

Phillip J Robinson

List of Publications by Year in descending order

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225
papers

12,730
citations

25034

57
h-index

31849

101
g-index

228
all docs

228
docs citations

228
times ranked

14657
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein Composition of Catalytically Active Human Telomerase from Immortal Cells. <i>Science</i> , 2007, 315, 1850-1853.	12.6	595
2	Role of the Clathrin Terminal Domain in Regulating Coated Pit Dynamics Revealed by Small Molecule Inhibition. <i>Cell</i> , 2011, 146, 471-484.	28.9	459
3	Membrane fission by dynamin: what we know and what we need to know. <i>EMBO Journal</i> , 2016, 35, 2270-2284.	7.8	388
4	SIMAC (Sequential Elution from IMAC), a Phosphoproteomics Strategy for the Rapid Separation of Monophosphorylated from Multiply Phosphorylated Peptides. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 661-671.	3.8	380
5	A rapid Percoll gradient procedure for preparation of synaptosomes. <i>Nature Protocols</i> , 2008, 3, 1718-1728.	12.0	323
6	The dephosphins: dephosphorylation by calcineurin triggers synaptic vesicle endocytosis. <i>Trends in Neurosciences</i> , 2001, 24, 659-665.	8.6	307
7	Cdk5 is essential for synaptic vesicle endocytosis. <i>Nature Cell Biology</i> , 2003, 5, 701-710.	10.3	290
8	Dynamin GTPase regulated by protein kinase C phosphorylation in nerve terminals. <i>Nature</i> , 1993, 365, 163-166.	27.8	284
9	Cdk1/Erk2- and Plk1-Dependent Phosphorylation of a Centrosome Protein, Cep55, Is Required for Its Recruitment to Midbody and Cytokinesis. <i>Developmental Cell</i> , 2005, 9, 477-488.	7.0	273
10	Clathrin-independent carriers form a high capacity endocytic sorting system at the leading edge of migrating cells. <i>Journal of Cell Biology</i> , 2010, 190, 675-691.	5.2	263
11	Cyclic GMP-Dependent Protein Kinase and Cellular Signaling in the Nervous System. <i>Journal of Neurochemistry</i> , 1997, 68, 443-456.	3.9	254
12	Involvement of novel autophosphorylation sites in ATM activation. <i>EMBO Journal</i> , 2006, 25, 3504-3514.	7.8	251
13	Building a Better Dynasore: The Dyngo Compounds Potently Inhibit Dynamin and Endocytosis. <i>Traffic</i> , 2013, 14, 1272-1289.	2.7	243
14	Calcineurin inhibition of dynamin I GTPase activity coupled to nerve terminal depolarization. <i>Science</i> , 1994, 265, 970-973.	12.6	209
15	Syndapin I is the phosphorylation-regulated dynamin I partner in synaptic vesicle endocytosis. <i>Nature Neuroscience</i> , 2006, 9, 752-760.	14.8	198
16	Autophosphorylation and ATM Activation. <i>Journal of Biological Chemistry</i> , 2011, 286, 9107-9119.	3.4	166
17	The Phospho-Dependent Dynamin-Syndapin Interaction Triggers Activity-Dependent Bulk Endocytosis of Synaptic Vesicles. <i>Journal of Neuroscience</i> , 2009, 29, 7706-7717.	3.6	164
18	Neurokinin 1 receptor signaling in endosomes mediates sustained nociception and is a viable therapeutic target for prolonged pain relief. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	158

