Peter Joseph Jacques Parker

List of Publications by Year
in descending order

245	27,898	4942 84	6818 155
papers	citations	h-index	g-index

251	251	251	24634
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and Function of 3-Phosphorylated Inositol Lipids. Annual Review of Biochemistry, 2001, 70, 535-602.	5.0	1,457
2	The extended protein kinase C superfamily. Biochemical Journal, 1998, 332, 281-292.	1.7	1,452
3	Protein Kinase C Isotypes Controlled by Phosphoinositide 3-Kinase Through the Protein Kinase PDK1. , 1998, 281, 2042-2045.		992
4	Protein kinase C - a question of specificity. Trends in Biochemical Sciences, 1994, 19, 73-77.	3.7	930
5	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.	13.5	817
6	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.	1.1	718
7	Phosphatidylinositol 3-kinase: Structure and expression of the 110 kd catalytic subunit. Cell, 1992, 70, 419-429.	13.5	698
8	Carboplatin in BRCA1/2-mutated and triple-negative breast cancer BRCAness subgroups: the TNT Trial. Nature Medicine, 2018, 24, 628-637.	15.2	649
9	Multiple pathways control protein kinase C phosphorylation. EMBO Journal, 2000, 19, 496-503.	3.5	556
10	Protein kinase C. , 1991, 51, 71-95.		555
11	Osmotic stress activates phosphatidylinositol-3,5-bisphosphate synthesis. Nature, 1997, 390, 187-192.	13.7	440
12	PKC and the control of localized signal dynamics. Nature Reviews Molecular Cell Biology, 2010, 11, 103-112.	16.1	407
13	Specific Involvement of PKC-Îµ in Sensitization of the Neuronal Response to Painful Heat. Neuron, 1999, 23, 617-624.	3.8	389
14	Pharmacologic Characterization of a Potent Inhibitor of Class I Phosphatidylinositide 3-Kinases. Cancer Research, 2007, 67, 5840-5850.	0.4	337
15	PKC at a glance. Journal of Cell Science, 2004, 117, 131-132.	1.2	328
16	PKCÎ± regulates Î²1 integrin-dependent cell motility through association and control of integrin traffic. EMBO Journal, 1999, 18, 3909-3923.	3.5	310
17	Imaging Protein Kinase C Activation in Cells. Science, 1999, 283, 2085-2089.	6.0	306
18	The activation of phosphatidylinositol 3-kinase by Ras. Current Biology, 1994, 4, 798-806.	1.8	303

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19	Svp1p defines a family of phosphatidylinositol 3,5-bisphosphate effectors. EMBO Journal, 2004, 23, 1922-1933.	3.5	302
20	Protein kinase C â€" a family affair. Molecular and Cellular Endocrinology, 1989, 65, 1-11.	1.6	288
21	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
22	Intramolecular and Intermolecular Interactions of Protein Kinase B Define Its Activation In Vivo. PLoS Biology, 2007, 5, e95.	2.6	254
23	A selective PIKfyve inhibitor blocks PtdIns(3,5)P₂ production and disrupts endomembrane transport and retroviral budding. EMBO Reports, 2008, 9, 164-170.	2.0	251
24	Protein kinase C binding partners. BioEssays, 2000, 22, 245-254.	1.2	244
25	PKCÉ›-mediated phosphorylation of vimentin controls integrin recycling and motility. EMBO Journal, 2005, 24, 3834-3845.	3.5	231
26	Emerging and diverse roles of protein kinase C in immune cell signalling. Biochemical Journal, 2003, 376, 545-552.	1.7	230
27	Protein Kinase CÏµ Is Required for Macrophage Activation and Defense Against Bacterial Infection. Journal of Experimental Medicine, 2001, 194, 1231-1242.	4.2	226
28	Unique substrate specificity and regulatory properties of PKC-Îµ: a rationale for diversity. FEBS Letters, 1989, 243, 351-357.	1.3	222
29	Role of a Novel PH-Kinase Domain Interface in PKB/Akt Regulation: Structural Mechanism for Allosteric Inhibition. PLoS Biology, 2009, 7, e1000017.	2.6	220
30	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.	1.6	207
31	Regulation of epidermal growth factor receptor traffic by the small GTPase RhoB. Current Biology, 1999, 9, 955-958.	1.8	191
32	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.	1.4	189
33	Analysis of the Role of Protein Kinase C-Î±, -Îµ, and -Î¶ in T Cell Activation. Journal of Biological Chemistry, 1995, 270, 9833-9839.	1.6	183
34	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.	1.6	182
35	The PtdIns-PLC superfamily and signal transduction. Biochimica Et Biophysica Acta - Molecular Cell Research, 1991, 1092, 49-71.	1.9	181
36	Integrin-specific signaling pathways controlling focal adhesion formation and cell migration. Journal of Cell Biology, 2003, 161, 155-167.	2.3	181

