

Peter Joseph Jacques Parker

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246
papers

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82
h-index

152
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251
ext. papers

26,081
ext. citations

8.4
avg, IF

6.6
L-index

#	Paper	IF	Citations
246	The extended protein kinase C superfamily. <i>Biochemical Journal</i> , 1998 , 332 (Pt 2), 281-92	3.8	1366
245	Synthesis and function of 3-phosphorylated inositol lipids. <i>Annual Review of Biochemistry</i> , 2001 , 70, 535-602	13.5	1350
244	Protein kinase C isotypes controlled by phosphoinositide 3-kinase through the protein kinase PDK1. <i>Science</i> , 1998 , 281, 2042-5	33.3	894
243	Protein kinase C--a question of specificity. <i>Trends in Biochemical Sciences</i> , 1994 , 19, 73-7	10.3	863
242	Characterization of two 85 kd proteins that associate with receptor tyrosine kinases, middle-T/pp60c-src complexes, and PI3-kinase. <i>Cell</i> , 1991 , 65, 91-104	56.2	772
241	Activation of the mitogen-activated protein kinase/extracellular signal-regulated kinase pathway by conventional, novel, and atypical protein kinase C isotypes. <i>Molecular and Cellular Biology</i> , 1998 , 18, 790-8	4.8	672
240	Phosphatidylinositol 3-kinase: structure and expression of the 110 kd catalytic subunit. <i>Cell</i> , 1992 , 70, 419-29	56.2	654
239	Multiple pathways control protein kinase C phosphorylation. <i>EMBO Journal</i> , 2000 , 19, 496-503	13	514
238	Carboplatin in BRCA1/2-mutated and triple-negative breast cancer BRCAness subgroups: the TNT Trial. <i>Nature Medicine</i> , 2018 , 24, 628-637	50.5	410
237	Protein kinase C 1991 , 51, 71-95		409
236	Osmotic stress activates phosphatidylinositol-3,5-bisphosphate synthesis. <i>Nature</i> , 1997 , 390, 187-92	50.4	402
235	PKC and the control of localized signal dynamics. <i>Nature Reviews Molecular Cell Biology</i> , 2010 , 11, 103-124	8.7	361
234	Specific involvement of PKC-epsilon in sensitization of the neuronal response to painful heat. <i>Neuron</i> , 1999 , 23, 617-24	13.9	348
233	Pharmacologic characterization of a potent inhibitor of class I phosphatidylinositide 3-kinases. <i>Cancer Research</i> , 2007 , 67, 5840-50	10.1	308
232	PKC at a glance. <i>Journal of Cell Science</i> , 2004 , 117, 131-2	5.3	295
231	PKCalpha regulates beta1 integrin-dependent cell motility through association and control of integrin traffic. <i>EMBO Journal</i> , 1999 , 18, 3909-23	13	294
230	The activation of phosphatidylinositol 3-kinase by Ras. <i>Current Biology</i> , 1994 , 4, 798-806	6.3	287

