

Mathieu Bollen

List of Publications by Year in descending order

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164
papers

12,540
citations

31902

53
h-index

28224

105
g-index

170
all docs

170
docs citations

170
times ranked

13165
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein phosphatase 1: life-course regulation by SDS22 and Inhibitor-3. FEBS Journal, 2022, 289, 3072-3085.	2.2	9
2	Towards Dissecting the Mechanism of Protein Phosphatase-1 Inhibition by Its C-Terminal Phosphorylation. ChemBioChem, 2021, 22, 834-838.	1.3	11
3	Protein phosphatase 1 regulates atypical mitotic and meiotic division in Plasmodium sexual stages. Communications Biology, 2021, 4, 760.	2.0	17
4	Intracellular delivery of protein drugs with an autonomously lysing bacterial system reduces tumor growth and metastases. Nature Communications, 2021, 12, 6116.	5.8	63
5	RepoMan stimulates the chromosome-dependent pathway of microtubule assembly. Cell Cycle, 2020, 19, 3029-3041.	1.3	1
6	De Novo Variants in LMNB1 Cause Pronounced Syndromic Microcephaly and Disruption of Nuclear Envelope Integrity. American Journal of Human Genetics, 2020, 107, 753-762.	2.6	30
7	Co-regulation of the antagonistic RepoMan:Aurora-B pair in proliferating cells. Molecular Biology of the Cell, 2020, 31, 419-438.	0.9	9
8	Enhanced DNA-repair capacity and resistance to chemically induced carcinogenesis upon deletion of the phosphatase regulator NIPPI1. Oncogenesis, 2020, 9, 30.	2.1	8
9	Phosphatase Regulator NIPPI1 Restrains Chemokine-Driven Skin Inflammation. Journal of Investigative Dermatology, 2020, 140, 1576-1588.	0.3	7
10	Protein phosphatase-1: dual activity regulation by Inhibitor-2. Biochemical Society Transactions, 2020, 48, 2229-2240.	1.6	7
11	Functions and therapeutic potential of protein phosphatase 1: Insights from mouse genetics. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 16-30.	1.9	29
12	The antibiotic robenidine exhibits guanabenz-like cytoprotective properties by a mechanism independent of protein phosphatase PP1:PPP1R15A. Journal of Biological Chemistry, 2019, 294, 13478-13486.	1.6	8
13	Structure-Guided Exploration of SDS22 Interactions with Protein Phosphatase PP1 and the Splicing Factor BCLAF1. Structure, 2019, 27, 507-518.e5.	1.6	16
14	Coordination of Timers and Sensors in Cell Signaling. BioEssays, 2019, 41, e1800217.	1.2	8
15	A Sephin1-insensitive tripartite holophosphatase dephosphorylates translation initiation factor 2±. Journal of Biological Chemistry, 2018, 293, 7766-7776.	1.6	42
16	Adeno-associated virus Rep proteins antagonize phosphatase PP1 to counteract KAP1 repression of the latent viral genome. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3529-E3538.	3.3	16
17	ENPP1 Mutation Causes Recessive Cole Disease by Altering Melanogenesis. Journal of Investigative Dermatology, 2018, 138, 291-300.	0.3	23
18	The Importance of Kinase-Phosphatase Integration: Lessons from Mitosis. Trends in Cell Biology, 2018, 28, 6-21.	3.6	85