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37	TSPO interacts with VDAC1 and triggers a ROS-mediated inhibition of mitochondrial quality control. Autophagy, 2014, 10, 2279-2296.	4.3	174
38	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.	3.5	173
39	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
40	Phosphorylation of threonine 638 critically controls the dephosphorylation and inactivation of protein kinase CÎ±. Current Biology, 1996, 6, 1114-1123.	1.8	172
41	Mammalian TOR Controls One of Two Kinase Pathways Acting upon nPKCÎ´ and nPKCÎµ. Journal of Biological Chemistry, 1999, 274, 34758-34764.	1.6	171
42	Purification and characterisation of bovine brain protein kinase C isotypes alpha, beta and gamma. FEBS Journal, 1989, 182, 129-137.	0.2	169
43	Tumour necrosis factor-Î± mediates tumour promotion via a PKCÎ±- and AP-1-dependent pathway. Oncogene, 2002, 21, 4728-4738.	2.6	157
44	Receptor trafficking controls weak signal delivery: a strategy used by c-Met for STAT3 nuclear accumulation. Journal of Cell Biology, 2008, 182, 855-863.	2.3	155
45	The Late Endosome is Essential for mTORC1 Signaling. Molecular Biology of the Cell, 2010, 21, 833-841.	0.9	151
46	Altered cleavage and localization of PINK1 to aggresomes in the presence of proteasomal stress. Journal of Neurochemistry, 2006, 98, 156-169.	2.1	146
47	EGFR oligomerization organizes kinase-active dimers into competent signalling platforms. Nature Communications, 2016, 7, 13307.	5.8	146
48	PKC controls HGF-dependent c-Met traffic, signalling and cell migration. EMBO Journal, 2004, 23, 3721-3734.	3.5	141
49	Mutagenesis of the pseudosubstrate site of protein kinase C leads to activation. FEBS Journal, 1990, 194, 89-94.	0.2	135
50	PKCepsilon controls the traffic of beta1 integrins in motile cells. EMBO Journal, 2002, 21, 3608-3619.	3.5	133
51	Purification and characterization of bovine brain type I phosphatidylinositol kinase. FEBS Journal, 1990, 191, 761-767.	0.2	132
52	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
53	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
54	Multisite dephosphorylation and desensitization of conventional protein kinase C isotypes. Biochemical Journal, 1999, 342, 337-344.	1.7	131

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55	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.	1.0	127
56	Activation of PRK1 by Phosphatidylinositol 4,5-Bisphosphate and Phosphatidylinositol 3,4,5-Trisphosphate. Journal of Biological Chemistry, 1995, 270, 22412-22416.	1.6	125
57	PKC maturation is promoted by nucleotide pocket occupation independently of intrinsic kinase activity. Nature Structural and Molecular Biology, 2009, 16, 624-630.	3.6	125
58	Purification of phosphoinositide-specific phospholipase C from a particulate fraction of bovine brain. FEBS Journal, 1987, 168, 413-418.	0.2	121
59	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.	1.4	120
60	PtdIns-specific MPR Pathway Association of a Novel WD40 Repeat Protein, WIPI49. Molecular Biology of the Cell, 2004, 15, 2652-2663.	0.9	118
61	The protein kinase C and protein kinase C related gene families. Current Opinion in Structural Biology, 1995, 5, 396-402.	2.6	117
62	HER2 Phosphorylation Is Maintained by a PKB Negative Feedback Loop in Response to Anti-HER2 Herceptin in Breast Cancer. PLoS Biology, 2010, 8, e1000563.	2.6	116
63	The PKC/NF-ÎºB Signaling Pathway Induces APOBEC3B Expression in Multiple Human Cancers. Cancer Research, 2015, 75, 4538-4547.	0.4	116
64	The regulated assembly of a PKCÉ› complex controls the completion of cytokinesis. Nature Cell Biology, 2008, 10, 891-901.	4.6	113
65	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.	1.4	112
66	A comparison of demethoxyviridin and wortmannin as inhibitors of phosphatidylinositol 3-kinase. FEBS Letters, 1994, 342, 109-114.	1.3	108
67	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.	1.1	108
68	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.	1.6	108
69	PRK1 Is Targeted to Endosomes by the Small GTPase, RhoB. Journal of Biological Chemistry, 1998, 273, 4811-4814.	1.6	106
70	Phosphatidylinositol 3-Kinase C2Î± Is Essential for ATP-dependent Priming of Neurosecretory Granule Exocytosis. Molecular Biology of the Cell, 2005, 16, 4841-4851.	0.9	106
71	A first step towards practical single cell proteomics: a microfluidic antibody capture chip with TIRF detection. Lab on A Chip, 2011, 11, 1256.	3.1	105
72	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.	1.6	104