229	Imaging protein kinase Calpha activation in cells. <i>Science</i> , 1999 , 283, 2085-9	33.3	278
228	Protein kinase C--a family affair. <i>Molecular and Cellular Endocrinology</i> , 1989 , 65, 1-11	4.4	275
227	Svp1p defines a family of phosphatidylinositol 3,5-bisphosphate effectors. <i>EMBO Journal</i> , 2004 , 23, 1922-33	4.3	269
226	Glycogen synthase from rabbit skeletal muscle; effect of insulin on the state of phosphorylation of the seven phosphoserine residues in vivo. <i>FEBS Journal</i> , 1983 , 130, 227-34		245
225	Intramolecular and intermolecular interactions of protein kinase B define its activation in vivo. <i>PLoS Biology</i> , 2007 , 5, e95	9.7	232
224	Protein kinase C binding partners. <i>BioEssays</i> , 2000 , 22, 245-54	4.1	223
223	Emerging and diverse roles of protein kinase C in immune cell signalling. <i>Biochemical Journal</i> , 2003 , 376, 545-52	3.8	215
222	PKCepsilon-mediated phosphorylation of vimentin controls integrin recycling and motility. <i>EMBO Journal</i> , 2005 , 24, 3834-45	13	213
221	Protein kinase Cepsilon is required for macrophage activation and defense against bacterial infection. <i>Journal of Experimental Medicine</i> , 2001 , 194, 1231-42	16.6	212
220	A selective PIKfyve inhibitor blocks PtdIns(3,5)P(2) production and disrupts endomembrane transport and retroviral budding. <i>EMBO Reports</i> , 2008 , 9, 164-70	6.5	210
219	Unique substrate specificity and regulatory properties of PKC-epsilon: a rationale for diversity. <i>FEBS Letters</i> , 1989 , 243, 351-7	3.8	206
218	Role of a novel PH-kinase domain interface in PKB/Akt regulation: structural mechanism for allosteric inhibition. <i>PLoS Biology</i> , 2009 , 7, e17	9.7	183
217	Synthesis and biological evaluation of 4-morpholino-2-phenylquinazolines and related derivatives as novel PI3 kinase p110alpha inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 6847-58	3.4	176
216	Integrin-specific signaling pathways controlling focal adhesion formation and cell migration. <i>Journal of Cell Biology</i> , 2003 , 161, 155-67	7.3	176
215	Regulation of epidermal growth factor receptor traffic by the small GTPase rhoB. <i>Current Biology</i> , 1999 , 9, 955-8	6.3	175
214	MSS4, a phosphatidylinositol-4-phosphate 5-kinase required for organization of the actin cytoskeleton in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 1998 , 273, 15787-93	5.4	173
213	The PtdIns-PLC superfamily and signal transduction. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1991 , 1092, 49-71	4.9	165
212	Separation and characterisation of glycogen synthase kinase 3, glycogen synthase kinase 4 and glycogen synthase kinase 5 from rabbit skeletal muscle. <i>FEBS Journal</i> , 1982 , 124, 21-35		162

211	Analysis of the role of protein kinase C-alpha, -epsilon, and -zeta in T cell activation. <i>Journal of Biological Chemistry</i> , 1995 , 270, 9833-9	5.4	161
210	Phosphorylation of protein kinase C-alpha on serine 657 controls the accumulation of active enzyme and contributes to its phosphatase-resistant state. <i>Journal of Biological Chemistry</i> , 1997 , 272, 3544-9	5.4	160
209	Phosphorylation of threonine 638 critically controls the dephosphorylation and inactivation of protein kinase Calpha. <i>Current Biology</i> , 1996 , 6, 1114-23	6.3	160
208	Purification and characterisation of bovine brain protein kinase C isotypes alpha, beta and gamma. <i>FEBS Journal</i> , 1989 , 182, 129-37		153
207	Mammalian TOR controls one of two kinase pathways acting upon nPKCdelta and nPKCepsilon. <i>Journal of Biological Chemistry</i> , 1999 , 274, 34758-64	5.4	152
206	FGF-2 protects small cell lung cancer cells from apoptosis through a complex involving PKCepsilon, B-Raf and S6K2. <i>EMBO Journal</i> , 2006 , 25, 3078-88	13	150
205	Tumour necrosis factor-alpha mediates tumour promotion via a PKC alpha- and AP-1-dependent pathway. <i>Oncogene</i> , 2002 , 21, 4728-38	9.2	145
204	Receptor trafficking controls weak signal delivery: a strategy used by c-Met for STAT3 nuclear accumulation. <i>Journal of Cell Biology</i> , 2008 , 182, 855-63	7.3	140
203	Altered cleavage and localization of PINK1 to aggresomes in the presence of proteasomal stress. <i>Journal of Neurochemistry</i> , 2006 , 98, 156-69	6	136
202	TSPO interacts with VDAC1 and triggers a ROS-mediated inhibition of mitochondrial quality control. <i>Autophagy</i> , 2014 , 10, 2279-96	10.2	130
201	The late endosome is essential for mTORC1 signaling. <i>Molecular Biology of the Cell</i> , 2010 , 21, 833-41	3.5	130
200	Glycogen synthase from rabbit skeletal muscle. State of phosphorylation of the seven phosphoserine residues in vivo in the presence and absence of adrenaline. <i>FEBS Journal</i> , 1982 , 124, 47-55		127
199	PKC controls HGF-dependent c-Met traffic, signalling and cell migration. <i>EMBO Journal</i> , 2004 , 23, 3721-34	13	125
198	PKC epsilon controls the traffic of beta1 integrins in motile cells. <i>EMBO Journal</i> , 2002 , 21, 3608-19	13	125
197	Mutagenesis of the pseudosubstrate site of protein kinase C leads to activation. <i>FEBS Journal</i> , 1990 , 194, 89-94		124
196	Purification and characterization of bovine brain type I phosphatidylinositol kinase. <i>FEBS Journal</i> , 1990 , 191, 761-7		116
195	Synthesis and biological evaluation of pyrido[3,2-b:4,5-f]furo[3,2-d]pyrimidine derivatives as novel PI3 kinase p110alpha inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 2438-42	2.9	114
194	Activation of PRK1 by phosphatidylinositol 4,5-bisphosphate and phosphatidylinositol 3,4,5-trisphosphate. A comparison with protein kinase C isotypes. <i>Journal of Biological Chemistry</i> , 1995 , 270, 22412-6	5.4	114

