

# Shigeo Ohno

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3015056/shigeo-ohno-publications-by-citations.pdf>

**Version:** 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

264  
papers

21,653  
citations

81  
h-index

140  
g-index

270  
ext. papers

22,888  
ext. citations

6.8  
avg, IF

6.26  
L-index

#	Paper	IF	Citations
264	The PAR-aPKC system: lessons in polarity. <i>Journal of Cell Science</i> , <b>2006</b> , 119, 979-87	5.3	581
263	An atypical PKC directly associates and colocalizes at the epithelial tight junction with ASIP, a mammalian homologue of <i>Caenorhabditis elegans</i> polarity protein PAR-3. <i>Journal of Cell Biology</i> , <b>1998</b> , 143, 95-106	7.3	450
262	Protein kinase C activates the MEK-ERK pathway in a manner independent of Ras and dependent on Raf. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 23512-9	5.4	448
261	Tissue-specific expression of three distinct types of rabbit protein kinase C. <i>Nature</i> , <b>1987</b> , 325, 161-6	50.4	442
260	Binding of a novel SMG-1-Upf1-eRF1-eRF3 complex (SURF) to the exon junction complex triggers Upf1 phosphorylation and nonsense-mediated mRNA decay. <i>Genes and Development</i> , <b>2006</b> , 20, 355-67	12.6	439
259	A metalloprotease-disintegrin, MDC9/meltrin-gamma/ADAM9 and PKCdelta are involved in TPA-induced ectodomain shedding of membrane-anchored heparin-binding EGF-like growth factor. <i>EMBO Journal</i> , <b>1998</b> , 17, 7260-72	13	425
258	A novel phorbol ester receptor/protein kinase, nPKC, distantly related to the protein kinase C family. <i>Cell</i> , <b>1988</b> , 53, 731-41	56.2	403
257	Junctional adhesion molecules (JAMs): more molecules with dual functions?. <i>Journal of Cell Science</i> , <b>2004</b> , 117, 19-29	5.3	398
256	Atypical protein kinase C is involved in the evolutionarily conserved par protein complex and plays a critical role in establishing epithelia-specific junctional structures. <i>Journal of Cell Biology</i> , <b>2001</b> , 152, 1183-96	7.3	379
255	Intercellular junctions and cellular polarity: the PAR-aPKC complex, a conserved core cassette playing fundamental roles in cell polarity. <i>Current Opinion in Cell Biology</i> , <b>2001</b> , 13, 641-8	9	377
254	<i>Helicobacter pylori</i> CagA targets PAR1/MARK kinase to disrupt epithelial cell polarity. <i>Nature</i> , <b>2007</b> , 447, 330-3	50.4	369
253	Increased proliferation of B cells and auto-immunity in mice lacking protein kinase Cdelta. <i>Nature</i> , <b>2002</b> , 416, 865-9	50.4	367
252	Requirement of atypical protein kinase clambda for insulin stimulation of glucose uptake but not for Akt activation in 3T3-L1 adipocytes. <i>Molecular and Cellular Biology</i> , <b>1998</b> , 18, 6971-82	4.8	332
251	Evolutionary origin of a calcium-dependent protease by fusion of genes for a thiol protease and a calcium-binding protein?. <i>Nature</i> , <b>1984</b> , 312, 566-70	50.4	331
250	Mammalian Lgl forms a protein complex with PAR-6 and aPKC independently of PAR-3 to regulate epithelial cell polarity. <i>Current Biology</i> , <b>2003</b> , 13, 734-43	6.3	321
249	PAR-6-PAR-3 mediates Cdc42-induced Rac activation through the Rac GEFs STEF/Tiam1. <i>Nature Cell Biology</i> , <b>2005</b> , 7, 270-7	23.4	307
248	The cell polarity protein ASIP/PAR-3 directly associates with junctional adhesion molecule (JAM). <i>EMBO Journal</i> , <b>2001</b> , 20, 3738-48	13	301

