Peter Joseph Jacques Parker

List of Publications by Year
in descending order

245 papers	27,898 citations	84 h-index	155 g-index
		4960	6836
251 all docs	251 docs citations	251 times ranked	24634 citing authors

#	Article	IF	Citations
1	Equivocal, explicit and emergent actions of PKC isoforms in cancer. Nature Reviews Cancer, 2021, 21, 51-63.	28.4	37
2	ImmunoCluster provides a computational framework for the nonspecialist to profile high-dimensional cytometry data. ELife, 2021, 10, .	6.0	11
3	A genetically-encoded crosslinker screen identifies SERBP1 as a PKCÎµ substrate influencing translation and cell division. Nature Communications, 2021, 12, 6934.	12.8	7
4	The Aurora B specificity switch is required to protect from non-disjunction at the metaphase/anaphase transition. Nature Communications, 2020, 11, 1396.	12.8	12
5	A small molecule inhibitor of HER3: a proof-of-concept study. Biochemical Journal, 2020, 477, 3329-3347.	3.7	9
6	The Rho-family GEF FARP2 is activated by aPKCÎ¹ to control polarity and tight junction formation. Journal of Cell Science, 2019, 132, .	2.0	15
7	A genome-wide RNAi screen identifies the SMC5/6 complex as a non-redundant regulator of a Topo2a-dependent G2 arrest. Nucleic Acids Research, 2019, 47, 2906-2921.	14.5	21
8	Carboplatin in BRCA1/2-mutated and triple-negative breast cancer BRCAness subgroups: the TNT Trial. Nature Medicine, 2018, 24, 628-637.	30.7	649
9	Loss of Protein Kinase Novel 1 (PKN1) is associated with mild systolic and diastolic contractile dysfunction, increased phospholamban Thr17 phosphorylation, and exacerbated ischaemia-reperfusion injury. Cardiovascular Research, 2018, 114, 138-157.	3.8	17
10	PKCÏµ Controls Mitotic Progression by Regulating Centrosome Migration and Mitotic Spindle Assembly. Molecular Cancer Research, 2018, 16, 3-15.	3.4	22
11	Protein kinase N1 critically regulates cerebellar development and long-term function. Journal of Clinical Investigation, 2018, 128, 2076-2088.	8.2	11
12	The architecture of EGFRâ€™s basal complexes reveals autoinhibition mechanisms in dimers and oligomers. Nature Communications, 2018, 9, 4325.	12.8	71
13	Inhibitor-induced HER2-HER3 heterodimerisation promotes proliferation through a novel dimer interface. ELife, 2018, 7, .	6.0	55
14	Protein Kinase C-Î² Dictates B Cell Fate by Regulating Mitochondrial Remodeling, Metabolic Reprogramming, and Heme Biosynthesis. Immunity, 2018, 48, 1144-1159.e5.	14.3	78
15	Cluster Analysis of Endogenous HER2 and HER3 Receptors in SKBR3 Cells. Bio-protocol, 2018, 8, e3096.	0.4	8
16	Time resolved amplified FRET identifies protein kinase B activation state as a marker for poor prognosis in clear cell renal cell carcinoma. BBA Clinical, 2017, 8, 97-102.	4.1	8
17	MET-EGFR dimerization in lung adenocarcinoma is dependent on EGFR mtations and altered by MET kinase inhibition. PLoS ONE, 2017, 12, e0170798.	2.5	23
18	Gene expression modules in primary breast cancers as risk factors for organotropic patterns of first metastatic spread: a case control study. Breast Cancer Research, 2017, 19, 113.	5.0	5

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19	Uncoupling TORC2 from AGC kinases inhibits tumour growth. Oncotarget, 2017, 8, 84685-84696.	1.8	5
20	PKCÉ› switches Aurora B specificity to exit the abscission checkpoint. Nature Communications, 2016, 7, 13853.	12.8	21
21	aPKC Inhibition by Par3 CR3 Flanking Regions Controls Substrate Access and Underpins Apical-Junctional Polarization. Developmental Cell, 2016, 38, 384-398.	7.0	56
22	EGFR oligomerization organizes kinase-active dimers into competent signalling platforms. Nature Communications, 2016, 7, 13307.	12.8	146
23	Beta 1-integrinâ€“c-Met cooperation reveals an inside-in survival signalling on autophagy-related endomembranes. Nature Communications, 2016, 7, 11942.	12.8	84
24	Knockout of the PKN Family of Rho Effector Kinases Reveals a Non-redundant Role for PKN2 in Developmental Mesoderm Expansion. Cell Reports, 2016, 14, 440-448.	6.4	40
25	Phase II Randomized Preoperative Window-of-Opportunity Study of the PI3K Inhibitor Pictilisib Plus Anastrozole Compared With Anastrozole Alone in Patients With Estrogen Receptorâ€“Positive Breast Cancer. Journal of Clinical Oncology, 2016, 34, 1987-1994.	1.6	84
26	PP2A binds the LIM-domains of Lipoma Preferred Partner via its PR130/Bâ€•subunit to regulate cell adhesion and migration. Journal of Cell Science, 2016, 129, 1605-18.	2.0	23
27	Effect of Phosphorylation on EGFR Dimer Stability Probed by Single-Molecule Dynamics and FRET/FLIM. Biophysical Journal, 2015, 108, 1013-1026.	0.5	45
28	The sorting protein PACS-2 promotes ErbB signalling by regulating recycling of the metalloproteinase ADAM17. Nature Communications, 2015, 6, 7518.	12.8	41
29	Functional proteomic biomarkers in cancer. Annals of the New York Academy of Sciences, 2015, 1346, 1-6.	3.8	1
30	The PKC/NF-ÎºB Signaling Pathway Induces APOBEC3B Expression in Multiple Human Cancers. Cancer Research, 2015, 75, 4538-4547.	0.9	116
31	TSPO interacts with VDAC1 and triggers a ROS-mediated inhibition of mitochondrial quality control. Autophagy, 2014, 10, 2279-2296.	9.1	174
32	Functional implications of assigned, assumed and assembled PKC structures. Biochemical Society Transactions, 2014, 42, 35-41.	3.4	4
33	The ErbB4 CYT2 variant protects EGFR from ligand-induced degradation to enhance cancer cell motility. Science Signaling, 2014, 7, ra78.	3.6	34
34	Mitotic catenation is monitored and resolved by a PKCÎµ-regulated pathway. Nature Communications, 2014, 5, 5685.	12.8	21
35	High-Throughput Time-Resolved FRET Reveals Akt/PKB Activation as a Poor Prognostic Marker in Breast Cancer. Cancer Research, 2014, 74, 4983-4995.	0.9	24
36	Chromosomal Instability Selects Gene Copy-Number Variants Encoding Core Regulators of Proliferation in ER+ Breast Cancer. Cancer Research, 2014, 74, 4853-4863.	0.9	66

