Phillip J Robinson

List of Publications by Year
in descending order

225	12,730	25034	31849
papers	citations	57 h-index	101 g-index

228	228	228	14657
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynole 34-2 and Acrylo-Dyn 2-30, Novel Dynamin GTPase Chemical Biology Probes. Methods in Molecular Biology, 2022, 2417, 221-238.	0.9	0
2	Synthesis of Phthaladyn-29 and Naphthalimide-10, GTP Site Directed Dynamin GTPase Inhibitors. Methods in Molecular Biology, 2022, 2417, 239-258.	0.9	0
3	Proteomic profiling of idiopathic Parkinson's disease primary patient cells by SWATHâ€MS. Proteomics - Clinical Applications, 2022, 16, e2200015.	1.6	3
4	Pan-cancer proteomic map of 949 human cell lines. Cancer Cell, 2022, 40, 835-849.e8.	16.8	52
5	Shutting the gate: targeting endocytosis in acute leukemia. Experimental Hematology, 2021, 104, 17-31.	0.4	0
6	Pyrimidyn based dynamin inhibitors as novel cytotoxic agents. ChemMedChem, 2021, , .	3.2	1
7	High-Content Drug Discovery Screening of Endocytosis Pathways. Methods in Molecular Biology, 2021, 2233, 71-91.	0.9	5
8	Small molecule inhibition of Dynamin-dependent endocytosis targets multiple niche signals and impairs leukemia stem cells. Nature Communications, 2020, 11, 6211.	12.8	20
9	Strategies to enable large-scale proteomics for reproducible research. Nature Communications, 2020, 11, 3793.	12.8	75
10	Endocytosis Inhibition in Humans to Improve Responses to ADCC-Mediating Antibodies. Cell, 2020, 180, 895-914.e27.	28.9	127
11	A Direct Fluorescent Activity Assay for Glycosyltransferases Enables Convenient Highâ€Throughput Screening: Application to Oâ€GlcNAc Transferase. Angewandte Chemie - International Edition, 2020, 59, 9601-9609.	13.8	19
12	A Direct Fluorescent Activity Assay for Glycosyltransferases Enables Convenient Highâ€Throughput Screening: Application to O â€GlcNAc Transferase. Angewandte Chemie, 2020, 132, 9688-9696.	2.0	8
13	Accelerated Barocycler Lysis and Extraction Sample Preparation for Clinical Proteomics by Mass Spectrometry. Journal of Proteome Research, 2019, 18, 399-405.	3.7	14
14	Addressing the Challenges of Highâ€Throughput Cancer Tissue Proteomics for Clinical Application: ProCan. Proteomics, 2019, 19, e1900109.	2.2	25
15	Barocycler-Based Concurrent Multiomics Method To Assess Molecular Changes Associated with Atherosclerosis Using Small Amounts of Arterial Tissue from a Single Mouse. Analytical Chemistry, 2019, 91, 12670-12679.	6.5	8
16	The interaction of assembly protein AP180 and clathrin is inhibited by multi-site phospho-mimetics. Neurochemistry International, 2019, 129, 104474.	3.8	1
17	The temporal profile of activity-dependent presynaptic phospho-signalling reveals long-lasting patterns of poststimulus regulation. PLoS Biology, 2019, 17, e3000170.	5.6	29
18	Targeting Glioma Stem Cells by Functional Inhibition of Dynamin 2: A Novel Treatment Strategy for Glioblastoma. Cancer Investigation, 2019, 37, 144-155.	1.3	17

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19	A Case Study and Methodology for OpenSWATH Parameter Optimization Using the ProCan90 Data Set and 45â€¯810 Computational Analysis Runs. Journal of Proteome Research, 2019, 18, 1019-1031.	3.7	7
20	Affinity Proteomics for Interactome and Phosphoproteome Screening in Synaptosomes. Neuromethods, 2018, , 165-191.	0.3	0