247	Human SMG-1, a novel phosphatidylinositol 3-kinase-related protein kinase, associates with components of the mRNA surveillance complex and is involved in the regulation of nonsense-mediated mRNA decay. <i>Genes and Development</i> , <b>2001</b> , 15, 2215-28	12.6	295
246	Polarity-dependent distribution of angiominin localizes Hippo signaling in preimplantation embryos. <i>Current Biology</i> , <b>2013</b> , 23, 1181-94	6.3	272
245	aPKC acts upstream of PAR-1b in both the establishment and maintenance of mammalian epithelial polarity. <i>Current Biology</i> , <b>2004</b> , 14, 1425-35	6.3	254
244	Phosphorylation of hUPF1 induces formation of mRNA surveillance complexes containing hSMG-5 and hSMG-7. <i>Molecular Cell</i> , <b>2003</b> , 12, 1187-200	17.6	254
243	Molecular cloning of a novel mammalian calcium-dependent protease distinct from both m- and mu-types. Specific expression of the mRNA in skeletal muscle. <i>Journal of Biological Chemistry</i> , <b>1989</b> , 264, 20106-11	5.4	246
242	PAR-6 regulates aPKC activity in a novel way and mediates cell-cell contact-induced formation of the epithelial junctional complex. <i>Genes To Cells</i> , <b>2001</b> , 6, 721-31	2.3	243
241	Calcium-activated neutral protease and its endogenous inhibitor. Activation at the cell membrane and biological function. <i>FEBS Letters</i> , <b>1987</b> , 220, 271-7	3.8	239
240	The nucleotide sequence of human fibroblast interferon cDNA. <i>Gene</i> , <b>1980</b> , 10, 11-5	3.8	239
239	Role of the PAR-3-KIF3 complex in the establishment of neuronal polarity. <i>Nature Cell Biology</i> , <b>2004</b> , 6, 328-34	23.4	236
238	Muscle develops a specific form of small heat shock protein complex composed of MKBP/HSPB2 and HSPB3 during myogenic differentiation. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 1095-104	5.4	229
237	Tumor necrosis factor signaling to stress-activated protein kinase (SAPK)/Jun NH2-terminal kinase (JNK) and p38. Germinal center kinase couples TRAF2 to mitogen-activated protein kinase/ERK kinase kinase 1 and SAPK while receptor interacting protein associates with a mitogen-activated protein kinase kinase upstream of MKK6 and p38. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 22681-92	5.4	225
236	Delimitation and properties of DNA sequences required for the regulated expression of human interferon-beta gene. <i>Cell</i> , <b>1985</b> , 41, 489-96	56.2	220
235	Characterization of SMG-9, an essential component of the nonsense-mediated mRNA decay SMG1C complex. <i>Nucleic Acids Research</i> , <b>2011</b> , 39, 347-58	20.1	216
234	aPKC kinase activity is required for the asymmetric differentiation of the premature junctional complex during epithelial cell polarization. <i>Journal of Cell Science</i> , <b>2002</b> , 115, 3565-73	5.3	215
233	Caveolin interaction with protein kinase C. Isoenzyme-dependent regulation of kinase activity by the caveolin scaffolding domain peptide. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 33416-21	5.4	210
232	The mixed lineage kinase SPRK phosphorylates and activates the stress-activated protein kinase activator, SEK-1. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 19025-8	5.4	198
231	Tumor promotion by depleting cells of protein kinase C delta. <i>Molecular and Cellular Biology</i> , <b>1997</b> , 17, 3418-28	4.8	195
230	Spatial regulation of VEGF receptor endocytosis in angiogenesis. <i>Nature Cell Biology</i> , <b>2013</b> , 15, 249-60	23.4	190