193	Synthesis and biological evaluation of imidazo[1,2-a]pyridine derivatives as novel PI3 kinase p110alpha inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 403-12	3.4	112
192	The protein kinase C and protein kinase C related gene families. <i>Current Opinion in Structural Biology</i> , 1995 , 5, 396-402	8.1	111
191	Cloning and expression patterns of two members of a novel protein-kinase-C-related kinase family. <i>FEBS Journal</i> , 1995 , 227, 344-51		111
190	PKC maturation is promoted by nucleotide pocket occupation independently of intrinsic kinase activity. <i>Nature Structural and Molecular Biology</i> , 2009 , 16, 624-30	17.6	110
189	PtdIns-specific MPR pathway association of a novel WD40 repeat protein, WIPI49. <i>Molecular Biology of the Cell</i> , 2004 , 15, 2652-63	3.5	110
188	Multisite dephosphorylation and desensitization of conventional protein kinase C isoforms. <i>Biochemical Journal</i> , 1999 , 342, 337-344	3.8	110
187	Purification of phosphoinositide-specific phospholipase C from a particulate fraction of bovine brain. <i>FEBS Journal</i> , 1987 , 168, 413-8		110
186	The regulated assembly of a PKCepsilon complex controls the completion of cytokinesis. <i>Nature Cell Biology</i> , 2008 , 10, 891-901	23.4	102
185	HER2 phosphorylation is maintained by a PKB negative feedback loop in response to anti-HER2 herceptin in breast cancer. <i>PLoS Biology</i> , 2010 , 8, e1000563	9.7	101
184	Domain swapping used to investigate the mechanism of protein kinase B regulation by 3-phosphoinositide-dependent protein kinase 1 and Ser473 kinase. <i>Molecular and Cellular Biology</i> , 1999 , 19, 5061-72	4.8	101
183	Synthesis and biological evaluation of sulfonylhydrazone-substituted imidazo[1,2-a]pyridines as novel PI3 kinase p110alpha inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 5837-44	3.4	100
182	Phosphatidylinositol 3-kinase C2alpha is essential for ATP-dependent priming of neurosecretory granule exocytosis. <i>Molecular Biology of the Cell</i> , 2005 , 16, 4841-51	3.5	100
181	Site-directed perturbation of protein kinase C- integrin interaction blocks carcinoma cell chemotaxis. <i>Molecular and Cellular Biology</i> , 2002 , 22, 5897-911	4.8	99
180	SAC1 encodes a regulated lipid phosphoinositide phosphatase, defects in which can be suppressed by the homologous Inp52p and Inp53p phosphatases. <i>Journal of Biological Chemistry</i> , 2000 , 275, 801-8	5.4	99
179	PRK1 is targeted to endosomes by the small GTPase, RhoB. <i>Journal of Biological Chemistry</i> , 1998 , 273, 4811-4	5.4	97
178	The SH2 domain containing inositol 5-phosphatase SHIP2 displays phosphatidylinositol 3,4,5-trisphosphate and inositol 1,3,4,5-tetrakisphosphate 5-phosphatase activity. <i>FEBS Letters</i> , 1998 , 437, 301-3	3.8	94
177	Complementation analysis in PtdInsP kinase-deficient yeast mutants demonstrates that <i>Schizosaccharomyces pombe</i> and murine Fab1p homologues are phosphatidylinositol 3-phosphate 5-kinases. <i>Journal of Biological Chemistry</i> , 1999 , 274, 33905-12	5.4	94
176	A comparison of demethoxyviridin and wortmannin as inhibitors of phosphatidylinositol 3-kinase. <i>FEBS Letters</i> , 1994 , 342, 109-14	3.8	94

