

Alexandra C Newton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3787244/publications.pdf>

Version: 2024-02-01

172
papers

18,545
citations

14655

66
h-index

11939

134
g-index

178
all docs

178
docs citations

178
times ranked

14451
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein Kinase C: Structure, Function, and Regulation. <i>Journal of Biological Chemistry</i> , 1995, 270, 28495-28498.	3.4	1,388
2	Regulation of protein kinase C. <i>Current Opinion in Cell Biology</i> , 1997, 9, 161-167.	5.4	900
3	Protein Kinase C: Structural and Spatial Regulation by Phosphorylation, Cofactors, and Macromolecular Interactions. <i>Chemical Reviews</i> , 2001, 101, 2353-2364.	47.7	884
4	PHLPP: A Phosphatase that Directly Dephosphorylates Akt, Promotes Apoptosis, and Suppresses Tumor Growth. <i>Molecular Cell</i> , 2005, 18, 13-24.	9.7	796
5	Regulation of the ABC kinases by phosphorylation: protein kinase C as a paradigm. <i>Biochemical Journal</i> , 2003, 370, 361-371.	3.7	716
6	Protein kinase C isozymes and the regulation of diverse cell responses. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000, 279, L429-L438.	2.9	617
7	Regulation of protein kinase C η by PI 3-kinase and PDK-1. <i>Current Biology</i> , 1998, 8, 1069-1078.	3.9	600
8	PHLPP and a Second Isoform, PHLPP2, Differentially Attenuate the Amplitude of Akt Signaling by Regulating Distinct Akt Isoforms. <i>Molecular Cell</i> , 2007, 25, 917-931.	9.7	527
9	A genetically encoded fluorescent reporter reveals oscillatory phosphorylation by protein kinase C. <i>Journal of Cell Biology</i> , 2003, 161, 899-909.	5.2	524
10	The mammalian target of rapamycin complex 2 controls folding and stability of Akt and protein kinase C. <i>EMBO Journal</i> , 2008, 27, 1932-1943.	7.8	482
11	Protein kinase C: poised to signal. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 298, E395-E402.	3.5	457
12	Protein kinase C is regulated in vivo by three functionally distinct phosphorylations. <i>Current Biology</i> , 1995, 5, 1394-1403.	3.9	450
13	Akt/Protein Kinase B Is Regulated by Autophosphorylation at the Hypothetical PDK-2 Site. <i>Journal of Biological Chemistry</i> , 2000, 275, 8271-8274.	3.4	436
14	Cellular Signaling. <i>Cell</i> , 2000, 103, 185-188.	28.9	394
15	Regulation of conventional protein kinase C isozymes by phosphoinositide-dependent kinase 1 (PDK-1). <i>Current Biology</i> , 1998, 8, 1366-1375.	3.9	357
16	Taxonomy and function of C1 protein kinase C homology domains. <i>Protein Science</i> , 1997, 6, 477-480.	7.6	317
17	Cancer-Associated Protein Kinase C Mutations Reveal Kinase's Role as Tumor Suppressor. <i>Cell</i> , 2015, 160, 489-502.	28.9	285
18	Protein kinase C: a paradigm for regulation of protein function by two membrane-targeting modules. <i>BBA - Biomembranes</i> , 1998, 1376, 155-172.	8.0	242