229	SMG-8 and SMG-9, two novel subunits of the SMG-1 complex, regulate remodeling of the mRNA surveillance complex during nonsense-mediated mRNA decay. <i>Genes and Development</i> , <b>2009</b> , 23, 1091-105	12.6	177
228	A novel integrin-linked kinase-binding protein, affixin, is involved in the early stage of cell-substrate interaction. <i>Journal of Cell Biology</i> , <b>2001</b> , 153, 1251-64	7.3	174
227	c-Jun N-terminal kinase (JNK)-interacting protein-1b/islet-brain-1 scaffolds Alzheimer's amyloid precursor protein with JNK. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, 6597-607	6.6	169
226	Platelet-derived growth factor activates protein kinase C epsilon through redundant and independent signaling pathways involving phospholipase C gamma or phosphatidylinositol 3-kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1996</b> , 93, 151-5	11.5	163
225	N- and C-terminal Upf1 phosphorylations create binding platforms for SMG-6 and SMG-5:SMG-7 during NMD. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, 1251-66	20.1	157
224	Inactivation of aPKC lambda results in the loss of adherens junctions in neuroepithelial cells without affecting neurogenesis in mouse neocortex. <i>Development (Cambridge)</i> , <b>2006</b> , 133, 1735-44	6.6	149
223	MEK kinase is involved in tumor necrosis factor alpha-induced NF-kappaB activation and degradation of IkappaB-alpha. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 13234-8	5.4	149
222	MST/MLK2, a member of the mixed lineage kinase family, directly phosphorylates and activates SEK1, an activator of c-Jun N-terminal kinase/stress-activated protein kinase. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 15167-73	5.4	144
221	Regulated protein-protein interaction between aPKC and PAR-3 plays an essential role in the polarization of epithelial cells. <i>Genes To Cells</i> , <b>2002</b> , 7, 1161-71	2.3	144
220	The von Hippel-Lindau tumor suppressor protein mediates ubiquitination of activated atypical protein kinase C. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 43611-7	5.4	144
219	Protein kinase C delta inhibits the proliferation of vascular smooth muscle cells by suppressing G1 cyclin expression. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 13816-22	5.4	138
218	Protein kinase C isotypes and their specific functions: prologue. <i>Journal of Biochemistry</i> , <b>2002</b> , 132, 509-11	3.1	138
217	PKC in liver mediates insulin-induced SREBP-1c expression and determines both hepatic lipid content and overall insulin sensitivity. <i>Journal of Clinical Investigation</i> , <b>2003</b> , 112, 935-944	15.9	136
216	Asymmetric distribution of PAR proteins in the mouse embryo begins at the 8-cell stage during compaction. <i>Developmental Biology</i> , <b>2005</b> , 282, 307-19	3.1	129
215	MKBP, a novel member of the small heat shock protein family, binds and activates the myotonic dystrophy protein kinase. <i>Journal of Cell Biology</i> , <b>1998</b> , 140, 1113-24	7.3	129
214	Involvement of ASIP/PAR-3 in the promotion of epithelial tight junction formation. <i>Journal of Cell Science</i> , <b>2002</b> , 115, 2485-2495	5.3	129
213	Transfection with protein kinase C alpha confers increased multidrug resistance to MCF-7 cells expressing P-glycoprotein. <i>European Journal of Implant and Refractive Surgery</i> , <b>1991</b> , 3, 181-9		129
212	Rho-kinase phosphorylates PAR-3 and disrupts PAR complex formation. <i>Developmental Cell</i> , <b>2008</b> , 14, 205-15	10.2	127

211	Molecular cloning of the cDNA for the large subunit of the high-Ca <sup>2+</sup> -requiring form of human Ca <sup>2+</sup> -activated neutral protease. <i>Biochemistry</i> , <b>1988</b> , 27, 8122-8	3.2	126
210	Interaction between PAR-3 and the aPKC-PAR-6 complex is indispensable for apical domain development of epithelial cells. <i>Journal of Cell Science</i> , <b>2009</b> , 122, 1595-606	5.3	123
209	Structure of a chromosomal gene for human interferon beta. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1981</b> , 78, 5305-9	11.5	123
208	Structural and functional diversities of a family of signal transducing protein kinases, protein kinase C family; two distinct classes of PKC, conventional cPKC and novel nPKC. <i>Advances in Enzyme Regulation</i> , <b>1991</b> , 31, 287-303		118
207	Complete amino acid sequence of the large subunit of the low-Ca <sup>2+</sup> -requiring form of human Ca <sup>2+</sup> -activated neutral protease (muCANP) deduced from its cDNA sequence. <i>FEBS Letters</i> , <b>1986</b> , 205, 313-7	3.8	115
206	Human homologues of the <i>Caenorhabditis elegans</i> cell polarity protein PAR6 as an adaptor that links the small GTPases Rac and Cdc42 to atypical protein kinase C. <i>Genes To Cells</i> , <b>2001</b> , 6, 107-19	2.3	112
205	Involvement of ASIP/PAR-3 in the promotion of epithelial tight junction formation. <i>Journal of Cell Science</i> , <b>2002</b> , 115, 2485-95	5.3	110
204	AAA+ proteins RUVBL1 and RUVBL2 coordinate PIKK activity and function in nonsense-mediated mRNA decay. <i>Science Signaling</i> , <b>2010</b> , 3, ra27	8.8	105
203	Self-association of PAR-3-mediated by the conserved N-terminal domain contributes to the development of epithelial tight junctions. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 31240-50	5.4	103
202	The proteolytic cleavage of protein kinase C isotypes, which generates kinase and regulatory fragments, correlates with Fas-mediated and 12-O-tetradecanoyl-phorbol-13-acetate-induced apoptosis. <i>FEBS Journal</i> , <b>1997</b> , 250, 7-18		102
201	Protein kinase C lambda/iota (PKClambda/iota): a PKC isotype essential for the development of multicellular organisms. <i>Journal of Biochemistry</i> , <b>2003</b> , 133, 9-16	3.1	102
200	An essential role of the aPKC-Aurora A-NDEL1 pathway in neurite elongation by modulation of microtubule dynamics. <i>Nature Cell Biology</i> , <b>2009</b> , 11, 1057-68	23.4	98
199	The c-Jun N-terminal kinase activator dual leucine zipper kinase regulates axon growth and neuronal migration in the developing cerebral cortex. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 11992-2002	6.6	98
198	Membrane-anchored metalloprotease MDC9 has an $\beta$ -secretase activity responsible for processing the amyloid precursor protein. <i>Biochemical Journal</i> , <b>1999</b> , 343, 371	3.8	97
197	Structure and properties of a ubiquitously expressed protein kinase C, nPKC delta. <i>FEBS Journal</i> , <b>1991</b> , 202, 931-40		97
196	Lgl mediates apical domain disassembly by suppressing the PAR-3-aPKC-PAR-6 complex to orient apical membrane polarity. <i>Journal of Cell Science</i> , <b>2006</b> , 119, 2107-18	5.3	96
195	Nucleotide sequence of chick 14K beta-galactoside-binding lectin mRNA. <i>Biochemical and Biophysical Research Communications</i> , <b>1986</b> , 134, 51-6	3.4	96
194	Tumor type-dependent function of the par3 polarity protein in skin tumorigenesis. <i>Cancer Cell</i> , <b>2012</b> , 22, 389-403	24.3	92