175	Rho GTPase control of protein kinase C-related protein kinase activation by 3-phosphoinositide-dependent protein kinase. <i>Journal of Biological Chemistry</i> , 2000 , 275, 11064-70	5.4	93
174	Expression and characterization of protein kinase C-delta. <i>FEBS Journal</i> , 1991 , 200, 805-10		93
173	EGFR oligomerization organizes kinase-active dimers into competent signalling platforms. <i>Nature Communications</i> , 2016 , 7, 13307	17.4	91
172	Identification of multiple PKC isoforms in Swiss 3T3 cells: differential down-regulation by phorbol ester. <i>Journal of Cellular Physiology</i> , 1992 , 152, 240-4	7	88
171	A monoclonal antibody recognising the site of limited proteolysis of protein kinase C. Inhibition of down-regulation in vivo. <i>FEBS Journal</i> , 1988 , 173, 247-52		88
170	The PKC/NF-B signaling pathway induces APOBEC3B expression in multiple human cancers. <i>Cancer Research</i> , 2015 , 75, 4538-47	10.1	87
169	Multiple interactions of PRK1 with RhoA. Functional assignment of the Hr1 repeat motif. <i>Journal of Biological Chemistry</i> , 1998 , 273, 2698-705	5.4	86
168	A first step towards practical single cell proteomics: a microfluidic antibody capture chip with TIRF detection. <i>Lab on A Chip</i> , 2011 , 11, 1256-61	7.2	83
167	An aPKC-exocyst complex controls paxillin phosphorylation and migration through localised JNK1 activation. <i>PLoS Biology</i> , 2009 , 7, e1000235	9.7	83
166	Specific proteolysis of the kinase protein kinase C-related kinase 2 by caspase-3 during apoptosis. Identification by a novel, small pool expression cloning strategy. <i>Journal of Biological Chemistry</i> , 1997 , 272, 29449-53	5.4	83
165	Neuron-specific protein F1/GAP-43 shows substrate specificity for the beta subtype of protein kinase C. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 171, 1236-43	3.4	83
164	Two closely related isoforms of protein kinase C produce reciprocal effects on the growth of rat fibroblasts. Possible molecular mechanisms. <i>Journal of Biological Chemistry</i> , 1995 , 270, 78-86	5.4	79
163	The phosphorylation of eukaryotic ribosomal protein S6 by protein kinase C. <i>FEBS Journal</i> , 1985 , 148, 579-86		79
162	14-3-3 proteins interact with a hybrid prenyl-phosphorylation motif to inhibit G proteins. <i>Cell</i> , 2013 , 153, 640-53	56.2	78
161	Protein kinase C intervention: the state of play. <i>Current Opinion in Cell Biology</i> , 2009 , 21, 268-79	9	78
160	Recognition of an intra-chain tandem 14-3-3 binding site within PKCepsilon. <i>EMBO Reports</i> , 2009 , 10, 983-9	6.5	77
159	Inositol lipid 5-phosphatases--traffic signals and signal traffic. <i>Trends in Biochemical Sciences</i> , 1997 , 22, 427-31	10.3	77
158	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. <i>FEBS Journal</i> , 1981 , 115, 405-13		76