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19	The deletion of the protein phosphatase 1 regulator NIPP1 in testis causes hyperphosphorylation and degradation of the histone methyltransferase EZH2. <i>Journal of Biological Chemistry</i> , 2018, 293, 18031-18039.	1.6	14
20	Ubiquitin-Independent Disassembly by a p97 AAA-ATPase Complex Drives PP1 Holoenzyme Formation. <i>Molecular Cell</i> , 2018, 72, 766-777.e6.	4.5	62
21	A substrate-trapping strategy for protein phosphatase PP1 holoenzymes using hypoactive subunit fusions. <i>Journal of Biological Chemistry</i> , 2018, 293, 15152-15162.	1.6	36
22	KNL1 Binding to PP1 and Microtubules Is Mutually Exclusive. <i>Structure</i> , 2018, 26, 1327-1336.e4.	1.6	44
23	Overexpression of PP1-NIPP1 limits the repair capacity of DNA double-strand breaks. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	17
24	Biogenesis and activity regulation of protein phosphatase 1. <i>Biochemical Society Transactions</i> , 2017, 45, 89-99.	1.6	78
25	Split-BioID: a proximity biotinylation assay for dimerization-dependent protein interactions. <i>FEBS Letters</i> , 2017, 591, 415-424.	1.3	79
26	The protein phosphatase 1 regulator NIPP1 is essential for mammalian spermatogenesis. <i>Scientific Reports</i> , 2017, 7, 13364.	1.6	16
27	An Attachment-Independent Biochemical Timer of the Spindle Assembly Checkpoint. <i>Molecular Cell</i> , 2017, 68, 715-730.e5.	4.5	62
28	Brief Report: The Deletion of the Phosphatase Regulator NIPP1 Causes Progenitor Cell Expansion in the Adult Liver. <i>Stem Cells</i> , 2016, 34, 2256-2262.	1.4	10
29	Expanding the PP2A Interactome by Defining a B56-Specific SLiM. <i>Structure</i> , 2016, 24, 2174-2181.	1.6	117
30	The transcription factor ERG recruits CCR4-NOT to control mRNA decay and mitotic progression. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 663-672.	3.6	35
31	Restricted Location of PSEN2/β-Secretase Determines Substrate Specificity and Generates an Intracellular Aβ ² Pool. <i>Cell</i> , 2016, 166, 193-208.	13.5	260
32	Post-translational Control of the Temporal Dynamics of Transcription Factor Activity Regulates Neurogenesis. <i>Cell</i> , 2016, 164, 460-475.	13.5	58
33	The Ki-67 and RepoMan mitotic phosphatases assemble via an identical, yet novel mechanism. <i>ELife</i> , 2016, 5, .	2.8	50
34	MELK-T1, a small-molecule inhibitor of protein kinase MELK, decreases DNA-damage tolerance in proliferating cancer cells. <i>Bioscience Reports</i> , 2015, 35, .	1.1	59
35	Protein phosphatase PP1-NIPP1 activates mesenchymal genes in HeLa cells. <i>FEBS Letters</i> , 2015, 589, 1314-1321.	1.3	14
36	Genome-wide promoter binding profiling of protein phosphatase-1 and its major nuclear targeting subunits. <i>Nucleic Acids Research</i> , 2015, 43, 5771-5784.	6.5	19