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73	Site-Directed Perturbation of Protein Kinase C- Integrin Interaction Blocks Carcinoma Cell Chemotaxis. Molecular and Cellular Biology, 2002, 22, 5897-5911.	1.1	103
74	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.	1.3	102
75	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.	1.6	100
76	Multiple Interactions of PRK1 with RhoA. Journal of Biological Chemistry, 1998, 273, 2698-2705.	1.6	98
77	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
78	Expression and characterization of protein kinase C-delta. FEBS Journal, 1991, 200, 805-810.	0.2	95
79	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.	1.6	95
80	Identification of multiple PKC isoforms in Swiss 3T3 cells: Differential down-regulation by phorbol ester. Journal of Cellular Physiology, 1992, 152, 240-244.	2.0	94
81	The phosphorylation of eukaryotic ribosomal protein S6 by protein kinase C. FEBS Journal, 1985, 148, 579-586.	0.2	93
82	Specific Proteolysis of the Kinase Protein Kinase C-related Kinase 2 by Caspase-3 during Apoptosis. Journal of Biological Chemistry, 1997, 272, 29449-29453.	1.6	93
83	An aPKC-Exocyst Complex Controls Paxillin Phosphorylation and Migration through Localised JNK1 Activation. PLoS Biology, 2009, 7, e1000235.	2.6	93
84	14-3-3 Proteins Interact with a Hybrid Prenyl-Phosphorylation Motif to Inhibit G Proteins. Cell, 2013, 153, 640-653.	13.5	93
85	Tyrosine Phosphorylation and Relocation of SHIP Are Integrin-mediated in Thrombin-stimulated Human Blood Platelets. Journal of Biological Chemistry, 1997, 272, 26857-26863.	1.6	88
86	Protein kinase C interventionâ€"the state of play. Current Opinion in Cell Biology, 2009, 21, 268-279.	2.6	88
87	Atypical Protein Kinase CÎ¹ as a human oncogene and therapeutic target. Biochemical Pharmacology, 2014, 88, 1-11.	2.0	88
88	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.	1.0	87
89	Recognition of an intraâ€chain tandem 14â€3â€3 binding site within PKCÎµ. EMBO Reports, 2009, 10, 983-989.	2.0	86
90	Beta 1-integrinâ€"c-Met cooperation reveals an inside-in survival signalling on autophagy-related endomembranes. Nature Communications, 2016, 7, 11942.	5.8	84

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91	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.	0.8	84
92	Inositol lipid 5-phosphatases-traffic signals and signal traffic. Trends in Biochemical Sciences, 1997, 22, 427-431.	3.7	82
93	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
94	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
95	Alternative Splicing Increases the Diversity of the Human Protein Kinase C Family. DNA and Cell Biology, 1987, 6, 389-394.	5.1	79
96	Synaptojanin Is the Major Constitutively Active Phosphatidylinositol-3,4,5-trisphosphate 5-Phosphatase in Rodent Brain. Journal of Biological Chemistry, 1997, 272, 9625-9628.	1.6	79
97	Receptor tyrosine kinase c-Met controls the cytoskeleton from different endosomes via different pathways. Nature Communications, 2014, 5, 3907.	5.8	79
98	Protein Kinase C-Î² Dictates B Cell Fate by Regulating Mitochondrial Remodeling, Metabolic Reprogramming, and Heme Biosynthesis. Immunity, 2018, 48, 1144-1159.e5.	6.6	78
99	Activation of phosphatidylinositol lipid-specific phospholipase C-Î²3by G-protein Î²Î³ subunits. FEBS Letters, 1993, 315, 340-342.	1.3	77
100	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.	3.3	76
101	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.	2.1	74
102	PH domains and phospholipases â€" a meaningful relationship?. Trends in Biochemical Sciences, 1994, 19, 54-55.	3.7	74
103	mTORC2 targets AGC kinases through Sin1-dependent recruitment. Biochemical Journal, 2011, 439, 287-297.	1.7	74
104	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.	2.0	74
105	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.	1.6	73
106	The broad specificity of dominant inhibitory protein kinase C mutants infers a common step in phosphorylation. Biochemical Journal, 1998, 333, 631-636.	1.7	73
107	PKCÉ› Regulation of an Î± ₅ Integrinâ€“ZO-1 Complex Controls Lamellae Formation in Migrating Cancer Cells. Science Signaling, 2009, 2, ra32.	1.6	71
108	The architecture of EGFRâ€™s basal complexes reveals autoinhibition mechanisms in dimers and oligomers. Nature Communications, 2018, 9, 4325.	5.8	71