#	ARTICLE	IF	CITATIONS
19	Mechanism of Interaction of Protein Kinase C with Phorbol Esters. <i>Journal of Biological Chemistry</i> , 1995, 270, 25526-25533.	3.4	228
20	Protein kinase C: perfectly balanced. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2018, 53, 208-230.	5.2	207
21	Spatio-temporal Dynamics of Protein Kinase B/Akt Signaling Revealed by a Genetically Encoded Fluorescent Reporter. <i>Journal of Biological Chemistry</i> , 2005, 280, 5581-5587.	3.4	188
22	Protein Kinase C: Seeing two domains. <i>Current Biology</i> , 1995, 5, 973-976.	3.9	187
23	The Phosphatase PHLPP Controls the Cellular Levels of Protein Kinase C. <i>Journal of Biological Chemistry</i> , 2008, 283, 6300-6311.	3.4	180
24	Protein kinase C pharmacology: refining the toolbox. <i>Biochemical Journal</i> , 2013, 452, 195-209.	3.7	172
25	Targeting Protein Kinase C Activity Reporter to Discrete Intracellular Regions Reveals Spatiotemporal Differences in Agonist-dependent Signaling. <i>Journal of Biological Chemistry</i> , 2006, 281, 30947-30956.	3.4	169
26	PHLiPPing the switch on Akt and protein kinase C signaling. <i>Trends in Endocrinology and Metabolism</i> , 2008, 19, 223-230.	7.1	169
27	Identification of PHLPP1 as a Tumor Suppressor Reveals the Role of Feedback Activation in PTEN-Mutant Prostate Cancer Progression. <i>Cancer Cell</i> , 2011, 20, 173-186.	16.8	158
28	A Single Residue in the C1 Domain Sensitizes Novel Protein Kinase C Isoforms to Cellular Diacylglycerol Production. <i>Journal of Biological Chemistry</i> , 2007, 282, 826-830.	3.4	145
29	Phosphorylation at Conserved Carboxyl-terminal Hydrophobic Motif Regulates the Catalytic and Regulatory Domains of Protein Kinase C. <i>Journal of Biological Chemistry</i> , 1997, 272, 18382-18390.	3.4	142
30	Regulation of novel protein kinase C $\hat{\mu}$ by phosphorylation. <i>Biochemical Journal</i> , 2002, 363, 537-545.	3.7	139
31	The C1 and C2 Domains of Protein Kinase C Are Independent Membrane Targeting Modules, with Specificity for Phosphatidylserine Conferred by the C1 Domain. <i>Biochemistry</i> , 2000, 39, 11360-11369.	2.5	138
32	Lipid activation of protein kinases. <i>Journal of Lipid Research</i> , 2009, 50, S266-S271.	4.2	138
33	Second Messengers. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a005926.	5.5	138
34	Phosphatidyl-L-serine Is Necessary for Protein Kinase C's High-Affinity Interaction with Diacylglycerol-Containing Membranes. <i>Biochemistry</i> , 1994, 33, 6651-6658.	2.5	133
35	The Turn Motif Is a Phosphorylation Switch That Regulates the Binding of Hsp70 to Protein Kinase C. <i>Journal of Biological Chemistry</i> , 2002, 277, 31585-31592.	3.4	127
36	The Life and Death of Protein Kinase C. <i>Current Drug Targets</i> , 2008, 9, 614-625.	2.1	125