21	Synaptosome Preparations: Which Procedure Should I Use?. Neuromethods, 2018, , 27-53.	0.3	6
22	Preparation of P2 or Percoll-Purified Synaptosomes from Mammalian Brain Tissue. Neuromethods, 2018, , 85-105.	0.3	0
23	Loss of Dynamin 2 <scp>GTP</scp>ase function results in microcytic anaemia. British Journal of Haematology, 2017, 178, 616-628.	2.5	7
24	Neurokinin 1 receptor signaling in endosomes mediates sustained nociception and is a viable therapeutic target for prolonged pain relief. Science Translational Medicine, 2017, 9, .	12.4	158
25	<scp>HIV</scp> infection is influenced by dynamin at 3 independent points in the viral life cycle. Traffic, 2017, 18, 392-410.	2.7	18
26	Pyrimidine-Based Inhibitors of Dynamin I GTPase Activity: Competitive Inhibition at the Pleckstrin Homology Domain. Journal of Medicinal Chemistry, 2017, 60, 349-361.	6.4	18
27	FD5180, a Novel Protein Kinase Affinity Probe, and the Effect of Bead Loading on Protein Kinase Identification. ACS Omega, 2017, 2, 3828-3838.	3.5	7
28	The Impact of Commonly Used Alkylating Agents on Artifactual Peptide Modification. Journal of Proteome Research, 2017, 16, 3443-3447.	3.7	33
29	Dynamin regulates the fusion pore of endo- and exocytotic vesicles as revealed by membrane capacitance measurements. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 2293-2303.	2.4	22
30	The Clathrin-dependent Spindle Proteome. Molecular and Cellular Proteomics, 2016, 15, 2537-2553.	3.8	11
31	Membrane fission by dynamin: what we know and what we need to know. EMBO Journal, 2016, 35, 2270-2284.	7.8	388
32	Loss-of-function mutations of Dynamin 2 promote T-ALL by enhancing IL-7 signalling. Leukemia, 2016, 30, 1993-2001.	7.2	52
33	The story of cystic fibrosis 1965â€“2015. Journal of Paediatrics and Child Health, 2016, 52, 991-994.	0.8	4
34	Dynamin 2 is essential for mammalian spermatogenesis. Scientific Reports, 2016, 6, 35084.	3.3	10
35	5-Aryl-2-(naphtha-1-yl)sulfonamido-thiazol-4(5H)-ones as clathrin inhibitors. Organic and Biomolecular Chemistry, 2016, 14, 11266-11278.	2.8	4
36	The Binding of Syndapin SH3 Domain to Dynamin Proline-rich Domain Involves Short and Long Distance Elements. Journal of Biological Chemistry, 2016, 291, 9411-9424.	3.4	20

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37	A Novel Sequence in AP180 and CALM Promotes Efficient Clathrin Binding and Assembly. PLoS ONE, 2016, 11, e0162050.	2.5	8
38	A Cholesterolâ€Dependent Endocytic Mechanism Generates Midbody Tubules During Cytokinesis. Traffic, 2015, 16, 1174-1192.	2.7	16
39	Small molecules demonstrate the role of dynamin as a bi-directional regulator of the exocytosis fusion pore and vesicle release. Molecular Psychiatry, 2015, 20, 810-819.	7.9	56
40	Exploiting endocytic pathways to prevent bacterial toxin infection. , 2015, , 1072-1094.		2
41	Microtubule-associated protein 6 mediates neuronal connectivity through Semaphorin 3E-dependent signalling for axonal growth. Nature Communications, 2015, 6, 7246.	12.8	57
42	Role of dynamin in elongated cell migration in a 3D matrix. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 611-618.	4.1	11
43	Simian Hemorrhagic Fever Virus Cell Entry Is Dependent on CD163 and Uses a Clathrin-Mediated Endocytosis-Like Pathway. Journal of Virology, 2015, 89, 844-856.	3.4	38