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37	Regulation of polarized morphogenesis by protein kinase C iota in oncogenic epithelial spheroids. Carcinogenesis, 2014, 35, 396-406.	2.8	23
38	Control of MT1-MMP transport by atypical PKC during breast-cancer progression. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1872-9.	7.1	76
39	Receptor tyrosine kinase c-Met controls the cytoskeleton from different endosomes via different pathways. Nature Communications, 2014, 5, 3907.	12.8	79
40	Acute regulation of PDK1 by a complex interplay of molecular switches. Biochemical Society Transactions, 2014, 42, 1435-1440.	3.4	26
41	Atypical Protein Kinase CÎ¹ as a human oncogene and therapeutic target. Biochemical Pharmacology, 2014, 88, 1-11.	4.4	88
42	Regulation of the cytokinesis cleavage furrow by PKCÎµ. Biochemical Society Transactions, 2014, 42, 1534-1537.	3.4	5
43	A role for the pseudokinase HER3 in the acquired resistance against EGFR- and HER2-directed targeted therapy. Biochemical Society Transactions, 2014, 42, 831-836.	3.4	24
44	Localised interventions in cellular processes. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 1364-1370.	2.3	1
45	14-3-3 Proteins Interact with a Hybrid Prenyl-Phosphorylation Motif to Inhibit G Proteins. Cell, 2013, 153, 640-653.	28.9	93
46	ERK2 but not ERK1 mediates HGF-induced motility in non small cell lung carcinoma cell lines. Journal of Cell Science, 2013, 126, 2381-91.	2.0	38
47	Adenosine-binding motif mimicry and cellular effects of a thieno[2,3-d]pyrimidine-based chemical inhibitor of atypical protein kinase C isoenzymes. Biochemical Journal, 2013, 451, 329-342.	3.7	51
48	A Cancer-Associated Mutation in Atypical Protein Kinase CÎ¹ Occurs in a Substrate-Specific Recruitment Motif. Science Signaling, 2013, 6, ra82.	3.6	25
49	Pseudokinase drug intervention: a potentially poisoned chalice. Biochemical Society Transactions, 2013, 41, 1083-1088.	3.4	12
50	Binding of Dynein Intermediate Chain 2 to Paxillin controls Focal adhesion dynamics and migration.. Journal of Cell Science, 2012, 125, 3733-8.	2.0	18
51	Anomalous inhibition of câ€Met by the kinesin inhibitor aurintricarboxylic acid. International Journal of Cancer, 2012, 130, 1060-1070.	5.1	4
52	A first step towards practical single cell proteomics: a microfluidic antibody capture chip with TIRF detection. Lab on A Chip, 2011, 11, 1256.	6.0	105
53	PKCÎ± and PKCÎ´ Regulate ADAM17-Mediated Ectodomain Shedding of Heparin Binding-EGF through Separate Pathways. PLoS ONE, 2011, 6, e17168.	2.5	53
54	Properties of a Resiniferatoxin-stimulated, Calcium Inhibited but Phosphatidylserine-dependent Kinase, which is Distinct from Protein Kinase C Isotypes Î±, Î²1Î³, Î´, Îµ and Î·. Journal of Pharmacy and Pharmacology, 2011, 47, 297-306.	2.4	2