157	Differential expression and subcellular localization of protein kinase C alpha, beta, gamma, delta, and epsilon isoforms in SH-SY5Y neuroblastoma cells: modifications during differentiation. <i>Journal of Neurochemistry</i> , 1993 , 60, 289-98	6	74
156	Tyrosine phosphorylation and relocation of SHIP are integrin-mediated in thrombin-stimulated human blood platelets. <i>Journal of Biological Chemistry</i> , 1997 , 272, 26857-63	5.4	73
155	Alternative splicing increases the diversity of the human protein kinase C family. <i>DNA and Cell Biology</i> , 1987 , 6, 389-94		73
154	The myristoylated alanine-rich C-kinase substrate (MARCKS) is sequentially phosphorylated by conventional, novel and atypical isoforms of protein kinase C. <i>FEBS Journal</i> , 1995 , 233, 448-57		72
153	Synaptojanin is the major constitutively active phosphatidylinositol-3,4,5-trisphosphate 5-phosphatase in rodent brain. <i>Journal of Biological Chemistry</i> , 1997 , 272, 9625-8	5.4	69
152	Activation of phosphatidylinositol lipid-specific phospholipase C-beta 3 by G-protein beta gamma subunits. <i>FEBS Letters</i> , 1993 , 315, 340-2	3.8	69
151	Atypical protein kinase C δ as a human oncogene and therapeutic target. <i>Biochemical Pharmacology</i> , 2014 , 88, 1-11	6	67
150	The broad specificity of dominant inhibitory protein kinase C mutants infers a common step in phosphorylation. <i>Biochemical Journal</i> , 1998 , 333 (Pt 3), 631-6	3.8	67
149	Identification of protein kinase C isoforms in rat mesenteric small arteries and their possible role in agonist-induced contraction. <i>Circulation Research</i> , 1996 , 78, 806-12	15.7	67
148	Regulated binding of the protein kinase C substrate GAP-43 to the V0/C2 region of protein kinase C-delta. <i>Journal of Biological Chemistry</i> , 1997 , 272, 12747-53	5.4	66
147	PH domains and phospholipases--a meaningful relationship?. <i>Trends in Biochemical Sciences</i> , 1994 , 19, 54-5	10.3	66
146	Phase II Randomized Preoperative Window-of-Opportunity Study of the PI3K Inhibitor Pictilisib Plus Anastrozole Compared With Anastrozole Alone in Patients With Estrogen Receptor-Positive Breast Cancer. <i>Journal of Clinical Oncology</i> , 2016 , 34, 1987-94	2.2	64
145	Control of MT1-MMP transport by atypical PKC during breast-cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E1872-9	11.5	63
144	BK-induced COX-2 expression via PKC-delta-dependent activation of p42/p44 MAPK and NF-kappaB in astrocytes. <i>Cellular Signalling</i> , 2007 , 19, 330-40	4.9	63
143	PKCepsilon is a permissive link in integrin-dependent IFN-gamma signalling that facilitates JAK phosphorylation of STAT1. <i>Nature Cell Biology</i> , 2003 , 5, 363-9	23.4	63
142	TPA-induced activation of MAP kinase. <i>FEBS Letters</i> , 1991 , 290, 77-82	3.8	62
141	PKCepsilon regulation of an alpha5 integrin-ZO-1 complex controls lamellae formation in migrating cancer cells. <i>Science Signaling</i> , 2009 , 2, ra32	8.8	61
140	Receptor tyrosine kinase c-Met controls the cytoskeleton from different endosomes via different pathways. <i>Nature Communications</i> , 2014 , 5, 3907	17.4	60