44	Chloride channel ClC-5 binds to aspartyl aminopeptidase to regulate renal albumin endocytosis. American Journal of Physiology - Renal Physiology, 2015, 308, F784-F792.	2.7	8
45	Phenothiazineâ€Derived Antipsychotic Drugs Inhibit Dynamin and Clathrinâ€Mediated Endocytosis. Traffic, 2015, 16, 635-654.	2.7	112
46	Optimization of calmodulin-affinity chromatography for brain and organelles. EuPA Open Proteomics, 2015, 8, 55-67.	2.5	1
47	1,8-Naphthalimide derivatives: new leads against dynamin I GTPase activity. Organic and Biomolecular Chemistry, 2015, 13, 8016-8028.	2.8	18
48	IQGAP1 is associated with nuclear envelope reformation and completion of abscission. Cell Cycle, 2015, 14, 2058-2074.	2.6	11
49	Glycogen synthase kinase 3 regulates acrosomal exocytosis in mouse spermatozoa via dynamin phosphorylation. FASEB Journal, 2015, 29, 2872-2882.	0.5	22
50	An integrated flow and microwave approach to a broad spectrum protein kinase inhibitor. RSC Advances, 2015, 5, 93433-93437.	3.6	8
51	SH3 Domains Differentially Stimulate Distinct Dynamin I Assembly Modes and G Domain Activity. PLoS ONE, 2015, 10, e0144609.	2.5	8
52	Pharmacological Inhibition of Dynamin II Reduces Constitutive Protein Secretion from Primary Human Macrophages. PLoS ONE, 2014, 9, e111186.	2.5	11
53	Clathrin Terminal Domain-Ligand Interactions Regulate Sorting of Mannose 6-Phosphate Receptors Mediated by AP-1 and GGA Adaptors. Journal of Biological Chemistry, 2014, 289, 4906-4918.	3.4	25
54	Repurposing molecular mechanisms of transmitter release: a new job for syndapin at the fusion pore. Focus on â€œSyndapin 3 modulates fusion pore expansion in mouse neuroendocrine chromaffin cellsâ€• American Journal of Physiology - Cell Physiology, 2014, 306, C792-C793.	4.6	3

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55	Mutations in theSPTLC1Protein Cause Mitochondrial Structural Abnormalities and Endoplasmic Reticulum Stress in Lymphoblasts. DNA and Cell Biology, 2014, 33, 399-407.	1.9	24
56	Synthesis of Dynole 34-2, Dynole 2-24 and Dyngo 4a for investigating dynamin GTPase. Nature Protocols, 2014, 9, 851-870.	12.0	49
57	Development of 1,8-Naphthalimides as Clathrin Inhibitors. Journal of Medicinal Chemistry, 2014, 57, 131-143.	6.4	24
58	Synthesis of the Pitstop family of clathrin inhibitors. Nature Protocols, 2014, 9, 1592-1606.	12.0	32
59	Development of quinone analogues as dynamin GTPase inhibitors. European Journal of Medicinal Chemistry, 2014, 85, 191-206.	5.5	23
60	Inhibition of clathrin by pitstop 2 activates the spindle assembly checkpoint and induces cell death in dividing HeLa cancer cells. Molecular Cancer, 2013, 12, 4.	19.2	38
61	Targeting membrane trafficking in infection prophylaxis: dynamin inhibitors. Trends in Cell Biology, 2013, 23, 90-101.	7.9	82
62	PICK1 interacts with PACSIN to regulate AMPA receptor internalization and cerebellar long-term depression. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13976-13981.	7.1	68
63	Syndapin â€“ a membrane remodelling and endocytic Fâ€<scp>BAR</scp> protein. FEBS Journal, 2013, 280, 5198-5212.	4.7	41
64	Development of Second-Generation Indole-Based Dynamin GTPase Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 46-59.	6.4	39