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19	Dynamin I phosphorylation by GSK3 controls activity-dependent bulk endocytosis of synaptic vesicles. <i>Nature Neuroscience</i> , 2010, 13, 845-851.	14.8	156
20	Inhibition of Dynamin Mediated Endocytosis by the <i>Dynoles</i> —Synthesis and Functional Activity of a Family of Indoles. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 3762-3773.	6.4	147
21	Dynamin Inhibition Blocks Botulinum Neurotoxin Type A Endocytosis in Neurons and Delays Botulism. <i>Journal of Biological Chemistry</i> , 2011, 286, 35966-35976.	3.4	134
22	The Brain Exocyst Complex Interacts with RalA in a GTP-dependent Manner. <i>Journal of Biological Chemistry</i> , 2001, 276, 29792-29797.	3.4	128
23	Endocytosis Inhibition in Humans to Improve Responses to ADCC-Mediating Antibodies. <i>Cell</i> , 2020, 180, 895-914.e27.	28.9	127
24	Phosphorylation of dynamin I and synaptic-vesicle recycling. <i>Trends in Neurosciences</i> , 1994, 17, 348-353.	8.6	120
25	Corticotropin-releasing hormone-induced vasodilatation in the human fetal-placental circulation: involvement of the nitric oxide-cyclic guanosine 3',5'-monophosphate-mediated pathway. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1995, 80, 2888-2893.	3.6	113
26	Mammalian Septins Nomenclature. <i>Molecular Biology of the Cell</i> , 2002, 13, 4111-4113.	2.1	112
27	Phenothiazineâ€Derived Antipsychotic Drugs Inhibit Dynamin and Clathrinâ€Mediated Endocytosis. <i>Traffic</i> , 2015, 16, 635-654.	2.7	112
28	The role of protein kinase C and its neuronal substrates dephosphin, B-50, and MARCKS in neurotransmitter release. <i>Molecular Neurobiology</i> , 1991, 5, 87-130.	4.0	105
29	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. <i>Molecular Pharmacology</i> , 2007, 72, 1425-1439.	2.3	105
30	Expanding the clinical, pathological and MRI phenotype of DNM2-related centronuclear myopathy. <i>Neuromuscular Disorders</i> , 2010, 20, 229-237.	0.6	100
31	Identification of the 49-kDa Autoantigen Associated with Lymphocytic Hypophysitis as \pm -Enolase. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 752-757.	3.6	99
32	Improved Detection of Hydrophilic Phosphopeptides Using Graphite Powder Microcolumns and Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2004, 3, 456-465.	3.8	91
33	Septin 3 (G-septin) is a developmentally regulated phosphoprotein enriched in presynaptic nerve terminals. <i>Journal of Neurochemistry</i> , 2004, 91, 579-590.	3.9	89
34	Ca ²⁺ Influx Inhibits Dynamin and Arrests Synaptic Vesicle Endocytosis at the Active Zone. <i>Journal of Neuroscience</i> , 2000, 20, 949-957.	3.6	86
35	Increased levels of SNAP-25 and synaptophysin in the dorsolateral prefrontal cortex in bipolar I disorder. <i>Bipolar Disorders</i> , 2006, 8, 133-143.	1.9	86
36	Depolarisation-Dependent Protein Phosphorylation in Rat Cortical Synaptosomes: Factors Determining the Magnitude of the Response. <i>Journal of Neurochemistry</i> , 1983, 41, 909-918.	3.9	84

