6 kinase: the N-terminal kinase domain of MAPKAP kinase-1 is essential for peptide phosphorylation. FEBS Letters, 1995, 375, 289-293.	1.3	114
131	The TRAF-associated protein TANK facilitates cross-talk within the IÎºB kinase family during Toll-like receptor signaling. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17093-17098.	3.3	112
132	Separation of Two Phosphorylase Kinase Phosphatases from Rabbit Skeletal Muscle. FEBS Journal, 1976, 68, 45-54.	0.2	111
133	Phosphorylase Kinase from Rabbit Skeletal Muscle Identification of the Calmodulin-Binding Subunits. FEBS Journal, 1980, 111, 553-561.	0.2	111
134	Identification of the 38-kDa subunit of rabbit skeletal muscle glycogen synthase as glycogenin. FEBS Journal, 1987, 169, 497-502.	0.2	110
135	Evidence for communication between nerve growth factor and protein tyrosine phosphorylation. FEBS Letters, 1990, 271, 119-122.	1.3	110
136	Amino acid sequences at the two sites on glycogen synthetase phosphorylated by cyclic AMP-dependent protein kinase and their dephosphorylation by protein phosphatase-III. FEBS Letters, 1977, 80, 435-442.	1.3	108
137	Glycogen synthetase kinase 2 (GSK 2); The identification of a new protein kinase in skeletal muscle. FEBS Letters, 1974, 47, 162-166.	1.3	107
138	The Hormonal Control of Activity of Skeletal Muscle Phosphorylase Kinase. Phosphorylation of the Enzyme at Two Sites in vivo in Response to Adrenalin. FEBS Journal, 1975, 51, 93-104.	0.2	107
139	Optimising methods for the preservation, capture and identification of ubiquitin chains and ubiquitylated proteins by immunoblotting. Biochemical and Biophysical Research Communications, 2015, 466, 1-14.	1.0	107
140	Analysis of the in vivo phosphorylation state of rabbit skeletal muscle glycogen synthase by fast-atom-bombardment mass spectrometry. FEBS Journal, 1988, 175, 497-510.	0.2	106
141	Use of a drug-resistant mutant of stress-activated protein kinase 2a/p38 to validate the in vivo specificity of SB 203580. FEBS Letters, 1999, 451, 191-196.	1.3	106
142	The Hormonal Control of Activity of Skeletal Muscle Phosphorylase Kinase. Amino-Acid Sequences at the Two Sites of Action of Adenosine-3': 5'-Monophosphate-Dependent Protein Kinase. FEBS Journal, 1975, 51, 79-92.	0.2	105
143	The hormonal control of glycogen metabolism: The amino acid sequence at the phosphorylation site of protein phosphatase inhibitor-1. FEBS Letters, 1977, 76, 182-186.	1.3	105
144	The protein phosphatases involved in cellular regulation. Identification of the inhibitor-2 phosphatases in rabbit skeletal muscle. FEBS Journal, 1984, 145, 65-70.	0.2	103

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145	Dissection of the Protein Phosphorylation Cascades Involved in Insulin and Growth Factor Action. Biochemical Society Transactions, 1993, 21, 555-567.	1.6	103
146	Identification of protein phosphatase 2A as the major tyrosine hydroxylase phosphatase in adrenal medulla and corpus striatum: evidence from the effects of okadaic acid. FEBS Letters, 1989, 251, 36-42.	1.3	102
147	The E3 ligase HOIL-1 catalyses ester bond formation between ubiquitin and components of the Myddosome in mammalian cells. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13293-13298.	3.3	102
148	The protein phosphatases involved in cellular regulation. Primary structure of inhibitor-2 from rabbit skeletal muscle. FEBS Journal, 1986, 155, 173-182.	0.2	101
149	Debranching Enzyme from Rabbit Skeletal Muscle. Purification, Properties and Physiological Role. FEBS Journal, 1975, 51, 105-115.	0.2	100
150	Regulation of protein phosphatase-1G from rabbit skeletal muscle. 2. Catalytic subunit translocation is a mechanism for reversible inhibition of activity toward glycogen-bound substrates. FEBS Journal, 1989, 186, 711-716.	0.2	99
151	PPP1R6, a novel member of the family of glycogen-targetting subunits of protein phosphatase 1. FEBS Letters, 1997, 418, 210-214.	1.3	97