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55	Site recognition and substrate screens for PKN family proteins. Biochemical Journal, 2011, 438, 535-543.	3.7	20
56	mTORC2 targets AGC kinases through Sin1-dependent recruitment. Biochemical Journal, 2011, 439, 287-297.	3.7	74
57	The tumor suppressor RASSF1A is a novel effector of small G protein Rap1A. Protein and Cell, 2011, 2, 237-249.	11.0	9
58	Human Epidermal Growth Factor Receptor (EGFR) Aligned on the Plasma Membrane Adopts Key Features of Drosophila EGFR Asymmetry. Molecular and Cellular Biology, 2011, 31, 2241-2252.	2.3	37
59	A Targeted siRNA Screen Identifies Regulators of Cdc42 Activity at the Natural Killer Cell Immunological Synapse. Science Signaling, 2011, 4, ra81.	3.6	46
60	Regulatory Domain Selectivity in the Cell-Type Specific PKN-Dependence of Cell Migration. PLoS ONE, 2011, 6, e21732.	2.5	69
61	Regulation of the tumour suppressor Fbw7Î± by PKC-dependent phosphorylation and cancer-associated mutations. Biochemical Journal, 2010, 432, 77-87.	3.7	21
62	Protein kinase C â€“ A family of protein kinases, allosteric effectors or both?. Advances in Enzyme Regulation, 2010, 50, 169-177.	2.6	11
63	PKC and the control of localized signal dynamics. Nature Reviews Molecular Cell Biology, 2010, 11, 103-112.	37.0	407
64	The Late Endosome is Essential for mTORC1 Signaling. Molecular Biology of the Cell, 2010, 21, 833-841.	2.1	151
65	Protein phosphatase 2A PR130/Bâ€Î±:1 subunit binds to the SH2 domainâ€containing inositol polyphosphate 5â€phosphatase 2 and prevents epidermal growth factor (EGF)â€induced EGF receptor degradation sustaining EGFâ€mediated signaling. FASEB Journal, 2010, 24, 538-547.	0.5	45
66	Manipulating signal delivery â€“ plasma-membrane ERK activation in aPKC-dependent migration. Journal of Cell Science, 2010, 123, 2725-2732.	2.0	22
67	HER2 Phosphorylation Is Maintained by a PKB Negative Feedback Loop in Response to Anti-HER2 Herceptin in Breast Cancer. PLoS Biology, 2010, 8, e1000563.	5.6	116
68	Ceramide Kinase Profiling by Mass Spectrometry Reveals a Conserved Phosphorylation Pattern Downstream of the Catalytic Site. Journal of Proteome Research, 2010, 9, 420-429.	3.7	14
69	PKCÉ› Regulation of an Î± ‹sub›5‹/sub› Integrinâ€“ZO-1 Complex Controls Lamellae Formation in Migrating Cancer Cells. Science Signaling, 2009, 2, ra32.	3.6	71
70	Protein kinase C epsilon in cell division: Control of abscission. Cell Cycle, 2009, 8, 549-555.	2.6	16
71	Role of a Novel PH-Kinase Domain Interface in PKB/Akt Regulation: Structural Mechanism for Allosteric Inhibition. PLoS Biology, 2009, 7, e1000017.	5.6	220
72	An aPKC-Exocyst Complex Controls Paxillin Phosphorylation and Migration through Localised JNK1 Activation. PLoS Biology, 2009, 7, e1000235.	5.6	93

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73	Protein kinase C interventionâ€"the state of play. Current Opinion in Cell Biology, 2009, 21, 268-279.	5.4	88
74	Recognition of an intraâ€chain tandem 14â€3â€3 binding site within PKCÎµ. EMBO Reports, 2009, 10, 983-989.	4.5	86
75	PKC maturation is promoted by nucleotide pocket occupation independently of intrinsic kinase activity. Nature Structural and Molecular Biology, 2009, 16, 624-630.	8.2	125
76	A Highâ€Content, Cellâ€Based Screen Identifies Micropolyin, A New Inhibitor of Microtubule Dynamics. Chemical Biology and Drug Design, 2009, 73, 599-610.	3.2	12
77	PKC alpha protein but not kinase activity is critical for glioma cell proliferation and survival. International Journal of Cancer, 2008, 123, 769-779.	5.1	57
78	The regulated assembly of a PKCÉ› complex controls the completion of cytokinesis. Nature Cell Biology, 2008, 10, 891-901.	10.3	113
79	A selective PIKfyve inhibitor blocks PtdIns(3,5)P₂ production and disrupts endomembrane transport and retroviral budding. EMBO Reports, 2008, 9, 164-170.	4.5	251
80	The tumour suppressor RASSF1A is a novel substrate of PKC. FEBS Letters, 2008, 582, 2270-2276.	2.8	19
81	The Scaffold MyD88 Acts to Couple Protein Kinase CÏµ to Toll-like Receptors. Journal of Biological Chemistry, 2008, 283, 18591-18600.	3.4	46
82	Receptor trafficking controls weak signal delivery: a strategy used by c-Met for STAT3 nuclear accumulation. Journal of Cell Biology, 2008, 182, 855-863.	5.2	155
83	PIKfyve Negatively Regulates Exocytosis in Neurosecretory Cells. Journal of Biological Chemistry, 2008, 283, 2804-2813.	3.4	51
84	The identification and characterization of novel PKCÏµ phosphorylation sites provide evidence for functional cross-talk within the PKC superfamily. Biochemical Journal, 2008, 411, 319-331.	3.7	35
85	HER2 Oncogenic Function Escapes EGFR Tyrosine Kinase Inhibitors via Activation of Alternative HER Receptors in Breast Cancer Cells. PLoS ONE, 2008, 3, e2881.	2.5	65
86	Intramolecular and Intermolecular Interactions of Protein Kinase B Define Its Activation In Vivo. PLoS Biology, 2007, 5, e95.	5.6	254
87	Pharmacologic Characterization of a Potent Inhibitor of Class I Phosphatidylinositide 3-Kinases. Cancer Research, 2007, 67, 5840-5850.	0.9	337
88	PKCÎ¶II is a target for degradation through the tumour suppressor protein pVHL. FEBS Letters, 2007, 581, 1397-1402.	2.8	10
89	Synthesis and biological evaluation of imidazo[1,2-a]pyridine derivatives as novel PI3 kinase p110Î± inhibitors. Bioorganic and Medicinal Chemistry, 2007, 15, 403-412.	3.0	120
90	Synthesis and biological evaluation of sulfonylhydrazone-substituted imidazo[1,2-a]pyridines as novel PI3 kinase p110Î± inhibitors. Bioorganic and Medicinal Chemistry, 2007, 15, 5837-5844.	3.0	112