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37	Dynamin, endocytosis and intracellular signalling (Review). <i>Molecular Membrane Biology</i> , 1996, 13, 189-215.	2.0	84
38	A Differential Role for Macropinocytosis in Mediating Entry of the Two Forms of Vaccinia Virus into Dendritic Cells. <i>PLoS Pathogens</i> , 2010, 6, e1000866.	4.7	82
39	Targeting membrane trafficking in infection prophylaxis: dynamin inhibitors. <i>Trends in Cell Biology</i> , 2013, 23, 90-101.	7.9	82
40	Protein phosphorylation is required for endocytosis in nerve terminals: potential role for the dephosphins dynamin ϵ 1 and synaptojanin, but not AP180 or amphiphysin. <i>Journal of Neurochemistry</i> , 2008, 76, 105-116.	3.9	80
41	Phosphorylation of splicing factor SF1 on Ser20 by cGMP-dependent protein kinase regulates spliceosome assembly. <i>EMBO Journal</i> , 1999, 18, 4549-4559.	7.8	79
42	Pituitary Autoantibodies in Lymphocytic Hypophysitis Target Both β - and α -Enolase – A Link with Pregnancy?. <i>Archives of Physiology and Biochemistry</i> , 2002, 110, 94-98.	2.1	76
43	Small Molecule Inhibitors of Dynamin I GTPase Activity: Development of Dimeric Tyrphostins. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 7781-7788.	6.4	75
44	Strategies to enable large-scale proteomics for reproducible research. <i>Nature Communications</i> , 2020, 11, 3793.	12.8	75
45	Ral: Mediator of membrane trafficking. <i>International Journal of Biochemistry and Cell Biology</i> , 2006, 38, 1841-1847.	2.8	74
46	Identification of the 49-kDa Autoantigen Associated with Lymphocytic Hypophysitis as α -Enolase. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 752-757.	3.6	74
47	Stanniocalcin 1 and 2 are secreted as phosphoproteins from human fibrosarcoma cells. <i>Biochemical Journal</i> , 2000, 350, 453-461.	3.7	72
48	Corticotropin-releasing hormone-induced vasodilatation in the human fetal placental circulation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994, 79, 666-669.	3.6	70
49	PICK1 interacts with PACSIN to regulate AMPA receptor internalization and cerebellar long-term depression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13976-13981.	7.1	68
50	Mechanisms of Synaptic Vesicle Recycling Illuminated by Fluorescent Dyes. <i>Journal of Neurochemistry</i> , 2002, 73, 2227-2239.	3.9	66
51	The Dynamin Inhibitors MiTMAB and OcTMAB Induce Cytokinesis Failure and Inhibit Cell Proliferation in Human Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1995-2006.	4.1	66
52	Phosphorylation of Dynamin I on Ser-795 by Protein Kinase C Blocks Its Association with Phospholipids. <i>Journal of Biological Chemistry</i> , 2000, 275, 11610-11617.	3.4	65
53	The pathogenesis of ACTA1-related congenital fiber type disproportion. <i>Annals of Neurology</i> , 2007, 61, 552-561.	5.3	63
54	Depolarisation-Dependent Protein Phosphorylation and Dephosphorylation in Rat Cortical Synaptosomes Is Modulated by Calcium. <i>Journal of Neurochemistry</i> , 1985, 44, 338-348.	3.9	62

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55	Green chemistry approaches to the Knoevenagel condensation: comparison of ethanol, water and solvent free (dry grind) approaches. <i>Tetrahedron Letters</i> , 2002, 43, 3117-3120.	1.4	62
56	Dynamin and Endocytosis*. <i>Endocrine Reviews</i> , 1995, 16, 590-607.	20.1	61
57	Chapter 22 Depolarization-dependent protein phosphorylation in synaptosomes: mechanisms and significance. <i>Progress in Brain Research</i> , 1986, 69, 273-293.	1.4	60
58	Two Mechanisms of Synaptic Vesicle Recycling in Rat Brain Nerve Terminals. <i>Journal of Neurochemistry</i> , 2002, 75, 1645-1653.	3.9	59
59	The phosphorylation of p25/TPPP by LIM kinase 1 inhibits its ability to assemble microtubules. <i>Experimental Cell Research</i> , 2007, 313, 4091-4106.	2.6	59
60	Hypertrophy and dietary tyrosine ameliorate the phenotypes of a mouse model of severe nemaline myopathy. <i>Brain</i> , 2011, 134, 3516-3529.	7.6	59
61	Synapsin I-associated Phosphatidylinositol 3-Kinase Mediates Synaptic Vesicle Delivery to the Readily Releasable Pool. <i>Journal of Biological Chemistry</i> , 2003, 278, 29065-29071.	3.4	58
62	Long chain amines and long chain ammonium salts as novel inhibitors of dynamin GTPase activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 3275-3278.	2.2	57
63	Iminochromene Inhibitors of Dynamins I and II GTPase Activity and Endocytosis. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4094-4102.	6.4	57
64	Microtubule-associated protein 6 mediates neuronal connectivity through Semaphorin 3E-dependent signalling for axonal growth. <i>Nature Communications</i> , 2015, 6, 7246.	12.8	57
65	Small molecules demonstrate the role of dynamin as a bi-directional regulator of the exocytosis fusion pore and vesicle release. <i>Molecular Psychiatry</i> , 2015, 20, 810-819.	7.9	56
66	Syndapin I and endophilin I bind overlapping proline-rich regions of dynamin I: role in synaptic vesicle endocytosis. <i>Journal of Neurochemistry</i> , 2007, 102, 931-943.	3.9	55
67	Region and diagnosis-specific changes in synaptic proteins in schizophrenia and bipolar I disorder. <i>Psychiatry Research</i> , 2010, 178, 374-380.	3.3	55
68	Phosphorylation of a New Brain-specific Septin, G-septin, by cGMP-dependent Protein Kinase. <i>Journal of Biological Chemistry</i> , 2000, 275, 10047-10056.	3.4	54
69	Protein-Protein Interactions Identified by Pull-Down Experiments and Mass Spectrometry. <i>Current Protocols in Cell Biology</i> , 2004, 22, Unit 17.5.	2.3	54
70	Label-Free Quantitation of Phosphopeptide Changes During Rat Sperm Capacitation. <i>Journal of Proteome Research</i> , 2010, 9, 718-729.	3.7	53
71	Phosphorylation regulates copper-responsive trafficking of the Menkes copper transporting P-type ATPase. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 2403-2412.	2.8	52
72	Loss-of-function mutations of Dynamin 2 promote T-ALL by enhancing IL-7 signalling. <i>Leukemia</i> , 2016, 30, 1993-2001.	7.2	52