65	Pyrimidyn Compounds: Dual-Action Small Molecule Pyrimidine-Based Dynamin Inhibitors. ACS Chemical Biology, 2013, 8, 1507-1518.	3.4	27
66	Building a Better Dynasore: The Dyngo Compounds Potently Inhibit Dynamin and Endocytosis. Traffic, 2013, 14, 1272-1289.	2.7	243
67	Sorting Nexin 9 Recruits Clathrin Heavy Chain to the Mitotic Spindle for Chromosome Alignment and Segregation. PLoS ONE, 2013, 8, e68387.	2.5	6
68	Heterozygous Mutation Of Dynamin 2 Expands The Pool Of IL-7 Responsive Leukemic Stem Cells In T-Cell Acute Lymphoblastic Leukemia. Blood, 2013, 122, 613-613.	1.4	1
69	Identification of TPIT and other novel autoantigens in lymphocytic hypophysitis; immunoscreening of a pituitary cDNA library and development of immunoprecipitation assays. European Journal of Endocrinology, 2012, 166, 391-398.	3.7	51
70	KrÃ¼ppel-associated Box (KRAB)-associated Co-repressor (KAP-1) Ser-473 Phosphorylation Regulates Heterochromatin Protein 1Î² (HP1-Î²) Mobilization and DNA Repair in Heterochromatin. Journal of Biological Chemistry, 2012, 287, 28122-28131.	3.4	43
71	Dynamin Regulates Specific Membrane Fusion Events Necessary for Acrosomal Exocytosis in Mouse Spermatozoa. Journal of Biological Chemistry, 2012, 287, 37659-37672.	3.4	45
72	Synthesis and protein binding studies of a peptide fragment of clathrin assembly protein AP180 bearing an O-linked Î²-N-acetylglucosaminyl-6-phosphate modification. Organic and Biomolecular Chemistry, 2012, 10, 2545.	2.8	5

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73	Dynamin II function is required for EGF-mediated Stat3 activation but not Erk1/2 phosphorylation. Growth Factors, 2012, 30, 220-229.	1.7	9
74	Phosphorylation of syndapin I F-BAR domain at two helix-capping motifs regulates membrane tubulation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3760-3765.	7.1	28
75	The Rhodadyns, a New Class of Small Molecule Inhibitors of Dynamin GTPase Activity. ACS Medicinal Chemistry Letters, 2012, 3, 352-356.	2.8	40
76	Analysis of synaptic vesicle endocytosis in synaptosomes by high-content screening. Nature Protocols, 2012, 7, 1439-1455.	12.0	43
77	A Novel DNM2 Mutation Displaying Embryonic Lethality and Impaired Transferrin Uptake Identified in a Mouse ENU Mutagenesis Screen for Genes Perturbing Erythropoiesis. Blood, 2012, 120, 608-608.	1.4	1
78	Actin- and Dynamin-Dependent Maturation of Bulk Endocytosis Restores Neurotransmission following Synaptic Depletion. PLoS ONE, 2012, 7, e36913.	2.5	33
79	Identification and Characterisation of the RalA-ERp57 Interaction: Evidence for GDI Activity of ERp57. PLoS ONE, 2012, 7, e50879.	2.5	5
80	A Novel Post-translational Modification in Nerve Terminals: O-Linked N-Acetylglucosamine Phosphorylation. Journal of Proteome Research, 2011, 10, 2725-2733.	3.7	33
81	Role of the Clathrin Terminal Domain in Regulating Coated Pit Dynamics Revealed by Small Molecule Inhibition. Cell, 2011, 146, 471-484.	28.9	459
82	Cystic fibrosis in Australia, 2009: results from a data registry. Medical Journal of Australia, 2011, 195, 396-400.	1.7	40
83	Phosphorylation of dynamin II at serine-764 is associated with cytokinesis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1689-1699.	4.1	34
84	Dynamin inhibitors induce caspase-mediated apoptosis following cytokinesis failure in human cancer cells and this is blocked by Bcl-2 overexpression. Molecular Cancer, 2011, 10, 78.	19.2	29