#	ARTICLE	IF	CITATIONS
37	Carboxyl-terminal Phosphorylation Regulates the Function and Subcellular Localization of Protein Kinase C β II. <i>Journal of Biological Chemistry</i> , 1999, 274, 6461-6468.	3.4	120
38	Interaction of protein kinase C with phosphatidylserine. 2. Specificity and regulation. <i>Biochemistry</i> , 1992, 31, 4667-4673.	2.5	117
39	Interaction with AKAP79 Modifies the Cellular Pharmacology of PKC. <i>Molecular Cell</i> , 2010, 37, 541-550.	9.7	117
40	PHLPP-1 Negatively Regulates Akt Activity and Survival in the Heart. <i>Circulation Research</i> , 2010, 107, 476-484.	4.5	115
41	Turning Off AKT: PHLPP as a Drug Target. <i>Annual Review of Pharmacology and Toxicology</i> , 2014, 54, 537-558.	9.4	113
42	Increased Membrane Affinity of the C1 Domain of Protein Kinase C δ Compensates for the Lack of Involvement of Its C2 Domain in Membrane Recruitment. <i>Journal of Biological Chemistry</i> , 2006, 281, 1660-1669.	3.4	112
43	Regulation of novel protein kinase C μ by phosphorylation. <i>Biochemical Journal</i> , 2002, 363, 537.	3.7	111
44	Both Decreased and Increased SRPK1 Levels Promote Cancer by Interfering with PHLPP-Mediated Dephosphorylation of Akt. <i>Molecular Cell</i> , 2014, 54, 378-391.	9.7	105
45	Interaction of protein kinase C with phosphatidylserine. 1. Cooperativity in lipid binding. <i>Biochemistry</i> , 1992, 31, 4661-4667.	2.5	102
46	Spatiotemporal dynamics of lipid signaling: Protein kinase C as a paradigm. <i>IUBMB Life</i> , 2008, 60, 782-789.	3.4	102
47	The Phosphoinositide-dependent Kinase, PDK-1, Phosphorylates Conventional Protein Kinase C Isozymes by a Mechanism That Is Independent of Phosphoinositide 3-Kinase. <i>Journal of Biological Chemistry</i> , 2001, 276, 45289-45297.	3.4	101
48	Suppression of survival signalling pathways by the phosphatase PHLPP. <i>FEBS Journal</i> , 2013, 280, 572-583.	4.7	98
49	The Chaperones Hsp90 and Cdc37 Mediate the Maturation and Stabilization of Protein Kinase C through a Conserved PXXP Motif in the C-terminal Tail*. <i>Journal of Biological Chemistry</i> , 2009, 284, 4921-4935.	3.4	97
50	Apical-basal polarity inhibits epithelial-mesenchymal transition and tumour metastasis by PAR-complex-mediated SNAI1 degradation. <i>Nature Cell Biology</i> , 2019, 21, 359-371.	10.3	97
51	Membrane Binding Kinetics of Protein Kinase C β II Mediated by the C2 Domain. <i>Biochemistry</i> , 2001, 40, 13216-13229.	2.5	96
52	The Carboxyl Terminus of Protein Kinase C Provides a Switch to Regulate Its Interaction with the Phosphoinositide-dependent Kinase, PDK-1. <i>Journal of Biological Chemistry</i> , 2001, 276, 19588-19596.	3.4	93
53	Calcium-dependent Regulation of Protein Kinase D Revealed by a Genetically Encoded Kinase Activity Reporter. <i>Journal of Biological Chemistry</i> , 2007, 282, 6733-6742.	3.4	93
54	Regulation of Protein Kinase C β II by Its C2 Domain. <i>Biochemistry</i> , 1997, 36, 15615-15623.	2.5	92