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73	Pan-cancer proteomic map of 949 human cell lines. <i>Cancer Cell</i> , 2022, 40, 835-849.e8.	16.8	52
74	Genotoxic stress-induced nuclear localization of oncoprotein YB-1 in the absence of proteolytic processing. <i>Oncogene</i> , 2010, 29, 403-410.	5.9	51
75	Inhibition of Dynamin by Dynole 34-2 Induces Cell Death following Cytokinesis Failure in Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1553-1562.	4.1	51
76	Identification of TPIT and other novel autoantigens in lymphocytic hypophysitis; immunoscreening of a pituitary cDNA library and development of immunoprecipitation assays. <i>European Journal of Endocrinology</i> , 2012, 166, 391-398.	3.7	51
77	Dephosphorylation of Synaptosomal Proteins P96 and P139 Is Regulated by Both Depolarization and Calcium, but Not by a Rise in Cytosolic Calcium Alone. <i>Journal of Neurochemistry</i> , 1987, 48, 187-195.	3.9	50
78	The <i>Pthaladyns</i> : GTP Competitive Inhibitors of Dynamin I and II GTPase Derived from Virtual Screening. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 5267-5280.	6.4	50
79	Activation of Protein Kinase C in Vitro and in Intact Cells or Synaptosomes Determined by Acetic Acid Extraction of MARCKS. <i>Analytical Biochemistry</i> , 1993, 210, 172-178.	2.4	49
80	Synthesis of Dynole 34-2, Dynole 2-24 and Dyngo 4a for investigating dynamin GTPase. <i>Nature Protocols</i> , 2014, 9, 851-870.	12.0	49
81	The Extracellular Domain of the Growth Hormone Receptor Interacts with Coactivator Activator to Promote Cell Proliferation. <i>Molecular Endocrinology</i> , 2008, 22, 2190-2202.	3.7	48
82	Superfluous Role of Mammalian Septins 3 and 5 in Neuronal Development and Synaptic Transmission. <i>Molecular and Cellular Biology</i> , 2008, 28, 7012-7029.	2.3	47
83	Dimerization of CtIP, a BRCA1- and CtBP-interacting Protein, Is Mediated by an N-terminal Coiled-coil Motif. <i>Journal of Biological Chemistry</i> , 2004, 279, 26932-26938.	3.4	46
84	Rapid Purification of Native Dynamin I and Colorimetric GTPase Assay. <i>Methods in Enzymology</i> , 2005, 404, 556-569.	1.0	46
85	The in Vivo Phosphorylation Sites of Rat Brain Dynamin I*. <i>Journal of Biological Chemistry</i> , 2007, 282, 14695-14707.	3.4	45
86	Dynamin Regulates Specific Membrane Fusion Events Necessary for Acrosomal Exocytosis in Mouse Spermatozoa. <i>Journal of Biological Chemistry</i> , 2012, 287, 37659-37672.	3.4	45
87	KrÄppel-associated Box (KRAB)-associated Co-repressor (KAP-1) Ser-473 Phosphorylation Regulates Heterochromatin Protein 1 ² (HP1- ²) Mobilization and DNA Repair in Heterochromatin. <i>Journal of Biological Chemistry</i> , 2012, 287, 28122-28131.	3.4	43
88	Analysis of synaptic vesicle endocytosis in synaptosomes by high-content screening. <i>Nature Protocols</i> , 2012, 7, 1439-1455.	12.0	43
89	Multisite phosphorylation of doublecortin by cyclin-dependent kinase 5. <i>Biochemical Journal</i> , 2004, 381, 471-481.	3.7	42
90	Syndapin â€œ a membrane remodelling and endocytic Fâ€œ<sc>BAR</sc> protein. <i>FEBS Journal</i> , 2013, 280, 5198-5212.	4.7	41