85	Inhibition of Dynamin by Dynole 34-2 Induces Cell Death following Cytokinesis Failure in Cancer Cells. Molecular Cancer Therapeutics, 2011, 10, 1553-1562.	4.1	51
86	Calcineurin Selectively Docks with the Dynamin Ixb Splice Variant to Regulate Activity-dependent Bulk Endocytosis. Journal of Biological Chemistry, 2011, 286, 30295-30303.	3.4	39
87	Hypertrophy and dietary tyrosine ameliorate the phenotypes of a mouse model of severe nemaline myopathy. Brain, 2011, 134, 3516-3529.	7.6	59
88	Dynamin Inhibition Blocks Botulinum Neurotoxin Type A Endocytosis in Neurons and Delays Botulism. Journal of Biological Chemistry, 2011, 286, 35966-35976.	3.4	134
89	Autophosphorylation and ATM Activation. Journal of Biological Chemistry, 2011, 286, 9107-9119.	3.4	166
90	Prognostic Association of YB-1 Expression in Breast Cancers: A Matter of Antibody. PLoS ONE, 2011, 6, e20603.	2.5	33

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91	Calcineurin activity is required for the completion of cytokinesis. Cellular and Molecular Life Sciences, 2010, 67, 3725-3737.	5.4	36
92	Genotoxic stress-induced nuclear localization of oncoprotein YB-1 in the absence of proteolytic processing. Oncogene, 2010, 29, 403-410.	5.9	51
93	Dynamin I phosphorylation by GSK3 controls activity-dependent bulk endocytosis of synaptic vesicles. Nature Neuroscience, 2010, 13, 845-851.	14.8	156
94	Clathrin-independent carriers form a high capacity endocytic sorting system at the leading edge of migrating cells. Journal of Cell Biology, 2010, 190, 675-691.	5.2	263
95	The Dynamin Inhibitors MiTMAB and OcTMAB Induce Cytokinesis Failure and Inhibit Cell Proliferation in Human Cancer Cells. Molecular Cancer Therapeutics, 2010, 9, 1995-2006.	4.1	66
96	A Differential Role for Macropinocytosis in Mediating Entry of the Two Forms of Vaccinia Virus into Dendritic Cells. PLoS Pathogens, 2010, 6, e1000866.	4.7	82
97	Differential Phosphorylation of Dynamin I Isoforms in Subcellular Compartments Demonstrates the Hidden Complexity of Phosphoproteomes. Journal of Proteome Research, 2010, 9, 4028-4037.	3.7	23
98	Label-Free Quantitation of Phosphopeptide Changes During Rat Sperm Capacitation. Journal of Proteome Research, 2010, 9, 718-729.	3.7	53
99	The Pthaladyns: GTP Competitive Inhibitors of Dynamin I and II GTPase Derived from Virtual Screening. Journal of Medicinal Chemistry, 2010, 53, 5267-5280.	6.4	50
100	Expanding the clinical, pathological and MRI phenotype of DNM2-related centronuclear myopathy. Neuromuscular Disorders, 2010, 20, 229-237.	0.6	100
101	Region and diagnosis-specific changes in synaptic proteins in schizophrenia and bipolar I disorder. Psychiatry Research, 2010, 178, 374-380.	3.3	55
102	Iminochromene Inhibitors of Dynamins I and II GTPase Activity and Endocytosis. Journal of Medicinal Chemistry, 2010, 53, 4094-4102.	6.4	57
103	Quantitative phosphoproteomics of depolarizationâ€dependent protein phosphorylation in nerve terminals. FASEB Journal, 2010, 24, 905.2.	0.5	0
104	The Phospho-Dependent Dynamin-Syndapin Interaction Triggers Activity-Dependent Bulk Endocytosis of Synaptic Vesicles. Journal of Neuroscience, 2009, 29, 7706-7717.	3.6	164