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91	Synthesis and biological evaluation of pyrido[3â€²,2â€²:4,5]furo[3,2-d]pyrimidine derivatives as novel PI3 kinase p110Î± inhibitors. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2438-2442.	2.2	127
92	Differential activation of the PI 3-kinase effectors AKT/PKB and p70 S6 kinase by compound 48/80 is mediated by PKCÎ±. Cellular Signalling, 2007, 19, 321-329.	3.6	14
93	BK-induced COX-2 expression via PKC-Î´-dependent activation of p42/p44 MAPK and NF-ÎºB in astrocytes. Cellular Signalling, 2007, 19, 330-340.	3.6	70
94	Novel phosphorylation site markers of protein kinase C delta activation. FEBS Letters, 2007, 581, 3377-3381.	2.8	34
95	PKCÎ± reduces the lipid kinase activity of the p110Î±/p85Î± PI3K through the phosphorylation of the catalytic subunit. Biochemical and Biophysical Research Communications, 2006, 339, 122-125.	2.1	16
96	The von Hippelâ€“Lindau tumour-suppressor protein interaction with protein kinase CÎ´. Biochemical Journal, 2006, 397, 109-120.	3.7	19
97	Altered cleavage and localization of PINK1 to aggresomes in the presence of proteasomal stress. Journal of Neurochemistry, 2006, 98, 156-169.	3.9	146
98	FGF-2 protects small cell lung cancer cells from apoptosis through a complex involving PKCÉ›, B-Raf and S6K2. EMBO Journal, 2006, 25, 3078-3088.	7.8	173
99	Synthesis and biological evaluation of 4-morpholino-2-phenylquinazolines and related derivatives as novel PI3 kinase p110Î± inhibitors. Bioorganic and Medicinal Chemistry, 2006, 14, 6847-6858.	3.0	189
100	BK-induced cytosolic phospholipase A2expression via sequential PKC-Î´, p42/p44 MAPK, and NF-ÎºB activation in rat brain astrocytes. Journal of Cellular Physiology, 2006, 206, 246-254.	4.1	50
101	Fab1p and AP-1 are required for trafficking of endogenously ubiquitylated cargoes to the vacuole lumen in S. cerevisiae. Journal of Cell Science, 2006, 119, 4225-4234.	2.0	20
102	Prognostic Value of an Activation State Marker for Epidermal Growth Factor Receptor in Tissue Microarrays of Head and Neck Cancer. Cancer Research, 2006, 66, 2834-2843.	0.9	57
103	PKCÉ›-mediated phosphorylation of vimentin controls integrin recycling and motility. EMBO Journal, 2005, 24, 3834-3845.	7.8	231
104	Phosphatidylinositol 3-Kinase C2Î± Is Essential for ATP-dependent Priming of Neurosecretory Granule Exocytosis. Molecular Biology of the Cell, 2005, 16, 4841-4851.	2.1	106
105	Comparison of the ATP Binding Sites of Protein Kinases Using Conformationally Diverse Bisindolylmaleimides. Journal of the American Chemical Society, 2005, 127, 11699-11708.	13.7	31
106	Regulation of ADAM12 Cell-surface Expression by Protein Kinase C Ïµ. Journal of Biological Chemistry, 2004, 279, 51601-51611.	3.4	59
107	PtdIns-specific MPR Pathway Association of a Novel WD40 Repeat Protein, WIPI49. Molecular Biology of the Cell, 2004, 15, 2652-2663.	2.1	118
108	PKC at a glance. Journal of Cell Science, 2004, 117, 131-132.	2.0	328

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109	Identification of PKCÎ¶II: an endogenous inhibitor of cell polarity. EMBO Journal, 2004, 23, 77-88.	7.8	25
110	Svp1p defines a family of phosphatidylinositol 3,5-bisphosphate effectors. EMBO Journal, 2004, 23, 1922-1933.	7.8	302
111	PKC controls HGF-dependent c-Met traffic, signalling and cell migration. EMBO Journal, 2004, 23, 3721-3734.	7.8	141
112	PKCÎµ is a permissive link in integrin-dependent IFN-Î³ signalling that facilitates JAK phosphorylation of STAT1. Nature Cell Biology, 2003, 5, 363-369.	10.3	65
113	Nucleotide Binding by the MDM2 RING Domain Facilitates Arf-Independent MDM2 Nucleolar Localization. Molecular Cell, 2003, 12, 875-887.	9.7	60
114	Integrin-specific signaling pathways controlling focal adhesion formation and cell migration. Journal of Cell Biology, 2003, 161, 155-167.	5.2	181
115	Protein Kinase C Controls Microtubule-based Traffic but Not Proteasomal Degradation of c-Met. Journal of Biological Chemistry, 2003, 278, 28921-28929.	3.4	56
116	Molecular Dissection of the Interaction between the Small G Proteins Rac1 and RhoA and Protein Kinase C-related Kinase 1 (PRK1). Journal of Biological Chemistry, 2003, 278, 50578-50587.	3.4	49
117	Protein Kinase C Phosphorylates Ribosomal Protein S6 Kinase Î²II and Regulates Its Subcellular Localization. Molecular and Cellular Biology, 2003, 23, 852-863.	2.3	65
118	Potentiation of Protein Kinase C Î¶ Activity by 15-Deoxy-Î” 12,14 -Prostaglandin J 2 Induces an Imbalance between Mitogen-Activated Protein Kinases and NF-ÎºB That Promotes Apoptosis in Macrophages. Molecular and Cellular Biology, 2003, 23, 1196-1208.	2.3	45
119	Hyperosmotic-induced Protein Kinase N 1 Activation in a Vesicular Compartment Is Dependent upon Rac1 and 3-Phosphoinositide-dependent Kinase 1. Journal of Biological Chemistry, 2003, 278, 32344-32351.	3.4	35
120	Emerging and diverse roles of protein kinase C in immune cell signalling. Biochemical Journal, 2003, 376, 545-552.	3.7	230
121	Protein Kinase C Protein Interactions. , 2003, , 389-395.		0
122	Site-Directed Perturbation of Protein Kinase C- Integrin Interaction Blocks Carcinoma Cell Chemotaxis. Molecular and Cellular Biology, 2002, 22, 5897-5911.	2.3	103
123	Detecting Protein-Phospholipid Interactions. Journal of Biological Chemistry, 2002, 277, 22974-22979.	3.4	22
124	Phosphorylation is required for PMA- and cell-cycle-induced degradation of protein kinase CÎ´. Biochemical Journal, 2002, 368, 349-355.	3.7	43
125	Calmodulin controls organization of the actin cytoskeleton via regulation of phosphatidylinositol (4,5)-bisphosphate synthesis in Saccharomyces cerevisiae. Biochemical Journal, 2002, 366, 945-951.	3.7	43
126	Dephosphorylation of PKCÎ´ by protein phosphatase 2Ac and its inhibition by nucleotides. FEBS Letters, 2002, 516, 265-269.	2.8	39