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37	The selective inhibition of protein phosphatase-1 results in mitotic catastrophe and impaired tumor growth. <i>Journal of Cell Science</i> , 2015, 128, 4526-37.	1.2	29
38	Cdk1 orders mitotic events through coordination of a chromosome-associated phosphatase switch. <i>Nature Communications</i> , 2015, 6, 10215.	5.8	58
39	Metals in the active site of native protein phosphatase-1. <i>Journal of Inorganic Biochemistry</i> , 2015, 149, 1-5.	1.5	26
40	It takes three to find the exit. <i>Nature</i> , 2015, 517, 29-30.	13.7	4
41	DNA Methylation-Guided Prediction of Clinical Failure in High-Risk Prostate Cancer. <i>PLoS ONE</i> , 2015, 10, e0130651.	1.1	30
42	Inhibitor β ensures bipolar mitotic spindle attachment by limiting association of SDS^{22} with kinetochore-bound protein phosphatase α 1. <i>EMBO Journal</i> , 2014, 33, 2704-2720.	3.5	33
43	Methylation of PITX2, HOXD3, RASSF1 and TDRD1 predicts biochemical recurrence in high-risk prostate cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014, 140, 1849-1861.	1.2	31
44	Kinetochore Signalling: The KISS that MELTs Knl1. <i>Current Biology</i> , 2014, 24, R68-R70.	1.8	3
45	The PP1 binding code: a molecular "lego" strategy that governs specificity. <i>FEBS Journal</i> , 2013, 280, 584-595.	2.2	270
46	Chemical Activators of Protein Phosphatase-1 Induce Calcium Release inside Intact Cells. <i>Chemistry and Biology</i> , 2013, 20, 1179-1186.	6.2	17
47	Maternal Embryonic Leucine Zipper Kinase (MELK) Reduces Replication Stress in Glioblastoma Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 24200-24212.	1.6	35
48	4D-networking by mitotic phosphatases. <i>Current Opinion in Cell Biology</i> , 2013, 25, 697-703.	2.6	30
49	Aurora B Defines Its Own Chromosomal Targeting by Opposing the Recruitment of the Phosphatase Scaffold Repo-Man. <i>Current Biology</i> , 2013, 23, 1136-1143.	1.8	72
50	Challenges and Opportunities in the Development of Protein Phosphatase-Directed Therapeutics. <i>ACS Chemical Biology</i> , 2013, 8, 36-45.	1.6	94
51	NIPP1 maintains EZH2 phosphorylation and promoter occupancy at proliferation-related target genes. <i>Nucleic Acids Research</i> , 2013, 41, 842-854.	6.5	42
52	C6 pyridinium ceramide influences alternative pre-mRNA splicing by inhibiting protein phosphatase-1. <i>Nucleic Acids Research</i> , 2012, 40, 4025-4039.	6.5	22
53	Structure of NPP1, an Ectonucleotide Pyrophosphatase/Phosphodiesterase Involved in Tissue Calcification. <i>Structure</i> , 2012, 20, 1948-1959.	1.6	75
54	The Molecular Basis for Substrate Specificity of the Nuclear NIPP1:PP1 Holoenzyme. <i>Structure</i> , 2012, 20, 1746-1756.	1.6	70

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55	Glucose-dependent regulation of AMP-activated protein kinase in MIN6 beta cells is not affected by the protein kinase A pathway. <i>FEBS Letters</i> , 2012, 586, 4241-4247.	1.3	10
56	Development of a Peptide that Selectively Activates Protein Phosphatase-1 in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10054-10059.	7.2	64
57	A Role for PP1/NIPP1 in Steering Migration of Human Cancer Cells. <i>PLoS ONE</i> , 2012, 7, e40769.	1.1	25
58	Structural basis of substrate discrimination and integrin binding by autotaxin. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 198-204.	3.6	247
59	PP1/Repo-Man Dephosphorylates Mitotic Histone H3 at T3 and Regulates Chromosomal Aurora B Targeting. <i>Current Biology</i> , 2011, 21, 766-773.	1.8	173
60	Spindle Checkpoint Silencing: PP1 Tips the Balance. <i>Current Biology</i> , 2011, 21, R898-R903.	1.8	50
61	Synthesis and Characterization of Pseudocantharidins, Novel Phosphatase Modulators That Promote the Inclusion of Exon 7 into the SMN (Survival of Motoneuron) pre-mRNA*. <i>Journal of Biological Chemistry</i> , 2011, 286, 10126-10136.	1.6	26
62	Expression of a Protein Phosphatase 1 Inhibitor, cdNIPP1, Increases CDK9 Threonine 186 Phosphorylation and Inhibits HIV-1 Transcription. <i>Journal of Biological Chemistry</i> , 2011, 286, 3798-3804.	1.6	43
63	Growth inhibition properties of the putative prostate cancer biomarkers PSP94 and CRISP-3. <i>Asian Journal of Andrology</i> , 2011, 13, 205-206.	0.8	3
64	Protein Phosphatase-1 Activates CDK9 by Dephosphorylating Ser175. <i>PLoS ONE</i> , 2011, 6, e18985.	1.1	37
65	The extended PP1 toolkit: designed to create specificity. <i>Trends in Biochemical Sciences</i> , 2010, 35, 450-458.	3.7	441
66	The phosphatase interactor NIPP1 regulates the occupancy of the histone methyltransferase EZH2 at Polycomb targets. <i>Nucleic Acids Research</i> , 2010, 38, 7500-7512.	6.5	37
67	Y65C Missense Mutation in the WW Domain of the Golabi-Ito-Hall Syndrome Protein PQBP1 Affects Its Binding Activity and Deregulates Pre-mRNA Splicing. <i>Journal of Biological Chemistry</i> , 2010, 285, 19391-19401.	1.6	53
68	Cancer Cell Expression of Autotaxin Controls Bone Metastasis Formation in Mouse through Lysophosphatidic Acid-Dependent Activation of Osteoclasts. <i>PLoS ONE</i> , 2010, 5, e9741.	1.1	101
69	The PP1-6 protein phosphatase holoenzyme is involved in the glucose-induced dephosphorylation and inactivation of AMP-activated protein kinase, a key regulator of insulin secretion, in MIN6 β cells. <i>FASEB Journal</i> , 2010, 24, 5080-5091.	0.2	17
70	Protein Phosphatase 1 Regulates the Histone Code for Long-Term Memory. <i>Journal of Neuroscience</i> , 2009, 29, 13079-13089.	1.7	189
71	Domain Interplay Mediated by an Essential Disulfide Linkage Is Critical for the Activity and Secretion of the Metastasis-promoting Enzyme Autotaxin. <i>Journal of Biological Chemistry</i> , 2009, 284, 14296-14302.	1.6	27
72	Structure and Function of the Two Tandem WW Domains of the Pre-mRNA Splicing Factor FBP21 (Formin-binding Protein 21). <i>Journal of Biological Chemistry</i> , 2009, 284, 25375-25387.	1.6	42