139	Proteolytic activation of protein kinase C-epsilon. <i>FEBS Journal</i> , 1990 , 191, 431-5		60
138	Beta 1-integrin-c-Met cooperation reveals an inside-in survival signalling on autophagy-related endomembranes. <i>Nature Communications</i> , 2016 , 7, 11942	17.4	59
137	Branched chain 2-oxo-acid dehydrogenase complex of rat liver. <i>FEBS Letters</i> , 1978 , 90, 183-6	3.8	59
136	HER2 oncogenic function escapes EGFR tyrosine kinase inhibitors via activation of alternative HER receptors in breast cancer cells. <i>PLoS ONE</i> , 2008 , 3, e2881	3.7	59
135	Up-regulation of protein kinase C-epsilon promotes the expression of cytokine-inducible nitric oxide synthase in RAW 264.7 cells. <i>Journal of Biological Chemistry</i> , 1996 , 271, 32028-33	5.4	58
134	Classical, novel and atypical isoforms of PKC stimulate ANF- and TRE/AP-1-regulated-promoter activity in ventricular cardiomyocytes. <i>FEBS Letters</i> , 1994 , 356, 275-8	3.8	58
133	Glial-derived S100b protein selectively inhibits recombinant beta protein kinase C (PKC) phosphorylation of neuron-specific protein F1/GAP43. <i>Molecular Brain Research</i> , 1994 , 21, 62-6		58
132	Protein kinase C phosphorylates ribosomal protein S6 kinase beta1 and regulates its subcellular localization. <i>Molecular and Cellular Biology</i> , 2003 , 23, 852-63	4.8	57
131	Inactivation of rat heart branched-chain 2-oxoacid dehydrogenase complex by adenosine triphosphate. <i>FEBS Letters</i> , 1978 , 95, 153-6	3.8	57
130	Regulatory domain selectivity in the cell-type specific PKN-dependence of cell migration. <i>PLoS ONE</i> , 2011 , 6, e21732	3.7	57
129	mTORC2 targets AGC kinases through Sin1-dependent recruitment. <i>Biochemical Journal</i> , 2011 , 439, 287-98	3.8	56
128	Intracellular signalling. PI 3-kinase puts GTP on the Rac. <i>Current Biology</i> , 1995 , 5, 577-9	6.3	55
127	PKC alpha protein but not kinase activity is critical for glioma cell proliferation and survival. <i>International Journal of Cancer</i> , 2008 , 123, 769-79	7.5	54
126	Prognostic value of an activation state marker for epidermal growth factor receptor in tissue microarrays of head and neck cancer. <i>Cancer Research</i> , 2006 , 66, 2834-43	10.1	53
125	Regulation of ADAM12 cell-surface expression by protein kinase C epsilon. <i>Journal of Biological Chemistry</i> , 2004 , 279, 51601-11	5.4	53
124	Nucleotide binding by the Mdm2 RING domain facilitates Arf-independent Mdm2 nucleolar localization. <i>Molecular Cell</i> , 2003 , 12, 875-87	17.6	52
123	Active and inactive forms of branched-chain 2-oxoacid dehydrogenase complex in rat heart and skeletal muscle. <i>FEBS Letters</i> , 1980 , 112, 186-90	3.8	52
122	Characterization and differential expression of protein kinase C isoforms in PC12 cells. Differentiation parallels an increase in PKC beta II. <i>FEBS Letters</i> , 1992 , 298, 74-8	3.8	51

121	Protein kinase C controls microtubule-based traffic but not proteasomal degradation of c-Met. <i>Journal of Biological Chemistry</i> , 2003 , 278, 28921-9	5.4	49
120	Protein Kinase C Dictates B Cell Fate by Regulating Mitochondrial Remodeling, Metabolic Reprogramming, and Heme Biosynthesis. <i>Immunity</i> , 2018 , 48, 1144-1159.e5	32.3	47
119	PIKfyve negatively regulates exocytosis in neurosecretory cells. <i>Journal of Biological Chemistry</i> , 2008 , 283, 2804-13	5.4	47
118	Diabetes induces selective alterations in the expression of protein kinase C isoforms in hepatocytes. <i>FEBS Letters</i> , 1993 , 326, 117-23	3.8	47
117	Adenosine-binding motif mimicry and cellular effects of a thieno[2,3-d]pyrimidine-based chemical inhibitor of atypical protein kinase C isoenzymes. <i>Biochemical Journal</i> , 2013 , 451, 329-42	3.8	46
116	Selective inhibition of p70 S6 kinase activation by phosphatidylinositol 3-kinase inhibitors. <i>FEBS Journal</i> , 1995 , 230, 431-8		46
115	Molecular dissection of the interaction between the small G proteins Rac1 and RhoA and protein kinase C-related kinase 1 (PRK1). <i>Journal of Biological Chemistry</i> , 2003 , 278, 50578-87	5.4	45
114	Cloning and expression of a human placenta inositol 1,3,4,5-tetrakisphosphate and phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 225, 243-9	3.4	45
113	PKC α and PKC ζ regulate ADAM17-mediated ectodomain shedding of heparin binding-EGF through separate pathways. <i>PLoS ONE</i> , 2011 , 6, e17168	3.7	44
112	Effector-dependent conformational changes in protein kinase C gamma through epitope mapping with inhibitory monoclonal antibodies. <i>FEBS Journal</i> , 1990 , 194, 799-804		44
111	Studies on the primary sequence requirements for PKC-alpha, -beta 1 and -gamma peptide substrates. <i>FEBS Letters</i> , 1990 , 277, 151-5	3.8	44
110	Protein phosphatase 2A PR130/BP1 alpha1 subunit binds to the SH2 domain-containing inositol polyphosphate 5-phosphatase 2 and prevents epidermal growth factor (EGF)-induced EGF receptor degradation sustaining EGF-mediated signaling. <i>FASEB Journal</i> , 2010 , 24, 538-47	0.9	43
109	The scaffold MyD88 acts to couple protein kinase Cepsilon to Toll-like receptors. <i>Journal of Biological Chemistry</i> , 2008 , 283, 18591-600	5.4	43
108	Chromosomal instability selects gene copy-number variants encoding core regulators of proliferation in ER+ breast cancer. <i>Cancer Research</i> , 2014 , 74, 4853-4863	10.1	42
107	BK-induced cytosolic phospholipase A2 expression via sequential PKC-delta, p42/p44 MAPK, and NF-kappaB activation in rat brain astrocytes. <i>Journal of Cellular Physiology</i> , 2006 , 206, 246-54	7	42
106	Sac phosphatase domain proteins. <i>Biochemical Journal</i> , 2000 , 350, 337	3.8	42
105	Protein kinase C (PKC)-induced PKC down-regulation. Association with up-regulation of vesicle traffic. <i>Journal of Biological Chemistry</i> , 1995 , 270, 2669-73	5.4	42
104	A targeted siRNA screen identifies regulators of Cdc42 activity at the natural killer cell immunological synapse. <i>Science Signaling</i> , 2011 , 4, ra81	8.8	40