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127	Tumour necrosis factor-Î± mediates tumour promotion via a PKCÎ±- and AP-1-dependent pathway. Oncogene, 2002, 21, 4728-4738.	5.9	157
128	PKCepsilon controls the traffic of beta1 integrins in motile cells. EMBO Journal, 2002, 21, 3608-3619.	7.8	133
129	Synthesis and Function of 3-Phosphorylated Inositol Lipids. Annual Review of Biochemistry, 2001, 70, 535-602.	11.1	1,457
130	Endosomal localization of phospholipase D 1a and 1b is defined by the C-termini of the proteins, and is independent of activity. Biochemical Journal, 2001, 356, 727.	3.7	23
131	Protein Kinase CÏµ Is Required for Macrophage Activation and Defense Against Bacterial Infection. Journal of Experimental Medicine, 2001, 194, 1231-1242.	8.5	226
132	Sac phosphatase domain proteins. Biochemical Journal, 2000, 350, 337.	3.7	43
133	Î²1-Integrin and PTEN control the phosphorylation of protein kinase C. Biochemical Journal, 2000, 352, 425.	3.7	13
134	Protein kinase C binding partners. BioEssays, 2000, 22, 245-254.	2.5	244
135	Multiple pathways control protein kinase C phosphorylation. EMBO Journal, 2000, 19, 496-503.	7.8	556
136	SAC1 Encodes a Regulated Lipid Phosphoinositide Phosphatase, Defects in Which Can Be Suppressed by the Homologous Inp52p and Inp53p Phosphatases. Journal of Biological Chemistry, 2000, 275, 801-808.	3.4	108
137	Rho GTPase Control of Protein Kinase C-related Protein Kinase Activation by 3-Phosphoinositide-dependent Protein Kinase. Journal of Biological Chemistry, 2000, 275, 11064-11070.	3.4	104
138	Mammalian TOR Controls One of Two Kinase Pathways Acting upon nPKCÎ´ and nPKCÎµ. Journal of Biological Chemistry, 1999, 274, 34758-34764.	3.4	171
139	Complementation Analysis in PtdInsPKinase-deficient Yeast Mutants Demonstrates ThatSchizosaccharomyces pombe and Murine Fab1p Homologues Are Phosphatidylinositol 3-Phosphate 5-Kinases. Journal of Biological Chemistry, 1999, 274, 33905-33912.	3.4	100
140	PKCÎ± regulates Î²1 integrin-dependent cell motility through association and control of integrin traffic. EMBO Journal, 1999, 18, 3909-3923.	7.8	310
141	Inhibition of Protein Kinase Câ€"Do We, Can We, and Should We?. , 1999, 82, 263-267.		37
142	Regulation of epidermal growth factor receptor traffic by the small GTPase RhoB. Current Biology, 1999, 9, 955-958.	3.9	191
143	Specific Involvement of PKC-Îµ in Sensitization of the Neuronal Response to Painful Heat. Neuron, 1999, 23, 617-624.	8.1	389
144	Imaging Protein Kinase CÎ± Activation in Cells. Science, 1999, 283, 2085-2089.	12.6	306