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91	Cystic fibrosis in Australia, 2009: results from a data registry. <i>Medical Journal of Australia</i> , 2011, 195, 396-400.	1.7	40
92	The Rhodadyns, a New Class of Small Molecule Inhibitors of Dynamin GTPase Activity. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 352-356.	2.8	40
93	Identification and characterization of a corticotrophin-releasing hormone receptor in human placenta. <i>European Journal of Endocrinology</i> , 1995, 133, 591-597.	3.7	39
94	Telomerase Recognizes G-Quadruplex and Linear DNA as Distinct Substrates. <i>Biochemistry</i> , 2007, 46, 11279-11290.	2.5	39
95	Intranuclear rod myopathy: molecular pathogenesis and mechanisms of weakness. <i>Annals of Neurology</i> , 2007, 62, 597-608.	5.3	39
96	Calcineurin Selectively Docks with the Dynamin I α Splice Variant to Regulate Activity-dependent Bulk Endocytosis. <i>Journal of Biological Chemistry</i> , 2011, 286, 30295-30303.	3.4	39
97	Development of Second-Generation Indole-Based Dynamin GTPase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 46-59.	6.4	39
98	Ba ²⁺ does not support synaptic vesicle retrieval in rat cerebrocortical synaptosomes. <i>Neuroscience Letters</i> , 1998, 253, 1-4.	2.1	38
99	Phosphorylation of septin 3 on Ser-91 by cGMP-dependent protein kinase-I in nerve terminals. <i>Biochemical Journal</i> , 2004, 381, 753-760.	3.7	38
100	Inhibition of clathrin by pitstop 2 activates the spindle assembly checkpoint and induces cell death in dividing HeLa cancer cells. <i>Molecular Cancer</i> , 2013, 12, 4.	19.2	38
101	Simian Hemorrhagic Fever Virus Cell Entry Is Dependent on CD163 and Uses a Clathrin-Mediated Endocytosis-Like Pathway. <i>Journal of Virology</i> , 2015, 89, 844-856.	3.4	38
102	A synthetic peptide analog of the putative substrate-binding motif activates protein kinase C. <i>FEBS Letters</i> , 1989, 249, 243-247.	2.8	37
103	Calcium Binds Dynamin I and Inhibits Its GTPase Activity. <i>Journal of Neurochemistry</i> , 1996, 66, 2074-2081.	3.9	37
104	Azido and Diazarinyl Analogues of Bisphenylpyrphostin as Asymmetrical Inhibitors of Dynamin GTPase. <i>ChemMedChem</i> , 2009, 4, 1182-1188.	3.2	36
105	Calcineurin activity is required for the completion of cytokinesis. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 3725-3737.	5.4	36
106	Depolarization-dependent protein phosphorylation in rat cortical synaptosomes: The effects of calcium, strontium and barium. <i>Neuroscience Letters</i> , 1983, 43, 85-90.	2.1	34
107	Characterization of the urinary albumin degradation pathway in the isolated perfused rat kidney. <i>Translational Research</i> , 2006, 147, 36-44.	2.3	34
108	Phosphorylation of dynamin II at serine-764 is associated with cytokinesis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1689-1699.	4.1	34