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73	Mitotic phosphatases: from entry guards to exit guides. <i>Trends in Cell Biology</i> , 2009, 19, 531-541.	3.6	129
74	Docking Motif-Guided Mapping of the Interactome of Protein Phosphatase-1. <i>Chemistry and Biology</i> , 2009, 16, 365-371.	6.2	297
75	Rapid clearance of the circulating metastatic factor autotaxin by the scavenger receptors of liver sinusoidal endothelial cells. <i>Cancer Letters</i> , 2009, 284, 216-221.	3.2	86
76	Testing for recombinant erythropoietin. <i>American Journal of Hematology</i> , 2008, 83, 237-241.	2.0	45
77	On the detection of newer Epo forms in serum and urine using isoelectric focusing. <i>American Journal of Hematology</i> , 2008, 83, 754-755.	2.0	4
78	Nature of the nuclear inclusions formed by PQBP1, a protein linked to neurodegenerative polyglutamine diseases. <i>European Journal of Cell Biology</i> , 2008, 87, 817-829.	1.6	7
79	Nuclear Inhibitor of Protein Phosphatase-1 (NIPPI) Directs Protein Phosphatase-1 (PP1) to Dephosphorylate the U2 Small Nuclear Ribonucleoprotein Particle (snRNP) Component, Spliceosome-associated Protein 155 (Sap155). <i>Journal of Biological Chemistry</i> , 2008, 283, 35805-35814.	1.6	46
80	Protein phosphatase 1 binds to the RNA recognition motif of several splicing factors and regulates alternative pre-mRNA processing. <i>Human Molecular Genetics</i> , 2008, 17, 52-70.	1.4	76
81	YPI1 and SDS22 Proteins Regulate the Nuclear Localization and Function of Yeast Type 1 Phosphatase Glc7. <i>Journal of Biological Chemistry</i> , 2007, 282, 3282-3292.	1.6	50
82	An Essential Oligomannosidic Glycan Chain in the Catalytic Domain of Autotaxin, a Secreted Lysophospholipase-D. <i>Journal of Biological Chemistry</i> , 2007, 282, 11084-11091.	1.6	43
83	A Complex of Catalytically Inactive Protein Phosphatase-1 Sandwiched between Sds22 and Inhibitor-3. <i>Biochemistry</i> , 2007, 46, 8909-8919.	1.2	59
84	The transcriptional repression by NIPPI is mediated by Polycomb group proteins. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2007, 1769, 541-545.	2.4	13
85	False-positive detection of recombinant human erythropoietin in urine following strenuous physical exercise. <i>Blood</i> , 2006, 107, 4711-4713.	0.6	52
86	The Polycomb group protein EZH2 directly controls DNA methylation. <i>Nature</i> , 2006, 439, 871-874.	13.7	1,964
87	A Tighter RVxF Motif Makes a Finer Sift. <i>Chemistry and Biology</i> , 2006, 13, 6-8.	6.2	9
88	Modulation of purinergic signaling by NPP-type ectophosphodiesterases. <i>Purinergic Signalling</i> , 2006, 2, 361-370.	1.1	130
89	Approaches to defining the ancestral eukaryotic protein complexome. <i>BioEssays</i> , 2006, 28, 316-324.	1.2	7
90	Regulation of protein phosphatase 1 ^h activity in hypoxia through increased interaction with NIPPI: Implications for cellular metabolism. <i>Journal of Cellular Physiology</i> , 2006, 209, 211-218.	2.0	20