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145	Multisite dephosphorylation and desensitization of conventional protein kinase C isotypes. Biochemical Journal, 1999, 342, 337-344.	3.7	131
146	Characterization and partial purification of a novel neutrophil membrane-associated kinase capable of phosphorylating the respiratory burst component p47phox. Biochemical Journal, 1999, 338, 359.	3.7	6
147	Multisite dephosphorylation and desensitization of conventional protein kinase C isotypes. Biochemical Journal, 1999, 342, 337.	3.7	46
148	Domain Swapping Used To Investigate the Mechanism of Protein Kinase B Regulation by 3-Phosphoinositide-Dependent Protein Kinase 1 and Ser473 Kinase. Molecular and Cellular Biology, 1999, 19, 5061-5072.	2.3	108
149	Preliminary X-ray analysis of a C2-like domain from protein kinase C-Î´. Acta Crystallographica Section D: Biological Crystallography, 1998, 54, 693-696.	2.5	4
150	Identification and characterisation of a novel splice variant of synaptojanin1. FEBS Letters, 1998, 432, 5-8.	2.8	7
151	The SH2 domain containing inositol 5-phosphatase SHIP2 displays phosphatidylinositol 3,4,5-trisphosphate and inositol 1,3,4,5-tetrakisphosphate 5-phosphatase activity. FEBS Letters, 1998, 437, 301-303.	2.8	102
152	Protein Kinase C Isotypes Controlled by Phosphoinositide 3-Kinase Through the Protein Kinase PDK1. , 1998, 281, 2042-2045.		992
153	Multiple Interactions of PRK1 with RhoA. Journal of Biological Chemistry, 1998, 273, 2698-2705.	3.4	98
154	MSS4, a Phosphatidylinositol-4-phosphate 5-Kinase Required for Organization of the Actin Cytoskeleton in Saccharomyces cerevisiae. Journal of Biological Chemistry, 1998, 273, 15787-15793.	3.4	207
155	PRK1 Is Targeted to Endosomes by the Small GTPase, RhoB. Journal of Biological Chemistry, 1998, 273, 4811-4814.	3.4	106
156	The extended protein kinase C superfamily. Biochemical Journal, 1998, 332, 281-292.	3.7	1,452
157	Activation of the Mitogen-Activated Protein Kinase/Extracellular Signal-Regulated Kinase Pathway by Conventional, Novel, and Atypical Protein Kinase C Isotypes. Molecular and Cellular Biology, 1998, 18, 790-798.	2.3	718
158	The broad specificity of dominant inhibitory protein kinase C mutants infers a common step in phosphorylation. Biochemical Journal, 1998, 333, 631-636.	3.7	73
159	Synaptojanin Is the Major Constitutively Active Phosphatidylinositol-3,4,5-trisphosphate 5-Phosphatase in Rodent Brain. Journal of Biological Chemistry, 1997, 272, 9625-9628.	3.4	79
160	Phosphorylation of Protein Kinase C-Î± on Serine 657 Controls the Accumulation of Active Enzyme and Contributes to Its Phosphatase-resistant State. Journal of Biological Chemistry, 1997, 272, 3544-3549.	3.4	182
161	Tyrosine Phosphorylation and Relocation of SHIP Are Integrin-mediated in Thrombin-stimulated Human Blood Platelets. Journal of Biological Chemistry, 1997, 272, 26857-26863.	3.4	88
162	Specific Proteolysis of the Kinase Protein Kinase C-related Kinase 2 by Caspase-3 during Apoptosis. Journal of Biological Chemistry, 1997, 272, 29449-29453.	3.4	93

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163	Regulated Binding of the Protein Kinase C Substrate GAP-43 to the V0/C2 Region of Protein Kinase C-Î´. Journal of Biological Chemistry, 1997, 272, 12747-12753.	3.4	73
164	Osmotic stress activates phosphatidylinositol-3,5-bisphosphate synthesis. Nature, 1997, 390, 187-192.	27.8	440
165	Inositol lipid 5-phosphatases-traffic signals and signal traffic. Trends in Biochemical Sciences, 1997, 22, 427-431.	7.5	82
166	Induction and Phosphorylation of Protein Kinase C-Î± and Mitogen-Activated Protein Kinase by Hypoxia and by Radiation in Chinese Hamster V79 Cells. Radiation Research, 1996, 145, 128.	1.5	26
167	PRK1 phosphorylates MARCKS at the PKC sites: serine 152, serine 156 and serine 163. FEBS Letters, 1996, 378, 281-285.	2.8	23
168	p42 MAPK phosphorylates 80 kDa MARCKS at Serâ€¦13. FEBS Letters, 1996, 395, 1-5.	2.8	23
169	Cloning and Expression of a Human Placenta Inositol 1,3,4,5-tetrakisphosphate and Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase. Biochemical and Biophysical Research Communications, 1996, 225, 243-249.	2.1	52
170	Phosphorylation of GAP-43 (growth-associated protein of 43 kDa) by conventional, novel and atypical isotypes of the protein kinase C gene family: differences between oligopeptide and polypeptide phosphorylation. Biochemical Journal, 1996, 317, 219-224.	3.7	37
171	Phosphorylation of threonine 638 critically controls the dephosphorylation and inactivation of protein kinase CÎ±. Current Biology, 1996, 6, 1114-1123.	3.9	172
172	Up-Regulation of Protein Kinase C-Ïµ Promotes the Expression of Cytokine-inducible Nitric Oxide Synthase in RAW 264.7 Cells. Journal of Biological Chemistry, 1996, 271, 32028-32033.	3.4	67
173	Identification of Protein Kinase C Isoforms in Rat Mesenteric Small Arteries and Their Possible Role in Agonist-Induced Contraction. Circulation Research, 1996, 78, 806-812.	4.5	74
174	Intracellular Signalling: PI 3-kinase puts GTP on the Rac. Current Biology, 1995, 5, 577-579.	3.9	56
175	Selective Inhibition of p70 S6 Kinase Activation by Phosphatidylinositol 3-Kinase Inhibitors. FEBS Journal, 1995, 230, 431-438.	0.2	48
176	The Myristoylated Alanine-Rich C-Kinase Substrate (MARCKS) is Sequentially Phosphorylated by Conventional, Novel and Atypical Isotypes of Protein Kinase C. FEBS Journal, 1995, 233, 448-457.	0.2	81
177	Cloning and Expression Patterns of two Members of A Novel Protein-kinase-C-related Kinase Family. FEBS Journal, 1995, 227, 344-351.	0.2	131
178	Autoregulation of Cloned Human Protein Kinase C Î² and Î³ Gene Promoters in U937 Cells. DNA and Cell Biology, 1995, 14, 213-222.	1.9	20
179	Purification and Biochemical Characterization of a Mammalian Phosphatidylinositol 3,4,5-Trisphosphate 5-Phosphatase. Journal of Biological Chemistry, 1995, 270, 31001-31007.	3.4	37
180	Protein Kinase C (PKC)-induced PKC Down-regulation. Journal of Biological Chemistry, 1995, 270, 2669-2673.	3.4	49