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109	Arginine vasopressin (AVP) causes the reversible phosphorylation of the myristoylated alanine-rich C kinase substrate (MARCKS) protein in the ovine anterior pituitary: evidence that MARCKS phosphorylation is associated with adrenocorticotropin (ACTH) secretion. <i>Molecular and Cellular Endocrinology</i> , 1994, 105, 217-226.	3.2	33
110	The small GTPases Rab5 and RalA regulate intracellular traffic of P-glycoprotein. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 1062-1072.	4.1	33
111	The actin-binding and bundling protein, EPLIN, is required for cytokinesis. <i>Cell Cycle</i> , 2009, 8, 757-764.	2.6	33
112	A Novel Post-translational Modification in Nerve Terminals: O-Linked N-Acetylglucosamine Phosphorylation. <i>Journal of Proteome Research</i> , 2011, 10, 2725-2733.	3.7	33
113	The Impact of Commonly Used Alkylating Agents on Artfactual Peptide Modification. <i>Journal of Proteome Research</i> , 2017, 16, 3443-3447.	3.7	33
114	Prognostic Association of YB-1 Expression in Breast Cancers: A Matter of Antibody. <i>PLoS ONE</i> , 2011, 6, e20603.	2.5	33
115	Actin- and Dynamin-Dependent Maturation of Bulk Endocytosis Restores Neurotransmission following Synaptic Depletion. <i>PLoS ONE</i> , 2012, 7, e36913.	2.5	33
116	From Spanish fly to room-temperature ionic liquids (RTILs): synthesis, thermal stability and inhibition of dynamin 1 GTPase by a novel class of RTILs. <i>New Journal of Chemistry</i> , 2008, 32, 28-36.	2.8	32
117	Synthesis of the Pitstop family of clathrin inhibitors. <i>Nature Protocols</i> , 2014, 9, 1592-1606.	12.0	32
118	Dephosphin/dynamin is a neuronal phosphoprotein concentrated in nerve terminals: Evidence from rat cerebellum. <i>Neuroscience</i> , 1995, 64, 821-833.	2.3	30
119	Regulation of protein kinases by pseudosubstrate prototopes. <i>Cellular Signalling</i> , 1989, 1, 303-311.	3.6	29
120	Dynamin inhibitors induce caspase-mediated apoptosis following cytokinesis failure in human cancer cells and this is blocked by Bcl-2 overexpression. <i>Molecular Cancer</i> , 2011, 10, 78.	19.2	29
121	The temporal profile of activity-dependent presynaptic phospho-signalling reveals long-lasting patterns of poststimulus regulation. <i>PLoS Biology</i> , 2019, 17, e3000170.	5.6	29
122	Phosphorylation of syndapin I F-BAR domain at two helix-capping motifs regulates membrane tubulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3760-3765.	7.1	28
123	The in Vivo Phosphorylation and Glycosylation of Human Insulin-like Growth Factor-binding Protein-5. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1392-1405.	3.8	27
124	Pyrimidyn Compounds: Dual-Action Small Molecule Pyrimidine-Based Dynamin Inhibitors. <i>ACS Chemical Biology</i> , 2013, 8, 1507-1518.	3.4	27
125	Cholinoceptor regulation of cyclic AMP levels in bovine adrenal medullary cells. <i>British Journal of Pharmacology</i> , 1992, 106, 360-366.	5.4	26
126	Differential regulation of MAP kinase activity by corticotropin-releasing hormone in normal and neoplastic corticotropes. <i>International Journal of Biochemistry and Cell Biology</i> , 1998, 30, 1389-1401.	2.8	26