105	Azido and Diazarinyl Analogues of Bisâ€Tyrphostin as Asymmetrical Inhibitors of Dynamin GTPase. ChemMedChem, 2009, 4, 1182-1188.	3.2	36
106	Steroids from an Australian Sponge Psammoclema sp.. Journal of Natural Products, 2009, 72, 102-106.	3.0	15
107	Phosphorylation regulates copper-responsive trafficking of the Menkes copper transporting P-type ATPase. International Journal of Biochemistry and Cell Biology, 2009, 41, 2403-2412.	2.8	52
108	Inhibition of Dynamin Mediated Endocytosis by the Dynolesâ€”Synthesis and Functional Activity of a Family of Indoles. Journal of Medicinal Chemistry, 2009, 52, 3762-3773.	6.4	147

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109	The actin-binding and bundling protein, EPLIN, is required for cytokinesis. Cell Cycle, 2009, 8, 757-764.	2.6	33
110	Protein phosphorylation is required for endocytosis in nerve terminals: potential role for the dephosphins dynaminâ€ƒI and synaptojanin, but not AP180 or amphiphysin. Journal of Neurochemistry, 2008, 76, 105-116.	3.9	80
111	A rapid Percoll gradient procedure for preparation of synaptosomes. Nature Protocols, 2008, 3, 1718-1728.	12.0	323
112	From Spanish fly to room-temperature ionic liquids (RTILs): synthesis, thermal stability and inhibition of dynamin 1 GTPase by a novel class of RTILs. New Journal of Chemistry, 2008, 32, 28-36.	2.8	32
113	The Extracellular Domain of the Growth Hormone Receptor Interacts with Coactivator Activator to Promote Cell Proliferation. Molecular Endocrinology, 2008, 22, 2190-2202.	3.7	48
114	Superfluous Role of Mammalian Septins 3 and 5 in Neuronal Development and Synaptic Transmission. Molecular and Cellular Biology, 2008, 28, 7012-7029.	2.3	47
115	SIMAC (Sequential Elution from IMAC), a Phosphoproteomics Strategy for the Rapid Separation of Monophosphorylated from Multiply Phosphorylated Peptides. Molecular and Cellular Proteomics, 2008, 7, 661-671.	3.8	380
116	The in Vivo Phosphorylation Sites in Multiple Isoforms of Amphiphysin I from Rat Brain Nerve Terminals. Molecular and Cellular Proteomics, 2008, 7, 1146-1161.	3.8	25
117	Chapter 12 Phosphoproteomics. Comprehensive Analytical Chemistry, 2008, 52, 275-296.	1.3	1
118	Styryl Dye-Based Synaptic Vesicle Recycling Assay in Cultured Cerebellar Granule Neurons. Methods in Molecular Biology, 2008, 457, 333-345.	0.9	9
119	The in Vivo Phosphorylation Sites of Rat Brain Dynamin I*. Journal of Biological Chemistry, 2007, 282, 14695-14707.	3.4	45
120	NEUROSCIENCE: How to Fill a Synapse. Science, 2007, 316, 551-553.	12.6	9
121	The use of proteomics to study wound healing: a preliminary study for forensic estimation of wound age. Medicine, Science and the Law, 2007, 47, 134-140.	1.0	11
122	Myristyl Trimethyl Ammonium Bromide and Octadecyl Trimethyl Ammonium Bromide Are Surface-Active Small Molecule Dynamin Inhibitors that Block Endocytosis Mediated by Dynamin I or Dynamin II. Molecular Pharmacology, 2007, 72, 1425-1439.	2.3	105
123	The in Vivo Phosphorylation and Glycosylation of Human Insulin-like Growth Factor-binding Protein-5. Molecular and Cellular Proteomics, 2007, 6, 1392-1405.	3.8	27
124	Protein Composition of Catalytically Active Human Telomerase from Immortal Cells. Science, 2007, 315, 1850-1853.	12.6	595
125	Telomerase Recognizes G-Quadruplex and Linear DNA as Distinct Substrates. Biochemistry, 2007, 46, 11279-11290.	2.5	39