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91	A novel glycogen-targeting subunit of protein phosphatase 1 that is regulated by insulin and shows differential tissue distribution in humans and rodents. <i>FEBS Journal</i> , 2005, 272, 1478-1489.	2.2	64
92	NPP-type ectophosphodiesterases: unity in diversity. <i>Trends in Biochemical Sciences</i> , 2005, 30, 542-550.	3.7	328
93	Characterization of the Condensin Component Cnap1 and Protein Kinase Melk as Novel E2F Target Genes Down-regulated by 1,25-Dihydroxyvitamin D3. <i>Journal of Biological Chemistry</i> , 2005, 280, 37319-37330.	1.6	43
94	Proteolytic maturation and activation of autotaxin (NPP2), a secreted metastasis-enhancing lysophospholipase D. <i>Journal of Cell Science</i> , 2005, 118, 3081-3089.	1.2	124
95	Nuclear Targeting of Protein Phosphatase-1 by HIV-1 Tat Protein. <i>Journal of Biological Chemistry</i> , 2005, 280, 36364-36371.	1.6	55
96	Substrate Specificity and Activity Regulation of Protein Kinase MELK. <i>Journal of Biological Chemistry</i> , 2005, 280, 40003-40011.	1.6	86
97	Nucleocytoplasmic Shuttling of the Splicing Factor SIPP1. <i>Journal of Biological Chemistry</i> , 2005, 280, 38862-38869.	1.6	40
98	Determinants of the nucleolar targeting of protein phosphatase-1. <i>FEBS Letters</i> , 2005, 579, 5626-5630.	1.3	18
99	The Nuclear Scaffold Protein NIPP1 Is Essential for Early Embryonic Development and Cell Proliferation. <i>Molecular and Cellular Biology</i> , 2004, 24, 5863-5874.	1.1	30
100	Interactor-mediated Nuclear Translocation and Retention of Protein Phosphatase-1. <i>Journal of Biological Chemistry</i> , 2004, 279, 55978-55984.	1.6	56
101	SIPP1, a novel pre-mRNA splicing factor and interactor of protein phosphatase-1. <i>Biochemical Journal</i> , 2004, 378, 229-238.	1.7	48
102	Inhibition of Spliceosome Assembly by the Cell Cycle-regulated Protein Kinase MELK and Involvement of Splicing Factor NIPP1. <i>Journal of Biological Chemistry</i> , 2004, 279, 8642-8647.	1.6	83
103	Functional Diversity of Protein Phosphatase-1, a Cellular Economizer and Reset Button. <i>Physiological Reviews</i> , 2004, 84, 1-39.	13.1	596
104	The hydrolysis of lysophospholipids and nucleotides by autotaxin (NPP2) involves a single catalytic site. <i>FEBS Letters</i> , 2003, 538, 60-64.	1.3	102
105	AKAP149 is a novel PP1 specifier required to maintain nuclear envelope integrity in G1 phase. <i>Journal of Cell Science</i> , 2003, 116, 2237-2246.	1.2	56
106	Nuclear Protein Phosphatase-1 Regulates HIV-1 Transcription. <i>Journal of Biological Chemistry</i> , 2003, 278, 32189-32194.	1.6	49
107	The Protein Phosphatase-1 (PP1) Regulator, Nuclear Inhibitor of PP1 (NIPP1), Interacts with the Polycomb Group Protein, Embryonic Ectoderm Development (EED), and Functions as a Transcriptional Repressor. <i>Journal of Biological Chemistry</i> , 2003, 278, 30677-30685.	1.6	34
108	Degeneracy and Function of the Ubiquitous RVXF Motif That Mediates Binding to Protein Phosphatase-1. <i>Journal of Biological Chemistry</i> , 2003, 278, 18817-18823.	1.6	181