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127	Mixed-lineage kinase 2-SH3 domain binds dynamin and greatly enhances activation of GTPase by phospholipid. <i>Biochemical Journal</i> , 1998, 335, 119-124.	3.7	26
128	Cyclic GMP-Dependent Protein Kinase Substrates in Rat Brain. <i>Journal of Neurochemistry</i> , 1995, 65, 595-604.	3.9	26
129	Calcium-stimulated protein kinases from rat cerebral cortex are inactivated by preincubation. <i>Biochemical and Biophysical Research Communications</i> , 1981, 102, 1196-1202.	2.1	25
130	Dephosphin, a 96 000 Da substrate of protein kinase C in synaptosomal cytosol, is phosphorylated in intact synaptosomes. <i>FEBS Letters</i> , 1991, 282, 388-392.	2.8	25
131	The in Vivo Phosphorylation Sites in Multiple Isoforms of Amphiphysin I from Rat Brain Nerve Terminals. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1146-1161.	3.8	25
132	Clathrin Terminal Domain-Ligand Interactions Regulate Sorting of Mannose 6-Phosphate Receptors Mediated by AP-1 and GGA Adaptors. <i>Journal of Biological Chemistry</i> , 2014, 289, 4906-4918.	3.4	25
133	Addressing the Challenges of High-Throughput Cancer Tissue Proteomics for Clinical Application: ProCan. <i>Proteomics</i> , 2019, 19, e1900109.	2.2	25
134	The molecular pathology of amyloid deposition in Alzheimer's disease. <i>Molecular Neurobiology</i> , 1991, 5, 389-398.	4.0	24
135	Stanniocalcin 1 and 2 are secreted as phosphoproteins from human fibrosarcoma cells. <i>Biochemical Journal</i> , 2000, 350, 453.	3.7	24
136	Mutations in the <i>SPTLC1</i> Protein Cause Mitochondrial Structural Abnormalities and Endoplasmic Reticulum Stress in Lymphoblasts. <i>DNA and Cell Biology</i> , 2014, 33, 399-407.	1.9	24
137	Development of 1,8-Naphthalimides as Clathrin Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 131-143.	6.4	24
138	Potencies of protein kinase C inhibitors are dependent on the activators used to stimulate the enzyme. <i>Biochemical Pharmacology</i> , 1992, 44, 1325-1334.	4.4	23
139	Mechanisms of calcineurin inhibitor-induced neurotoxicity. <i>Transplantation Reviews</i> , 2006, 20, 49-60.	2.9	23
140	Differential Phosphorylation of Dynamin I Isoforms in Subcellular Compartments Demonstrates the Hidden Complexity of Phosphoproteomes. <i>Journal of Proteome Research</i> , 2010, 9, 4028-4037.	3.7	23
141	Development of quinone analogues as dynamin GTPase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 191-206.	5.5	23
142	Dopamine and serotonin in two populations of synaptosomes isolated by percoll gradient centrifugation. <i>Neurochemistry International</i> , 1986, 9, 455-458.	3.8	22
143	Glycogen synthase kinase 3 regulates acrosomal exocytosis in mouse spermatozoa via dynamin phosphorylation. <i>FASEB Journal</i> , 2015, 29, 2872-2882.	0.5	22
144	Dynamin regulates the fusion pore of endo- and exocytotic vesicles as revealed by membrane capacitance measurements. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 2293-2303.	2.4	22

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145	Depolarisation-Dependent Protein Phosphorylation in Rat Cortical Synaptosomes Is Inhibited by Fluphenazine at a Step After Calcium Entry. <i>Journal of Neurochemistry</i> , 1984, 43, 659-667.	3.9	21
146	Evidence that the stimulation by arginine vasopressin of the release of adrenocorticotropin from the ovine anterior pituitary involves the activation of protein kinase C. <i>Molecular and Cellular Endocrinology</i> , 1992, 87, 35-47.	3.2	21
147	Enhanced Protein Recovery and Reproducibility from Pull-Down Assays and Immunoprecipitations Using Spin Columns. <i>Analytical Biochemistry</i> , 2001, 295, 119-122.	2.4	21
148	Basal and KCl-stimulated corticotropin-releasing hormone release from human placental syncytiotrophoblasts is inhibited by sodium nitroprusside. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994, 79, 519-524.	3.6	21
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