#	Article	IF	Citations
181	Two Closely Related Isoforms of Protein Kinase C Produce Reciprocal Effects on the Growth of Rat Fibroblasts. Journal of Biological Chemistry, 1995, 270, 78-86.	3.4	95
182	Activation of PRK1 by Phosphatidylinositol 4,5-Bisphosphate and Phosphatidylinositol 3,4,5-Trisphosphate. Journal of Biological Chemistry, 1995, 270, 22412-22416.	3.4	125
183	Modulation of the Substrate Specificity of the Mammalian Phosphatidylinositol 3-Kinase by Cholesterol Sulfate and Sulfatide. Biochemistry, 1995, 34, 11489-11493.	2.5	24
184	The protein kinase C and protein kinase C related gene families. Current Opinion in Structural Biology, 1995, 5, 396-402.	5.7	117
185	Analysis of the Role of Protein Kinase C-Î±, -Îµ, and -Î¶ in T Cell Activation. Journal of Biological Chemistry, 1995, 270, 9833-9839.	3.4	183
186	12-Deoxyphorbol-13-O-phenylacetate-20-acetate is not protein kinase C-Î² isozyme-selective in vivo. Carcinogenesis, 1994, 15, 319-324.	2.8	21
187	The activation of phosphatidylinositol 3-kinase by Ras. Current Biology, 1994, 4, 798-806.	3.9	303
188	Mammalian phosphatidylinositol 3'-kinase induces a lethal phenotype on expression in Schizosaccharomyces pombe; comparison with the VPS34 gene product. FEBS Journal, 1994, 219, 775-780.	0.2	21
189	Protein kinase C V3 domain mutants with differential sensitivities to m-calpain are not resistant to phorbol-ester-induced down-regulation. FEBS Journal, 1994, 223, 259-263.	0.2	27
190	Phospholipase-D activation can be negatively regulated through the action of protein kinase C. Biochimica Et Biophysica Acta - Molecular Cell Research, 1994, 1222, 109-112.	4.1	9
191	Protein kinase C - a question of specificity. Trends in Biochemical Sciences, 1994, 19, 73-77.	7.5	930
192	Classical, novel and atypical isoforms of PKC stimulate ANF- and TRE/AP-1-regulated-promoter activity in ventricular cardiomyocytes. FEBS Letters, 1994, 356, 275-278.	2.8	70
193	A phorbol ester-responsive PKC-Î¶ generated by fusion with the regulatory domain of PKC-Î´. FEBS Letters, 1994, 340, 145-150.	2.8	17
194	A comparison of demethoxyviridin and wortmannin as inhibitors of phosphatidylinositol 3-kinase. FEBS Letters, 1994, 342, 109-114.	2.8	108
195	PH domains and phospholipases â€" a meaningful relationship?. Trends in Biochemical Sciences, 1994, 19, 54-55.	7.5	74
196	Glial-derived S100b protein selectively inhibits recombinant Î² protein kinase C (PKC) phosphorylation of neuron-specific protein F1/GAP43. Molecular Brain Research, 1994, 21, 62-66.	2.3	59
197	Differential Expression and Subcellular Localization of Protein Kinase C ?, ?, ?, ?, and ? Isoforms in SH-SY5Y Neuroblastoma Cells: Modifications During Differentiation. Journal of Neurochemistry, 1993, 60, 289-298.	3.9	74
198	Mutational analysis of phospholipase C-beta2. Identification of regions required for membrane association and stimulation by guanine-nucleotide-binding protein betagamma subunits. FEBS Journal, 1993, 217, 1109-1115.	0.2	31

#	Article	IF	Citations
199	Altered substrate selectivity of PKC-Î· pseudosubstrate site mutants. FEBS Letters, 1993, 329, 129-133.	2.8	21
200	Antibodies to fluorylsulfonylbenzoyladenosine permit identification of protein kinases. FEBS Letters, 1993, 334, 347-350.	2.8	14
201	Activation of phosphatidylinositol lipid-specific phospholipase C-Î²3by G-protein Î²Î³ subunits. FEBS Letters, 1993, 315, 340-342.	2.8	77
202	Diabetes induces selective alterations in the expression of protein kinase C isoforms in hepatocytes. FEBS Letters, 1993, 326, 117-123.	2.8	53
203	Selective redistribution of protein kinase C isozymes by thapsigargin and staurosporine. Carcinogenesis, 1992, 13, 1997-2001.	2.8	33
204	Protein kinase C. Biochemical Society Transactions, 1992, 20, 415-418.	3.4	19
205	Phosphatidylinositol 3-kinase: Structure and expression of the 110 kd catalytic subunit. Cell, 1992, 70, 419-429.	28.9	698
206	Characterization and differential expression of protein kinase C isoforms in PC12 cells Differentiation parallels an increase in PKC beta11. FEBS Letters, 1992, 298, 74-78.	2.8	54
207	Intracellular delivery of protein kinase C-Î± or Îµ isoform-specific antibodies promotes acquisition of a morphologically differentiated phenotype in neuroblastoma cells. FEBS Letters, 1992, 297, 91-94.	2.8	43
208	Biochemical properties of rat protein kinase C-Î· expressed in COS cells. FEBS Letters, 1992, 312, 195-199.	2.8	39
209	Expression, purification and characterisation of a functional phosphatidylinositol-specific phospholipase C-delta1 protein in Escherichia coli. FEBS Journal, 1992, 210, 155-160.	0.2	8
210	Identification, purification and characterization of a novel phosphatidylinositol-specific phospholipase C, a third member of the beta subfamily. FEBS Journal, 1992, 210, 521-529.	0.2	31
211	Identification of multiple PKC isoforms in Swiss 3T3 cells: Differential down-regulation by phorbol ester. Journal of Cellular Physiology, 1992, 152, 240-244.	4.1	94
212	Protein kinase C. , 1991, 51, 71-95.		555
213	Phorbol ester activation of the isotypes of protein kinase C from bovine and rat brain. Biochemical Society Transactions, 1991, 19, 397-402.	3.4	38
214	Down-regulation of a kinase defective PKC-Î±. FEBS Letters, 1991, 284, 120-122.	2.8	35
215	TPA-induced activation of MAP kinase. FEBS Letters, 1991, 290, 77-82.	2.8	70
216	Characterization of two 85 kd proteins that associate with receptor tyrosine kinases, middle-T/pp60c-src complexes, and PI3-kinase. Cell, 1991, 65, 91-104.	28.9	817