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109	Validation of Interactions with Protein Phosphatase-1. <i>Methods in Enzymology</i> , 2003, 366, 144-156.	0.4	5
110	The Protein Phosphatase-1 Regulator NIPP1 Is Also a Splicing Factor Involved in a Late Step of Spliceosome Assembly. <i>Journal of Biological Chemistry</i> , 2002, 277, 19855-19860.	1.6	44
111	Protein Phosphatase-1 Dephosphorylates the C-terminal Domain of RNA Polymerase-II. <i>Journal of Biological Chemistry</i> , 2002, 277, 40442-40448.	1.6	57
112	Binding of the Concave Surface of the Sds22 Superhelix to the $\hat{1}\pm 4/\hat{1}\pm 5/\hat{1}\pm 6$ -Triangle of Protein Phosphatase-1. <i>Journal of Biological Chemistry</i> , 2002, 277, 47331-47337.	1.6	66
113	Sperm PP1 $\hat{1}\pm 32$ Is Regulated by a Homologue of the Yeast Protein Phosphatase Binding Protein sds221. <i>Biology of Reproduction</i> , 2002, 67, 1936-1942.	1.2	47
114	Functional interaction between nuclear inhibitor of protein phosphatase type 1 (NIPP1) and protein phosphatase type 1 (PP1) in <i>Drosophila</i> : consequences of over-expression of NIPP1 in flies and suppression by co-expression of PP1. <i>Biochemical Journal</i> , 2002, 368, 789-797.	1.7	31
115	Phosphorylation-dependent Interaction between the Splicing Factors SAP155 and NIPP1. <i>Journal of Biological Chemistry</i> , 2002, 277, 31834-31841.	1.6	61
116	Signaling by protein phosphatases in the nucleus. <i>Trends in Cell Biology</i> , 2002, 12, 138-145.	3.6	108
117	Regulator-driven functional diversification of protein phosphatase-1 in eukaryotic evolution. <i>BioEssays</i> , 2002, 24, 371-381.	1.2	142
118	Combinatorial control of protein phosphatase-1. <i>Trends in Biochemical Sciences</i> , 2001, 26, 426-431.	3.7	282
119	Structural and Catalytic Similarities between Nucleotide Pyrophosphatases/Phosphodiesterases and Alkaline Phosphatases. <i>Journal of Biological Chemistry</i> , 2001, 276, 1361-1368.	1.6	150
120	NIPP1-mediated Interaction of Protein Phosphatase-1 with CDC5L, a Regulator of Pre-mRNA Splicing and Mitotic Entry. <i>Journal of Biological Chemistry</i> , 2000, 275, 25411-25417.	1.6	98
121	Nucleotide Pyrophosphatases/Phosphodiesterases on the Move. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2000, 35, 393-432.	2.3	262
122	Myosin light chain phosphorylation-dependent modulation of volume-regulated anion channels in macrovascular endothelium. <i>FEBS Letters</i> , 2000, 466, 346-350.	1.3	39
123	The C-terminus of NIPP1 (nuclear inhibitor of protein phosphatase-1) contains a novel binding site for protein phosphatase-1 that is controlled by tyrosine phosphorylation and RNA binding. <i>Biochemical Journal</i> , 2000, 352, 651-658.	1.7	54
124	Molecular Determinants of Nuclear Protein Phosphatase-1 Regulation by NIPP-1. <i>Journal of Biological Chemistry</i> , 1999, 274, 14053-14061.	1.6	88
125	An Ecto-Nucleotide Pyrophosphatase Is One of the Main Enzymes Involved in the Extracellular Metabolism of ATP in Rat C6 Glioma. <i>Journal of Neurochemistry</i> , 1999, 72, 826-834.	2.1	94
126	Organization and alternate splice products of the gene encoding nuclear inhibitor of protein phosphatase-1 (NIPP-1). <i>FEBS Journal</i> , 1999, 261, 291-300.	0.2	10