193	Association of ASIP/mPAR-3 with adherens junctions of mouse neuroepithelial cells. <i>Developmental Dynamics</i> , <b>2002</b> , 225, 61-9	2.9	90
192	Protein kinase C regulates integrin-induced activation of the extracellular regulated kinase pathway upstream of Shc. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 10571-81	5.4	88
191	Role of Lgl/Dlg/Scribble in the regulation of epithelial junction, polarity and growth. <i>Frontiers in Bioscience - Landmark</i> , <b>2008</b> , 13, 6693-707	2.8	88
190	PAR3 is essential for cyst-mediated epicardial development by establishing apical cortical domains. <i>Development (Cambridge)</i> , <b>2006</b> , 133, 1389-98	6.6	86
189	Primary structures of human protein kinase C beta I and beta II differ only in their C-terminal sequences. <i>FEBS Letters</i> , <b>1987</b> , 223, 138-42	3.8	86
188	Interaction of the small G protein RhoA with the C terminus of human phospholipase D1. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 6035-8	5.4	85
187	Calcium activated neutral protease--structure-function relationship and functional implications. <i>Cell Structure and Function</i> , <b>1990</b> , 15, 1-6	2.2	84
186	The overexpression and altered localization of the atypical protein kinase C lambda/iota in breast cancer correlates with the pathologic type of these tumors. <i>Human Pathology</i> , <b>2008</b> , 39, 824-31	3.7	83
185	Purification and characterization of protein kinase C epsilon from rabbit brain. <i>Biochemistry</i> , <b>1992</b> , 31, 482-90	3.2	83
184	Loss of von Hippel-Lindau protein causes cell density dependent deregulation of CyclinD1 expression through hypoxia-inducible factor. <i>Oncogene</i> , <b>2003</b> , 22, 2728-38	9.2	82
183	PKClambda in liver mediates insulin-induced SREBP-1c expression and determines both hepatic lipid content and overall insulin sensitivity. <i>Journal of Clinical Investigation</i> , <b>2003</b> , 112, 935-44	15.9	79
182	Direct interaction of the beta-domain of VHL tumor suppressor protein with the regulatory domain of atypical PKC isoforms. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 263, 491-7	3.4	78
181	A distinct PAR complex associates physically with VE-cadherin in vertebrate endothelial cells. <i>EMBO Reports</i> , <b>2006</b> , 7, 1239-46	6.5	77
180	The Epithelial Circumferential Actin Belt Regulates YAP/TAZ through Nucleocytoplasmic Shuttling of Merlin. <i>Cell Reports</i> , <b>2017</b> , 20, 1435-1447	10.6	76
179	A fourth type of rabbit protein kinase C. <i>Biochemistry</i> , <b>1988</b> , 27, 2083-7	3.2	76
178	Specific inhibition of nonsense-mediated mRNA decay components, SMG-1 or Upf1, rescues the phenotype of Ullrich disease fibroblasts. <i>Molecular Therapy</i> , <b>2006</b> , 14, 351-60	11.7	75
177	Inhibition of nonsense-mediated mRNA decay rescues the phenotype in Ullrich disease. <i>Annals of Neurology</i> , <b>2004</b> , 55, 740-4	9.4	75
176	Enzymatic properties of a novel phorbol ester receptor/protein kinase, nPKC. <i>Journal of Biochemistry</i> , <b>1989</b> , 106, 673-8	3.1	74