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109	TPA-induced activation of MAP kinase. FEBS Letters, 1991, 290, 77-82.	1.3	70
110	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.	1.3	70
111	BK-induced COX-2 expression via PKC-Î´-dependent activation of p42/p44 MAPK and NF-Î¹B in astrocytes. Cellular Signalling, 2007, 19, 330-340.	1.7	70
112	Regulatory Domain Selectivity in the Cell-Type Specific PKN-Dependence of Cell Migration. PLoS ONE, 2011, 6, e21732.	1.1	69
113	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.	1.6	67
114	Branched chain 2-oxo-acid dehydrogenase complex of rat liver. FEBS Letters, 1978, 90, 183-186.	1.3	66
115	Chromosomal Instability Selects Gene Copy-Number Variants Encoding Core Regulators of Proliferation in ER+ Breast Cancer. Cancer Research, 2014, 74, 4853-4863.	0.4	66
116	PKCÎµ is a permissive link in integrin-dependent IFN-Î³ signalling that facilitates JAK phosphorylation of STAT1. Nature Cell Biology, 2003, 5, 363-369.	4.6	65
117	Protein Kinase C Phosphorylates Ribosomal Protein S6 Kinase Î²II and Regulates Its Subcellular Localization. Molecular and Cellular Biology, 2003, 23, 852-863.	1.1	65
118	HER2 Oncogenic Function Escapes EGFR Tyrosine Kinase Inhibitors via Activation of Alternative HER Receptors in Breast Cancer Cells. PLoS ONE, 2008, 3, e2881.	1.1	65
119	Proteolytic activation of protein kinase C-e. FEBS Journal, 1990, 191, 431-435.	0.2	64
120	Inactivation of rat heart branched-chain 2-oxoacid dehydrogenase complex by adenosine triphosphate. FEBS Letters, 1978, 95, 153-156.	1.3	60
121	Nucleotide Binding by the MDM2 RING Domain Facilitates Arf-Independent MDM2 Nucleolar Localization. Molecular Cell, 2003, 12, 875-887.	4.5	60
122	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.	2.5	59
123	Regulation of ADAM12 Cell-surface Expression by Protein Kinase C Ïµ. Journal of Biological Chemistry, 2004, 279, 51601-51611.	1.6	59
124	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.	0.4	57
125	PKC alpha protein but not kinase activity is critical for glioma cell proliferation and survival. International Journal of Cancer, 2008, 123, 769-779.	2.3	57
126	Active and inactive forms of branched-chain 2-oxoacid dehydrogenase complex in rat heart and skeletal muscle. FEBS Letters, 1980, 112, 186-190.	1.3	56