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127	Structure and splice products of the human gene encoding sds22, a putative mitotic regulator of protein phosphatase-1. FEBS Journal, 1999, 262, 36-42.	0.2	17
128	Identification of MYPT1 and NIPP1 as subunits of protein phosphatase 1 in rat liver cytosol. FEBS Letters, 1999, 455, 175-178.	1.3	18
129	A capping domain for LRR protein interaction modules. FEBS Letters, 1999, 456, 349-351.	1.3	32
130	Growth-related expression of the ectonucleotide pyrophosphatase PC-1 in rat liver. Hepatology, 1998, 28, 1497-1503.	3.6	21
131	Molecular Cloning of a Gene on Chromosome 19q12 Coding for a Novel Intracellular Protein: Analysis of Expression in Human and Mouse Tissues and in Human Tumor Cells, Particularly Reedâ€™Sternberg Cells in Hodgkin Disease. Genomics, 1998, 54, 511-520.	1.3	9
132	The Biochemical Identification and Characterization of New Species of Protein Phosphatase 1. , 1998, 93, 145-155.		17
133	Properties and Phosphorylation Sites of Baculovirus-expressed Nuclear Inhibitor of Protein Phosphatase-1 (NIPP-1). Journal of Biological Chemistry, 1997, 272, 32972-32978.	1.6	50
134	Phosphorylation, Subcellular Localization, and Membrane Orientation of the Alzheimer's Disease-associated Presenilins. Journal of Biological Chemistry, 1997, 272, 3590-3598.	1.6	268
135	Identification of Protein Phosphatase 1 as a Mitotic Lamin Phosphatase. Journal of Biological Chemistry, 1997, 272, 29693-29697.	1.6	81
136	NIPP-1, a Nuclear Inhibitory Subunit of Protein Phosphatase-1, Has RNA-binding Properties. Journal of Biological Chemistry, 1997, 272, 22067-22071.	1.6	38
137	Substrates for Protein Kinase CK2 in Insulin Receptor Preparations from Rat Liver Membranes: Identification of a 210-kDa Protein Substrate as the Dimeric Form of Endoplasmic. Archives of Biochemistry and Biophysics, 1997, 344, 18-28.	1.4	14
138	Identification of a Novel Ca ²⁺ -Stimulated S6-Kinase in Rat Liver. Biochemical and Biophysical Research Communications, 1997, 239, 451-456.	1.0	1
139	Identification of sds22 as an inhibitory subunit of protein phosphatase-1 in rat liver nuclei. FEBS Letters, 1997, 402, 141-144.	1.3	47
140	Inhibition of Translation by mRNA Encoding NIPP-1, a Nuclear Inhibitor of Protein Phosphatase-1. FEBS Journal, 1997, 247, 411-415.	0.2	8
141	Association of Brain Protein Phosphatase 1 with Cytoskeletal Targeting/Regulatory Subunits. Journal of Neurochemistry, 1997, 69, 920-929.	2.1	49
142	Threonine Autophosphorylation and Nucleotidylation of the Hepatic Membrane Protein PC-1. FEBS Journal, 1996, 241, 338-342.	0.2	30
143	Characterization of a Ribosomal Inhibitory Polypeptide of Protein Phosphatase-1 from Rat Liver. FEBS Journal, 1996, 239, 183-189.	0.2	27
144	7-Carbon mimics of D-glucose and L-fucose: Activation by 6R-, and inactivation by 6S-, -6C-methylglucose of glycogen synthase: Inhibition of glucokinase and/or glucose-6-phosphatase. Tetrahedron Letters, 1996, 37, 7155-7158.	0.7	17