#	Article	IF	Citations
217	The PtdIns-PLC superfamily and signal transduction. Biochimica Et Biophysica Acta - Molecular Cell Research, 1991, 1092, 49-71.	4.1	181
218	A second gene product of the inositol-phospholipid-specific phospholipase Cdelta subclass. FEBS Journal, 1991, 196, 159-165.	0.2	46
219	Expression and characterization of protein kinase C-delta. FEBS Journal, 1991, 200, 805-810.	0.2	95
220	Proteolytic activation of protein kinase C-e. FEBS Journal, 1990, 191, 431-435.	0.2	64
221	Purification and characterization of bovine brain type I phosphatidylinositol kinase. FEBS Journal, 1990, 191, 761-767.	0.2	132
222	Mutagenesis of the pseudosubstrate site of protein kinase C leads to activation. FEBS Journal, 1990, 194, 89-94.	0.2	135
223	Effector-dependent conformational changes in protein kinase Cgamma through epitope mapping with inhibitory monoclonal antibodies. FEBS Journal, 1990, 194, 799-804.	0.2	47
224	Studies on the primary sequence requirements for PKC-Î±, -Î²1and -Î³ peptide substrates. FEBS Letters, 1990, 277, 151-155.	2.8	47
225	Neuron-specific protein F1GAP-43 shows substrate specificity for the beta subtype of protein kinase C. Biochemical and Biophysical Research Communications, 1990, 171, 1236-1243.	2.1	87
226	Purification and characterisation of bovine brain protein kinase C isotypes alpha, beta and gamma. FEBS Journal, 1989, 182, 129-137.	0.2	169
227	Monoclonal antibodies to protein kinase Cgamma. Functional relationship between epitopes and cofactor binding sites. FEBS Journal, 1989, 182, 401-406.	0.2	31
228	A novel inositol-phospholipid-specific phospholipase C. Rapid purification and characterization. FEBS Journal, 1989, 182, 673-677.	0.2	42
229	Unique substrate specificity and regulatory properties of PKC-Îµ: a rationale for diversity. FEBS Letters, 1989, 243, 351-357.	2.8	222
230	Protein kinase C â€" a family affair. Molecular and Cellular Endocrinology, 1989, 65, 1-11.	3.2	288
231	Protein kinase C as a second messenger target. Biochemical Society Transactions, 1989, 17, 279-280.	3.4	5
232	A monoclonal antibody recognising the site of limited proteolysis of protein kinase C. Inhibition of down-regulation in vivo. FEBS Journal, 1988, 173, 247-252.	0.2	95
233	Alternative Splicing Increases the Diversity of the Human Protein Kinase C Family. DNA and Cell Biology, 1987, 6, 389-394.	5.2	79
234	Purification of phosphoinositide-specific phospholipase C from a particulate fraction of bovine brain. FEBS Journal, 1987, 168, 413-418.	0.2	121

#	Article	IF	Citations
235	Protein kinase C. Journal of Cellular Physiology, 1987, 133, 53-56.	4.1	22
236	The phosphorylation of eukaryotic ribosomal protein S6 by protein kinase C. FEBS Journal, 1985, 148, 579-586.	0.2	93
237	The deinhibitor protein: Regulation by phosphorylation-dephosphorylation. Biochemical and Biophysical Research Communications, 1984, 120, 405-410.	2.1	19
238	Glycogen Synthase from Rabbit Skeletal Muscle; Effect of Insulin on the State of phosphorylation of the Seven Phosphoserine Residues in vivo. FEBS Journal, 1983, 130, 227-234.	0.2	269
239	Separation and Characterisation of Glycogen Synthase Kinase 3,Glycogen Synthase Kinase 4 and Glycogen Synthase Kinase 5 from Rabbit Skeletal Muscle. FEBS Journal, 1982, 124, 21-35.	0.2	172
240	Glycogen Synthase from Rabbit Skeletal Muscle. State of Phosphorylation of the Seven Phosphoserine Residues in vivo in the Presence and Absence of Adrenaline. FEBS Journal, 1982, 124, 47-55.	0.2	131
241	Amino acid sequence of a region in rabbit skeletal muscle glycogen synthase phosphorylated by cyclic AMP-dependent protein kinase. FEBS Letters, 1981, 123, 332-336.	2.8	24
242	A Reinvestigation of the Phosphorylation of Rabbit Skeletal-Muscle Glycogen Synthase by Cyclic-AMP-Dependent Protein Kinase. Identification of the Third Site of Phosphorylation as Serine-7. FEBS Journal, 1981, 115, 405-413.	0.2	80
243	Active and inactive forms of branched-chain 2-oxoacid dehydrogenase complex in rat heart and skeletal muscle. FEBS Letters, 1980, 112, 186-190.	2.8	56
244	Inactivation of rat heart branched-chain 2-oxoacid dehydrogenase complex by adenosine triphosphate. FEBS Letters, 1978, 95, 153-156.	2.8	60
245	Branched chain 2-oxo-acid dehydrogenase complex of rat liver. FEBS Letters, 1978, 90, 183-186.	2.8	66