#	ARTICLE	IF	CITATIONS
55	Dual Role of Pseudosubstrate in the Coordinated Regulation of Protein Kinase C by Phosphorylation and Diacylglycerol. <i>Journal of Biological Chemistry</i> , 2000, 275, 10697-10701.	3.4	88
56	Centrosomal Anchoring of Protein Kinase C β II by Pericentrin Controls Microtubule Organization, Spindle Function, and Cytokinesis. <i>Journal of Biological Chemistry</i> , 2004, 279, 4829-4839.	3.4	86
57	Gain-of-function mutations in protein kinase C δ (PKC δ) may promote synaptic defects in Alzheimer's disease. <i>Science Signaling</i> , 2016, 9, ra47.	3.6	84
58	Protein kinase C as a tumor suppressor. <i>Seminars in Cancer Biology</i> , 2018, 48, 18-26.	9.6	82
59	Reversing the Paradigm: Protein Kinase C as a Tumor Suppressor. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 438-447.	8.7	81
60	Mechanism of A-kinase-anchoring protein 79 (AKAP79) and protein kinase C interaction. <i>Biochemical Journal</i> , 1999, 343, 443-452.	3.7	78
61	Diacylglycerol's affair with protein kinase C turns 25. <i>Trends in Pharmacological Sciences</i> , 2004, 25, 175-177.	8.7	75
62	Discovery of Small Molecule Inhibitors of the PH Domain Leucine-Rich Repeat Protein Phosphatase (PHLPP) by Chemical and Virtual Screening. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 6899-6911.	6.4	75
63	PHLPPing through history: a decade in the life of PHLPP phosphatases. <i>Biochemical Society Transactions</i> , 2016, 44, 1675-1682.	3.4	73
64	Ca ²⁺ Differentially Regulates Conventional Protein Kinase Cs' Membrane Interaction and Activation. <i>Journal of Biological Chemistry</i> , 1997, 272, 25959-25967.	3.4	72
65	Phosphatidylserine affects specificity of protein kinase C substrate phosphorylation and autophosphorylation. <i>Biochemistry</i> , 1990, 29, 6656-6661.	2.5	69
66	Protein kinase C: Ports of anchor in the cell. <i>Current Biology</i> , 1996, 6, 806-809.	3.9	69
67	A Ras activation pathway dependent on Syk phosphorylation of protein kinase C. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 9470-9475.	7.1	68
68	Calcium-Independent Binding to Interfacial Phorbol Esters Causes Protein Kinase C To Associate with Membranes in the Absence of Acidic Lipids. <i>Biochemistry</i> , 1996, 35, 1612-1623.	2.5	66
69	mTORC2 controls the activity of PKC and Akt by phosphorylating a conserved TOR interaction motif. <i>Science Signaling</i> , 2021, 14, .	3.6	64
70	Cutting Edge: PHLPP Regulates the Development, Function, and Molecular Signaling Pathways of Regulatory T Cells. <i>Journal of Immunology</i> , 2011, 186, 5533-5537.	0.8	63
71	Pleckstrin Homology Domain Leucine-rich Repeat Protein Phosphatase (PHLPP): A New Player in Cell Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 3610-3616.	3.4	62
72	Amplitude Control of Protein Kinase C by RINCK, a Novel E3 Ubiquitin Ligase. <i>Journal of Biological Chemistry</i> , 2007, 282, 33776-33787.	3.4	61

#	ARTICLE	IF	CITATIONS
73	Conventional protein kinase C in the brain: 40 years later. <i>Neuronal Signaling</i> , 2017, 1, NS20160005.	3.2	59
74	Protein phosphatase PHLPP1 controls the light-induced resetting of the circadian clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1642-1647.	7.1	58
75	Contribution of the C1A and C1B Domains to the Membrane Interaction of Protein Kinase C α . <i>Biochemistry</i> , 2003, 42, 11194-11202.	2.5	54
76	Intramolecular Conformational Changes Optimize Protein Kinase C Signaling. <i>Chemistry and Biology</i> , 2014, 21, 459-469.	6.0	54
77	Protein Kinase C δ Promotes Cell Migration through a PDZ-Dependent Interaction with its Novel Substrate Discs Large Homolog 1 (DLG1). <i>Journal of Biological Chemistry</i> , 2011, 286, 43559-43568.	3.4	53
78	Cellular Pharmacology of Protein Kinase M η (PKM η) Contrasts with Its in Vitro Profile. <i>Journal of Biological Chemistry</i> , 2012, 287, 12879-12885.	3.4	52
79	Tuning the signalling output of protein kinase C. <i>Biochemical Society Transactions</i> , 2014, 42, 1477-1483.	3.4	51
80	Natural Product Anacardic Acid from Cashew Nut Shells Stimulates Neutrophil Extracellular Trap Production and Bactericidal Activity. <i>Journal of Biological Chemistry</i> , 2016, 291, 13964-13973.	3.4	50
81	Deletion of the PH-domain and Leucine-rich Repeat Protein Phosphatase 1 (Phlpp1) Increases Fibroblast Growth Factor (Fgf) 18 Expression and Promotes Chondrocyte Proliferation. <i>Journal of Biological Chemistry</i> , 2015, 290, 16272-16280.	3.4	49
82	Intramolecular C2 Domain-Mediated Autoinhibition of Protein Kinase C β II. <i>Cell Reports</i> , 2015, 12, 1252-1260.	6.4	47
83	KinView: a visual comparative sequence analysis tool for integrated kinome research. <i>Molecular BioSystems</i> , 2016, 12, 3651-3665.	2.9	47
84	Protein Kinase C δ -specific Activity Reporter Reveals Agonist-evoked Nuclear Activity Controlled by Src Family of Kinases. <i>Journal of Biological Chemistry</i> , 2010, 285, 41896-41910.	3.4	46
85	Pathway Illuminated: Visualizing Protein Kinase C Signaling. <i>IUBMB Life</i> , 2003, 55, 653-660.	3.4	45
86	Lipid Structure and Not Membrane Structure Is the Major Determinant in the Regulation of Protein Kinase C by Phosphatidylserine α . <i>Biochemistry</i> , 1998, 37, 12020-12025.	2.5	44
87	Mislocalization of the E3 Ligase, β -Transducin Repeat-containing Protein 1 (β -TrCP1), in Glioblastoma Uncouples Negative Feedback between the Pleckstrin Homology Domain Leucine-rich Repeat Protein Phosphatase 1 (PHLPP1) and Akt. <i>Journal of Biological Chemistry</i> , 2011, 286, 19777-19788.	3.4	43
88	Protein kinase C mechanisms that contribute to cardiac remodelling. <i>Clinical Science</i> , 2016, 130, 1499-1510.	4.3	43
89	Protein kinase C δ exhibits constitutive phosphorylation and phosphatidylinositol-3,4,5-triphosphate-independent regulation. <i>Biochemical Journal</i> , 2016, 473, 509-523.	3.7	42
90	Protein Kinase C Quality Control by Phosphatase PHLPP1 Unveils Loss-of-Function Mechanism in Cancer. <i>Molecular Cell</i> , 2019, 74, 378-392.e5.	9.7	41