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145	Demonstration of a Glycogen/Glucose 1-Phosphate Cycle in Hepatocytes from Fasted Rats. <i>Journal of Biological Chemistry</i> , 1995, 270, 19351-19356.	1.6	55
146	Molecular Cloning of NIPP-1, a Nuclear Inhibitor of Protein Phosphatase-1, Reveals Homology with Polypeptides Involved in RNA Processing. <i>Journal of Biological Chemistry</i> , 1995, 270, 28068-28074.	1.6	101
147	Subunit Structure and Regulation of Protein Phosphatase-1 in Rat Liver Nuclei. <i>Journal of Biological Chemistry</i> , 1995, 270, 17257-17263.	1.6	95
148	Biochemical characterization of recombinant yeast PPZ1, a protein phosphatase involved in salt tolerance. <i>FEBS Letters</i> , 1995, 368, 39-44.	1.3	28
149	Molecular cloning of a human polypeptide related to yeast sds22, a regulator of protein phosphatase-1. <i>FEBS Letters</i> , 1995, 375, 75-78.	1.3	42
150	Modulation of nucleocytosolic [Ca ²⁺] gradient in smooth muscle by protein phosphorylation. <i>FASEB Journal</i> , 1994, 8, 879-883.	0.2	21
151	Native cytosolic protein phosphatase-1 (PP-1S) containing modulator (inhibitor-2) is an active enzyme. <i>FEBS Letters</i> , 1994, 344, 196-200.	1.3	19
152	Mechanism of activation of liver acetyl-CoA carboxylase by cell swelling. <i>FEBS Journal</i> , 1993, 217, 1083-1089.	0.2	41
153	Vanadate potentiates the glycogenic action of insulin-like growth factors on isolated diaphragm. <i>FEBS Letters</i> , 1992, 309, 209-212.	1.3	3
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155	Short-term hormonal control of protein phosphatases involved in hepatic glycogen metabolism. <i>Advances in Enzyme Regulation</i> , 1990, 30, 305-327.	2.9	4
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158	Substrate specificity of phosphorylase kinase: Effects of heparin and calcium. <i>Archives of Biochemistry and Biophysics</i> , 1987, 254, 437-447.	1.4	10
159	Control of glycogen synthesis in health and disease. <i>Diabetes/metabolism Reviews</i> , 1987, 3, 127-161.	0.2	115
160	Effect of phosphorylation by different protein kinases on the behaviour of glycogen synthase as a substrate for hepatic synthase phosphatases. <i>Biochemical and Biophysical Research Communications</i> , 1986, 139, 1033-1039.	1.0	6
161	An assessment of the importance of intralysosomal and of alpha-amylolytic glycogenolysis in the liver of normal rats and of rats with a glycogen-storage disease. <i>FEBS Journal</i> , 1985, 153, 621-628.	0.2	28
162	The nature of the decreased activity of glycogen synthase phosphatase in the liver of the adrenalectomized starved rat. <i>FEBS Journal</i> , 1984, 144, 57-63.	0.2	21

#	ARTICLE	IF	CITATIONS
163	On the mechanism of hepatic glycogenolysis induced by anoxia or cyanide. <i>Biochemical and Biophysical Research Communications</i> , 1983, 115, 1033-1039.	1.0	18
164	Induction of hepatic glycogen synthesis by glucocorticoids is not mediated by insulin. <i>Molecular and Cellular Endocrinology</i> , 1982, 27, 107-114.	1.6	16