103	Potential of protein kinase C zeta activity by 15-deoxy-delta(12,14)-prostaglandin J(2) induces an imbalance between mitogen-activated protein kinases and NF-kappa B that promotes apoptosis in macrophages. <i>Molecular and Cellular Biology</i> , 2003 , 23, 1196-208	4.8	40
102	Phosphorylation is required for PMA- and cell-cycle-induced degradation of protein kinase Cdelta. <i>Biochemical Journal</i> , 2002 , 368, 349-55	3.8	39
101	Calmodulin controls organization of the actin cytoskeleton via regulation of phosphatidylinositol (4,5)-bisphosphate synthesis in <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , 2002 , 366, 945-51	3.8	39
100	A second gene product of the inositol-phospholipid-specific phospholipase C delta subclass. <i>FEBS Journal</i> , 1991 , 196, 159-65		39
99	Intracellular delivery of protein kinase C-alpha or -epsilon isoform-specific antibodies promotes acquisition of a morphologically differentiated phenotype in neuroblastoma cells. <i>FEBS Letters</i> , 1992 , 297, 91-4	3.8	39
98	The sorting protein PACS-2 promotes ErbB signalling by regulating recycling of the metalloproteinase ADAM17. <i>Nature Communications</i> , 2015 , 6, 7518	17.4	38
97	Dephosphorylation of PKCdelta by protein phosphatase 2Ac and its inhibition by nucleotides. <i>FEBS Letters</i> , 2002 , 516, 265-9	3.8	37
96	Multisite dephosphorylation and desensitization of conventional protein kinase C isotypes. <i>Biochemical Journal</i> , 1999 , 342, 337	3.8	37
95	A novel inositol-phospholipid-specific phospholipase C. Rapid purification and characterization. <i>FEBS Journal</i> , 1989 , 182, 673-7		37
94	The architecture of EGFR β basal complexes reveals autoinhibition mechanisms in dimers and oligomers. <i>Nature Communications</i> , 2018 , 9, 4325	17.4	37
93	Inhibitor-induced HER2-HER3 heterodimerisation promotes proliferation through a novel dimer interface. <i>ELife</i> , 2018 , 7,	8.9	36
92	Biochemical properties of rat protein kinase C-eta expressed in COS cells. <i>FEBS Letters</i> , 1992 , 312, 195-9	3.8	36
91	Phorbol ester activation of the isotypes of protein kinase C from bovine and rat brain. <i>Biochemical Society Transactions</i> , 1991 , 19, 397-402	5.1	36
90	Inhibition of protein kinase C--do we, can we, and should we? 1999 , 82, 263-7		34
89	Purification and biochemical characterization of a mammalian phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase. <i>Journal of Biological Chemistry</i> , 1995 , 270, 31001-7	5.4	34
88	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. <i>Biochemical Journal</i> , 1996 , 317 (Pt 1), 219-24	3.8	34
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