#	ARTICLE	IF	CITATIONS
91	Activation of atypical protein kinase C by sphingosine 1-phosphate revealed by an aPKC-specific activity reporter. <i>Science Signaling</i> , 2019, 12, .	3.6	41
92	Hydrophobic Motif Phosphorylation Is Not Required for Activation Loop Phosphorylation of p70 Ribosomal Protein S6 Kinase 1 (S6K1). <i>Journal of Biological Chemistry</i> , 2011, 286, 23552-23558.	3.4	40
93	Peptidyl-prolyl Isomerase Pin1 Controls Down-regulation of Conventional Protein Kinase C Isozymes. <i>Journal of Biological Chemistry</i> , 2012, 287, 13262-13278.	3.4	40
94	Protein Kinase C δ -mediated Phosphorylation of Connexin43 Gap Junction Channels Causes Movement within Gap Junctions followed by Vesicle Internalization and Protein Degradation. <i>Journal of Biological Chemistry</i> , 2014, 289, 8781-8798.	3.4	40
95	Spatiotemporally Distinct Protein Kinase D Activation in Adult Cardiomyocytes in Response to Phenylephrine and Endothelin. <i>Journal of Biological Chemistry</i> , 2011, 286, 33390-33400.	3.4	38
96	Spatiotemporal Dynamics of Phosphorylation in Lipid Second Messenger Signaling. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 3498-3508.	3.8	38
97	Common Polymorphism in the Phosphatase PHLPP2 Results in Reduced Regulation of Akt and Protein Kinase C. <i>Journal of Biological Chemistry</i> , 2009, 284, 15215-15223.	3.4	36
98	The Protein Scaffold NHERF-1 Controls the Amplitude and Duration of Localized Protein Kinase D Activity. <i>Journal of Biological Chemistry</i> , 2009, 284, 24653-24661.	3.4	36
99	Protein kinase C beta II suppresses colorectal cancer by regulating IGF-1 mediated cell survival. <i>Oncotarget</i> , 2016, 7, 20919-20933.	1.8	36
100	Mechanism of the Apparent Cooperativity in the Interaction of Protein Kinase C with Phosphatidylserine. <i>Biochemistry</i> , 1998, 37, 17271-17279.	2.5	35
101	Protein Kinase C Translocation by Modified Phorbol Esters with Functionalized Lipophilic Regions. <i>Journal of Organic Chemistry</i> , 2003, 68, 5028-5036.	3.2	34
102	Disruption of the Interface between the Pleckstrin Homology (PH) and Kinase Domains of Akt Protein Is Sufficient for Hydrophobic Motif Site Phosphorylation in the Absence of mTORC2. <i>Journal of Biological Chemistry</i> , 2011, 286, 39122-39129.	3.4	34
103	Active Site Inhibitors Protect Protein Kinase C from Dephosphorylation and Stabilize Its Mature Form. <i>Journal of Biological Chemistry</i> , 2011, 286, 28922-28930.	3.4	34
104	Protein Scaffolds Control Localized Protein Kinase C δ Activity. <i>Journal of Biological Chemistry</i> , 2016, 291, 13809-13822.	3.4	34
105	Protein kinase C δ gain-of-function variant in Alzheimer's disease displays enhanced catalysis by a mechanism that evades down-regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5497-E5505.	7.1	34
106	Invariant Leu Preceding Turn Motif Phosphorylation Site Controls the Interaction of Protein Kinase C with Hsp70. <i>Journal of Biological Chemistry</i> , 2006, 281, 32461-32468.	3.4	33
107	Kinetic Analysis of the Interaction of the C1 Domain of Protein Kinase C with Lipid Membranes by Stopped-flow Spectroscopy. <i>Journal of Biological Chemistry</i> , 2008, 283, 7885-7893.	3.4	33
108	Calcium Transduces Plasma Membrane Receptor Signals to Produce Diacylglycerol at Golgi Membranes. <i>Journal of Biological Chemistry</i> , 2010, 285, 22748-22752.	3.4	33