126	The pathogenesis ofACTA1-related congenital fiber type disproportion. Annals of Neurology, 2007, 61, 552-561.	5.3	63

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127	Intranuclear rod myopathy: molecular pathogenesis and mechanisms of weakness. Annals of Neurology, 2007, 62, 597-608.	5.3	39
128	Syndapin I and endophilin I bind overlapping proline-rich regions of dynamin I: role in synaptic vesicle endocytosis. Journal of Neurochemistry, 2007, 102, 931-943.	3.9	55
129	The small GTPases Rab5 and RalA regulate intracellular traffic of P-glycoprotein. Biochimica Et Biophysica Acta - Molecular Cell Research, 2007, 1773, 1062-1072.	4.1	33
130	The phosphorylation of p25/TPPP by LIM kinase 1 inhibits its ability to assemble microtubules. Experimental Cell Research, 2007, 313, 4091-4106.	2.6	59
131	Autoimmune Hypophysitis. , 2007, , 357-392.		1
132	Identification of a family of DNA-binding proteins with homology to RNA splicing factors. Biochemistry and Cell Biology, 2006, 84, 9-19.	2.0	6
133	Ral: Mediator of membrane trafficking. International Journal of Biochemistry and Cell Biology, 2006, 38, 1841-1847.	2.8	74
134	Pituitary autoantibodies. Current Opinion in Endocrinology, Diabetes and Obesity, 2006, 13, 344-350.	0.6	2
135	Increased levels of SNAP-25 and synaptophysin in the dorsolateral prefrontal cortex in bipolar I disorder. Bipolar Disorders, 2006, 8, 133-143.	1.9	86
136	Syndapin I is the phosphorylation-regulated dynamin I partner in synaptic vesicle endocytosis. Nature Neuroscience, 2006, 9, 752-760.	14.8	198
137	Involvement of novel autophosphorylation sites in ATM activation. EMBO Journal, 2006, 25, 3504-3514.	7.8	251
138	Mechanisms of calcineurin inhibitor-induced neurotoxicity. Transplantation Reviews, 2006, 20, 49-60.	2.9	23
139	Characterization of the urinary albumin degradation pathway in the isolated perfused rat kidney. Translational Research, 2006, 147, 36-44.	2.3	34
140	Small Molecule Inhibitors of Dynamin I GTPase Activity:Â Development of Dimeric Tyrphostins. Journal of Medicinal Chemistry, 2005, 48, 7781-7788.	6.4	75
141	Parallel Solution-Phase Synthesis of Targeted Tyrphostin Libraries with Anticancer Activity. Australian Journal of Chemistry, 2005, 58, 94.	0.9	6
142	Rapid Purification of Native Dynamin I and Colorimetric GTPase Assay. Methods in Enzymology, 2005, 404, 556-569.	1.0	46
143	Cdk1/Erk2- and Plk1-Dependent Phosphorylation of a Centrosome Protein, Cep55, Is Required for Its Recruitment to Midbody and Cytokinesis. Developmental Cell, 2005, 9, 477-488.	7.0	273
144	Improved Detection of Hydrophilic Phosphopeptides Using Graphite Powder Microcolumns and Mass Spectrometry. Molecular and Cellular Proteomics, 2004, 3, 456-465.	3.8	91

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145	Dimerization of CtIP, a BRCA1- and CtBP-interacting Protein, Is Mediated by an N-terminal Coiled-coil Motif. Journal of Biological Chemistry, 2004, 279, 26932-26938.	3.4	46
146	Septin 3 (G-septin) is a developmentally regulated phosphoprotein enriched in presynaptic nerve terminals. Journal of Neurochemistry, 2004, 91, 579-590.	3.9	89
147	Long chain amines and long chain ammonium salts as novel inhibitors of dynamin GTPase activity. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 3275-3278.	2.2	57