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127	Intracellular Signalling: PI 3-kinase puts GTP on the Rac. Current Biology, 1995, 5, 577-579.	1.8	56
128	Protein Kinase C Controls Microtubule-based Traffic but Not Proteasomal Degradation of c-Met. Journal of Biological Chemistry, 2003, 278, 28921-28929.	1.6	56
129	aPKC Inhibition by Par3 CR3 Flanking Regions Controls Substrate Access and Underpins Apical-Junctional Polarization. Developmental Cell, 2016, 38, 384-398.	3.1	56
130	Inhibitor-induced HER2-HER3 heterodimerisation promotes proliferation through a novel dimer interface. ELife, 2018, 7, .	2.8	55
131	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.	1.3	54
132	Diabetes induces selective alterations in the expression of protein kinase C isoforms in hepatocytes. FEBS Letters, 1993, 326, 117-123.	1.3	53
133	PKCÎ± and PKCÎ´ Regulate ADAM17-Mediated Ectodomain Shedding of Heparin Binding-EGF through Separate Pathways. PLoS ONE, 2011, 6, e17168.	1.1	53
134	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.	1.0	52
135	PIKfyve Negatively Regulates Exocytosis in Neurosecretory Cells. Journal of Biological Chemistry, 2008, 283, 2804-2813.	1.6	51
136	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.	1.7	51
137	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.	2.0	50
138	Protein Kinase C (PKC)-induced PKC Down-regulation. Journal of Biological Chemistry, 1995, 270, 2669-2673.	1.6	49
139	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.	1.6	49
140	Selective Inhibition of p70 S6 Kinase Activation by Phosphatidylinositol 3-Kinase Inhibitors. FEBS Journal, 1995, 230, 431-438.	0.2	48
141	Effector-dependent conformational changes in protein kinase Cgamma through epitope mapping with inhibitory monoclonal antibodies. FEBS Journal, 1990, 194, 799-804.	0.2	47
142	Studies on the primary sequence requirements for PKC-Î±, -Î²1and -Î³ peptide substrates. FEBS Letters, 1990, 277, 151-155.	1.3	47
143	A second gene product of the inositol-phospholipid-specific phospholipase Cdelta subclass. FEBS Journal, 1991, 196, 159-165.	0.2	46
144	Multisite dephosphorylation and desensitization of conventional protein kinase C isotypes. Biochemical Journal, 1999, 342, 337.	1.7	46

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145	The Scaffold MyD88 Acts to Couple Protein Kinase CÏµ to Toll-like Receptors. Journal of Biological Chemistry, 2008, 283, 18591-18600.	1.6	46
146	A Targeted siRNA Screen Identifies Regulators of Cdc42 Activity at the Natural Killer Cell Immunological Synapse. Science Signaling, 2011, 4, ra81.	1.6	46
147	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.	1.1	45
148	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.	0.2	45
149	Effect of Phosphorylation on EGFR Dimer Stability Probed by Single-Molecule Dynamics and FRET/FLIM. Biophysical Journal, 2015, 108, 1013-1026.	0.2	45
150	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.	1.3	43
151	Sac phosphatase domain proteins. Biochemical Journal, 2000, 350, 337.	1.7	43
152	Phosphorylation is required for PMA- and cell-cycle-induced degradation of protein kinase CÎ´. Biochemical Journal, 2002, 368, 349-355.	1.7	43
153	Calmodulin controls organization of the actin cytoskeleton via regulation of phosphatidylinositol (4,5)-bisphosphate synthesis in Saccharomyces cerevisiae. Biochemical Journal, 2002, 366, 945-951.	1.7	43
154	A novel inositol-phospholipid-specific phospholipase C. Rapid purification and characterization. FEBS Journal, 1989, 182, 673-677.	0.2	42
155	The sorting protein PACS-2 promotes ErbB signalling by regulating recycling of the metalloproteinase ADAM17. Nature Communications, 2015, 6, 7518.	5.8	41
156	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.	2.9	40
157	Biochemical properties of rat protein kinase C-Î· expressed in COS cells. FEBS Letters, 1992, 312, 195-199.	1.3	39
158	Dephosphorylation of PKCÎ´ by protein phosphatase 2Ac and its inhibition by nucleotides. FEBS Letters, 2002, 516, 265-269.	1.3	39
159	Phorbol ester activation of the isotypes of protein kinase C from bovine and rat brain. Biochemical Society Transactions, 1991, 19, 397-402.	1.6	38
160	ERK2 but not ERK1 mediates HGF-induced motility in non small cell lung carcinoma cell lines. Journal of Cell Science, 2013, 126, 2381-91.	1.2	38
161	Purification and Biochemical Characterization of a Mammalian Phosphatidylinositol 3,4,5-Trisphosphate 5-Phosphatase. Journal of Biological Chemistry, 1995, 270, 31001-31007.	1.6	37
162	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.	1.7	37

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163	Inhibition of Protein Kinase Câ€"Do We, Can We, and Should We?. , 1999, 82, 263-267.		37
164	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.	1.1	37
165	Equivocal, explicit and emergent actions of PKC isoforms in cancer. Nature Reviews Cancer, 2021, 21, 51-63.	12.8	37
166	Down-regulation of a kinase defective PKC-Î±. FEBS Letters, 1991, 284, 120-122.	1.3	35
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