#	ARTICLE	IF	CITATIONS
109	Pleckstrin homology domain leucine-rich repeat protein phosphatases set the amplitude of receptor tyrosine kinase output. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3957-65.	7.1	33
110	Zeta Inhibitory Peptide Disrupts Electrostatic Interactions That Maintain Atypical Protein Kinase C in Its Active Conformation on the Scaffold p62. <i>Journal of Biological Chemistry</i> , 2015, 290, 21845-21856.	3.4	33
111	The PHLPP2 phosphatase is a druggable driver of prostate cancer progression. <i>Journal of Cell Biology</i> , 2019, 218, 1943-1957.	5.2	33
112	Genetic code expansion and live cell imaging reveal that Thr-308 phosphorylation is irreplaceable and sufficient for Akt1 activity. <i>Journal of Biological Chemistry</i> , 2018, 293, 10744-10756.	3.4	31
113	Integrative annotation and knowledge discovery of kinase post-translational modifications and cancer-associated mutations through federated protein ontologies and resources. <i>Scientific Reports</i> , 2018, 8, 6518.	3.3	31
114	Biochemical Characterization of the Phosphatase Domain of the Tumor Suppressor PH Domain Leucine-Rich Repeat Protein Phosphatase. <i>Biochemistry</i> , 2014, 53, 3971-3981.	2.5	30
115	A Putative Phosphatidylserine Binding Motif Is Not Involved in the Lipid Regulation of Protein Kinase C. <i>Journal of Biological Chemistry</i> , 1997, 272, 30787-30792.	3.4	29
116	Electrostatic and Hydrophobic Interactions Differentially Tune Membrane Binding Kinetics of the C2 Domain of Protein Kinase C β . <i>Journal of Biological Chemistry</i> , 2013, 288, 16905-16915.	3.4	23
117	Location-specific inhibition of Akt reveals regulation of mTORC1 activity in the nucleus. <i>Nature Communications</i> , 2020, 11, 6088.	12.8	23
118	Isozyme-specific Interaction of Protein Kinase C β with Mitochondria Dissected Using Live Cell Fluorescence Imaging. <i>Journal of Biological Chemistry</i> , 2012, 287, 37891-37906.	3.4	22
119	PHLPP1 counter-regulates STAT1-mediated inflammatory signaling. <i>ELife</i> , 2019, 8, .	6.0	22
120	Protein kinase C fusion proteins are paradoxically loss of function in cancer. <i>Journal of Biological Chemistry</i> , 2021, 296, 100445.	3.4	20
121	The Ins and Outs of Protein Kinase C. , 2003, 233, 3-8.		19
122	PHLPPing the balance: restoration of protein kinase C in cancer. <i>Biochemical Journal</i> , 2021, 478, 341-355.	3.7	19
123	Spatiotemporal Dynamics of Kinase Signaling Visualized by Targeted Reporters. <i>Current Protocols in Chemical Biology</i> , 2009, 1, 17-28.	1.7	17
124	Analyzing Protein Kinase C Activation. <i>Methods in Enzymology</i> , 2002, 345, 499-506.	1.0	16
125	PHLPPing the Script: Emerging Roles of PHLPP Phosphatases in Cell Signaling. <i>Annual Review of Pharmacology and Toxicology</i> , 2021, 61, 723-743.	9.4	16
126	Diacylglycerol directly stimulates the insulin receptor tyrosine kinase. <i>FEBS Letters</i> , 1996, 380, 58-62.	2.8	15