148	Proteinâ€Protein Interactions Identified by Pullâ€Down Experiments and Mass Spectrometry. Current Protocols in Cell Biology, 2004, 22, Unit 17.5.	2.3	54
149	Multisite phosphorylation of doublecortin by cyclin-dependent kinase 5. Biochemical Journal, 2004, 381, 471-481.	3.7	42
150	Phosphorylation of septin 3 on Ser-91 by cGMP-dependent protein kinase-I in nerve terminals. Biochemical Journal, 2004, 381, 753-760.	3.7	38
151	Cdk5 is essential for synaptic vesicle endocytosis. Nature Cell Biology, 2003, 5, 701-710.	10.3	290
152	Synapsin I-associated Phosphatidylinositol 3-Kinase Mediates Synaptic Vesicle Delivery to the Readily Releasable Pool. Journal of Biological Chemistry, 2003, 278, 29065-29071.	3.4	58
153	Mammalian Septins Nomenclature. Molecular Biology of the Cell, 2002, 13, 4111-4113.	2.1	112
154	Pituitary Autoantibodies in Lymphocytic Hypophysitis Target Both Î³- and a-Enolase â€“ A Link with Pregnancy?. Archives of Physiology and Biochemistry, 2002, 110, 94-98.	2.1	76
155	Identification of the 49-kDa Autoantigen Associated with Lymphocytic Hypophysitis as Î±-Enolase. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 752-757.	3.6	99
156	Two Mechanisms of Synaptic Vesicle Recycling in Rat Brain Nerve Terminals. Journal of Neurochemistry, 2002, 75, 1645-1653.	3.9	59
157	Mechanisms of Synaptic Vesicle Recycling Illuminated by Fluorescent Dyes. Journal of Neurochemistry, 2002, 73, 2227-2239.	3.9	66
158	Green chemistry approaches to the Knoevenagel condensation: comparison of ethanol, water and solvent free (dry grind) approaches. Tetrahedron Letters, 2002, 43, 3117-3120.	1.4	62
159	Decreased phorbol ester binding in the parahippocampal gyrus from subjects with schizophrenia is not associated with changes in protein kinase C. Molecular Psychiatry, 2002, 7, 683-688.	7.9	3
160	Identification of the 49-kDa Autoantigen Associated with Lymphocytic Hypophysitis as Â-Enolase. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 752-757.	3.6	74
161	The dephosphins: dephosphorylation by calcineurin triggers synaptic vesicle endocytosis. Trends in Neurosciences, 2001, 24, 659-665.	8.6	307
162	Dynamin inhibits phosphatidylinositol 3-kinase in hematopoietic cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2001, 1538, 10-19.	4.1	9

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163	Enhanced Protein Recovery and Reproducibility from Pull-Down Assays and Immunoprecipitations Using Spin Columns. Analytical Biochemistry, 2001, 295, 119-122.	2.4	21
164	The Brain Exocyst Complex Interacts with RalA in a GTP-dependent Manner. Journal of Biological Chemistry, 2001, 276, 29792-29797.	3.4	128
165	Stanniocalcin 1 and 2 are secreted as phosphoproteins from human fibrosarcoma cells. Biochemical Journal, 2000, 350, 453.	3.7	24
166	Stanniocalcin 1 and 2 are secreted as phosphoproteins from human fibrosarcoma cells. Biochemical Journal, 2000, 350, 453-461.	3.7	72
167	Ca²⁺Influx Inhibits Dynamin and Arrests Synaptic Vesicle Endocytosis at the Active Zone. Journal of Neuroscience, 2000, 20, 949-957.	3.6	86
168	Phosphorylation of Dynamin I on Ser-795 by Protein Kinase C Blocks Its Association with Phospholipids. Journal of Biological Chemistry, 2000, 275, 11610-11617.	3.4	65
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