152	Molecular control of the NEMO family of ubiquitin-binding proteins. Nature Reviews Molecular Cell Biology, 2013, 14, 673-685.	16.1	97
153	Effects of the inhibition of p38/RK MAP kinase on induction of five fos and jun genes by diverse stimuli. Oncogene, 1997, 15, 2321-2331.	2.6	95
154	Primary structure of the site on bovine hormone-sensitive lipase phosphorylated by cyclic AMP-dependent protein kinase. FEBS Letters, 1988, 229, 68-72.	1.3	94
155	Two different classes of E2 ubiquitin-conjugating enzymes are required for the mono-ubiquitination of proteins and elongation by polyubiquitin chains with a specific topology. Biochemical Journal, 2008, 409, 723-729.	1.7	94
156	HCK is a survival determinant transactivated by mutated MYD88, and a direct target of ibrutinib. Blood, 2016, 127, 3237-3252.	0.6	93
157	The protein phosphatases involved in cellular regulation. 1. Modulation of protein phosphatases-1 and 2 A by histone H 1, protamine, polylysine and heparin. FEBS Journal, 1985, 148, 245-251.	0.2	91
158	Phosphorylaseais an allosteric inhibitor of the glycogen and microsomal forms of rat hepatic protein phosphatase-1. FEBS Letters, 1986, 198, 194-202.	1.3	90
159	Two Phases of Inflammatory Mediator Production Defined by the Study of IRAK2 and IRAK1 Knock-in Mice. Journal of Immunology, 2013, 191, 2717-2730.	0.4	89
160	Protein kinase IKKÎ²-catalyzed phosphorylation of IRF5 at Ser462 induces its dimerization and nuclear translocation in myeloid cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17432-17437.	3.3	89
161	The role of hybrid ubiquitin chains in the MyD88 and other innate immune signalling pathways. Cell Death and Differentiation, 2017, 24, 1153-1159.	5.0	89
162	Roles of the TRAF6 and Pellino E3 ligases in MyD88 and RANKL signaling. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3481-E3489.	3.3	88

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163	The hormonal control of glycogen metabolism: dephosphorylation of protein phosphatase inhibitor-1 in vivo in response to insulin. FEBS Letters, 1980, 112, 21-24.	1.3	86
164	An unexpected twist to the activation of IKKÎ²: TAK1 primes IKKÎ² for activation by autophosphorylation. Biochemical Journal, 2014, 461, 531-537.	1.7	85
165	Purification of the hepatic glycogen-associated form of protein phosphatase-1 by microcystin-Sepharose affinity chromatography. FEBS Letters, 1995, 362, 101-105.	1.3	84
166	Role of protein kinase B and the MAP kinase cascade in mediating the EGF-dependent inhibition of glycogen synthase kinase 3 in Swiss 3T3 cells1. FEBS Letters, 1999, 461, 120-124.	1.3	83
167	The Protein Phosphatases Invloved in Cellular Regulation. 4. Classification of Two Homogeneous Myosin Light Chain Phosphatases from Smoth Muscle as Protein Phosphatase-2A1 and 2C, and a Homogeneous Protein Phosphatase from Reticulocytes Active on Protein Synthesis Initiation Factor eIF-2 as Protein Phosphatase-2A2. FEBS Journal, 1983, 132, 283-287.	0.2	82
168	Identification of the Regions on the M110 Subunit of Protein Phosphatase 1M That Interact with the M21 Subunit and with Myosin. FEBS Journal, 1997, 244, 931-939.	0.2	82
169	The control of phosphorylase kinase phosphatase by â€œsecond site phosphorylationâ€; A new form of enzyme regulation. FEBS Letters, 1973, 34, 43-47.	1.3	81
170	The protein phosphatases involved in cellular regulation. Comparison of native and reconstituted Mg-ATP-dependent protein phosphatases from rabbit skeletal muscle. FEBS Journal, 1984, 145, 57-64.	0.2	81
171	The protein kinasemosactivates MAP kinase kinase in vitro and stimulates the MAP kinase pathway in mammalian somatic cells in vivo. FEBS Letters, 1993, 333, 183-187.	1.3	81
172	Activation of phosphorylase kinase from rabbit skeletal muscle by calmodulin and troponin. FEBS Letters, 1979, 104, 25-30.	1.3	80
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