#	ARTICLE	IF	CITATIONS
127	Protein Kinase D Inhibitors Uncouple Phosphorylation from Activity by Promoting Agonist-Dependent Activation Loop Phosphorylation. <i>Chemistry and Biology</i> , 2015, 22, 98-106.	6.0	15
128	mTOR Regulation of AGC Kinases: New Twist to an Old Tail. <i>Molecular Pharmacology</i> , 2022, 101, 213-218.	2.3	13
129	Conventional protein kinase C in the brain: repurposing cancer drugs for neurodegenerative treatment?. <i>Neuronal Signaling</i> , 2021, 5, NS20210036.	3.2	13
130	Genetically Encoded Fluorescent Reporters to Visualize Protein Kinase C Activation in Live Cells. <i>Methods in Molecular Biology</i> , 2011, 756, 295-310.	0.9	13
131	Protein kinase C: release from quarantine by mTORC2. <i>Trends in Biochemical Sciences</i> , 2022, 47, 518-530.	7.5	11
132	Shedding light on local kinase activation. <i>BMC Biology</i> , 2012, 10, 61.	3.8	10
133	Hypothesis: Unifying model of domain architecture for conventional and novel protein kinase C isozymes. <i>IUBMB Life</i> , 2020, 72, 2584-2590.	3.4	9
134	Protein kinase C. <i>IUBMB Life</i> , 2008, 60, 765-768.	3.4	8
135	Regulation of the Phosphorylation State of Rhodopsin by Dopamine. <i>Journal of Biological Chemistry</i> , 1998, 273, 7181-7184.	3.4	7
136	Two Sides of the Same Coin: Protein Kinase C \hat{I}^3 in Cancer and Neurodegeneration. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	3.7	7
137	PKC \hat{I}^{\pm} Is Recruited to \hat{A} Staphylococcus aureus-Containing Phagosomes and Impairs Bacterial Replication by Inhibition of Autophagy. <i>Frontiers in Immunology</i> , 2021, 12, 662987.	4.8	5
138	Bacterial spore coat protein kinases: A new twist to an old story. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6811-6812.	7.1	4
139	The PHLPP1 N-Terminal Extension Is a Mitotic Cdk1 Substrate and Controls an Interactome Switch. <i>Molecular and Cellular Biology</i> , 2021, 41, .	2.3	4
140	Regulation of Conventional and Novel Protein Kinase C Isozymes by Phosphorylation and Lipids. , 2010, , 9-23.		4
141	Protein Kinase C Family. , 2004, , 523-526.		3
142	Pharmacology on Target. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 227-230.	8.7	2
143	Inhibition of the insulin receptor tyrosine kinase by phosphatidic acid. , 1996, 62, 516-528.		1
144	Chapter 12 Cellular regulation of protein kinase C. <i>Cell and Molecular Response To Stress</i> , 2001, 2, 163-173.	0.4	1

#	ARTICLE	IF	CITATIONS
145	Induced Fit and Wit: Celebrating the Life of Daniel E. Koshland, Jr. (1920-2007). IUBMB Life, 2007, 59, 741-743.	3.4	1
146	Measuring the Interaction of Protein Kinase C with Membranes: An Introduction. , 2003, 233, 89-92.		0
147	Protein Kinase C. , 2010, , 1123-1129.		0
148	PHLPP. , 2010, , 843-848.		0
149	Protein kinases in tune. IUBMB Life, 2019, 71, 670-671.	3.4	0
150	How does the International Union of Biochemistry and Molecular Biology support education and training?. Biochemistry and Molecular Biology Education, 2021, 49, 7-8.	1.2	0
151	Protein Kinase C. , 2021, , 1-4.		0
152	Kinases/Phosphatases Protein Kinase C Family. , 2021, , 373-376.		0
153	Protein Kinase C: Relaying Signals from Lipid Hydrolysis to Protein Phosphorylation. , 2003, , 187-192.		0
154	Protein Kinase C: Relaying Signals from Lipid Hydrolysis to Protein Phosphorylation. , 2003, , 551-556.		0
155	Protein kinase C γ signaling at mitochondria revealed by live cell fluorescence imaging, chemical genetics, and biochemical studies. FASEB Journal, 2010, 24, .	0.5	0
156	Imaging Oscillations of Protein Kinase C Activity in Cells. Neuromethods, 2012, , 251-257.	0.3	0
157	Discrepancies in purified and cellular PKM η inhibition profiles invalidate its proposed role as a mediator of memory. FASEB Journal, 2012, 26, 768.5.	0.5	0
158	Maturation of protein kinase C masks its C1 domains. FASEB Journal, 2012, 26, 839.5.	0.5	0
159	Isozyme-specific interaction of protein kinase C γ with mitochondria dissected using live cell fluorescence imaging. FASEB Journal, 2012, 26, .	0.5	0
160	PH Domain Leucine-Rich Repeat Protein Phosphatase (PHLPP). , 2016, , 1-7.		0
161	Protein Kinase C (Prkc). , 2016, , 1-6.		0
162	Science Signaling Podcast for 10 May 2016: PKC ϵ in Alzheimer's disease. Science Signaling, 2016, 9, pc11.	3.6	0

#	ARTICLE	IF	CITATIONS
163	Protein Kinase C (Prkc). , 2018, , 4216-4222.		0
164	PH Domain Leucine-Rich Repeat Protein Phosphatase (PHLPP). , 2018, , 3918-3924.		0
165	The Protein Phosphatase PHLPP1 Suppresses Insulin Signaling and Inflammation in Mouse Model. FASEB Journal, 2018, 32, 670.55.	0.5	0
166	The tumor suppressor phosphatase PHLPP1 suppresses inflammatory signaling by regulating the phosphorylation state and activity of STAT1. FASEB Journal, 2018, 32, 648.11.	0.5	0
167	CDK1â€dependent Phosphorylation of the Tumor Suppressor Phosphatase, PHLPP1, Regulates the Mitotic PHLPP1 Interactome. FASEB Journal, 2018, 32, 687.2.	0.5	0
168	Cancerâ€Associated Fusions of the Protein Kinase C Kinase Domain are Lossâ€ofâ€Function. FASEB Journal, 2018, 32, 687.6.	0.5	0
169	A Subtle Amino Acid Change Impacts Kinase Function in Dramatically Distinct Ways. FASEB Journal, 2018, 32, 662.3.	0.5	0
170	Atypical Protein Kinase Câ€specific Activity Reporter Reveals Novel Activation Mechanism of Atypical Protein Kinase C by Sphingosine 1â€phosphate. FASEB Journal, 2018, 32, 662.1.	0.5	0
171	Fusion Gene TANC2â€PRKCA Reveals Another Mechanism for Loss of Protein Kinase C Function in Cancer. FASEB Journal, 2019, 33, 815.14.	0.5	0
172	Protein Kinase C. , 2021, , 1293-1295.		0