175	Presenilin 1 suppresses the function of c-Jun homodimers via interaction with QM/Jif-1. <i>Journal of Cell Biology</i> , <b>1999</b> , 147, 121-34	7.3	73
174	Inducer-responsive expression of the cloned human interferon beta 1 gene introduced into cultured mouse cells. <i>Nucleic Acids Research</i> , <b>1982</b> , 10, 967-77	20.1	73
173	Atypical protein kinase Clambda binds and regulates p70 S6 kinase. <i>Biochemical Journal</i> , <b>1998</b> , 335 ( Pt 2), 417-24	3.8	72
172	Differential targeting of protein kinase C and CaM kinase II signalings to vimentin. <i>Journal of Cell Biology</i> , <b>1995</b> , 131, 1055-66	7.3	72
171	Overexpression of a beta-galactoside binding protein causes transformation of BALB3T3 fibroblast cells. <i>Biochemical and Biophysical Research Communications</i> , <b>1991</b> , 179, 272-9	3.4	72
170	A protein kinase Cdelta-binding protein SRBC whose expression is induced by serum starvation. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 7381-9	5.4	69
169	Possible role of Ca2(+)-independent protein kinase C isozyme, nPKC epsilon, in thyrotropin-releasing hormone-stimulated signal transduction: differential down-regulation of nPKC epsilon in GH4C1 cells. <i>Biochemical and Biophysical Research Communications</i> , <b>1990</b> , 172, 184-9	3.4	69
168	Affixin interacts with alpha-actinin and mediates integrin signaling for reorganization of F-actin induced by initial cell-substrate interaction. <i>Journal of Cell Biology</i> , <b>2004</b> , 165, 539-51	7.3	68
167	Primary structure of a gamma subunit of G protein, gamma 12, and its phosphorylation by protein kinase C. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 29469-75	5.4	67
166	The nonsense-mediated mRNA decay SMG-1 kinase is regulated by large-scale conformational changes controlled by SMG-8. <i>Genes and Development</i> , <b>2011</b> , 25, 153-64	12.6	65
165	aPKClambda/iota promotes growth of prostate cancer cells in an autocrine manner through transcriptional activation of interleukin-6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 16369-74	11.5	64
164	The role of SMG-1 in nonsense-mediated mRNA decay. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2005</b> , 1754, 305-15	4	64
163	Cell type-specific expression of the genes for the protein kinase C family: down regulation of mRNAs for PKC alpha and nPKC epsilon upon in vitro differentiation of a mouse neuroblastoma cell line neuro 2a. <i>Biochemical and Biophysical Research Communications</i> , <b>1989</b> , 165, 533-8	3.4	64
162	MAPK-upstream protein kinase (MUK) regulates the radial migration of immature neurons in telencephalon of mouse embryo. <i>Development (Cambridge)</i> , <b>2002</b> , 129, 4483-4495	6.6	60
161	Structures of SMG1-UPFs complexes: SMG1 contributes to regulate UPF2-dependent activation of UPF1 in NMD. <i>Structure</i> , <b>2014</b> , 22, 1105-1119	5.2	58
160	Protein kinase Calpha plays a critical role in mannosylerythritol lipid-induced differentiation of melanoma B16 cells. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 39903-10	5.4	58
159	Differentiation-associated localization of nPKC eta, a Ca(++)-independent protein kinase C, in normal human skin and skin diseases. <i>Journal of Investigative Dermatology</i> , <b>1993</b> , 101, 858-63	4.3	58
158	ASPP2 regulates epithelial cell polarity through the PAR complex. <i>Current Biology</i> , <b>2010</b> , 20, 1408-14	6.3	57

157	UCN-01, an anti-tumor drug, is a selective inhibitor of the conventional PKC subfamily. <i>FEBS Letters</i> , <b>1995</b> , 359, 259-61	3.8	57
156	Gene structure of calcium-dependent protease retains the ancestral organization of the calcium-binding protein gene. <i>FEBS Letters</i> , <b>1986</b> , 194, 249-52	3.8	57
155	KIBRA suppresses apical exocytosis through inhibition of aPKC kinase activity in epithelial cells. <i>Current Biology</i> , <b>2011</b> , 21, 705-11	6.3	56
154	Behavior of tight-junction, adherens-junction and cell polarity proteins during HNF-4alpha-induced epithelial polarization. <i>Experimental Cell Research</i> , <b>2005</b> , 310, 66-78	4.2	56
153	An essential role of the universal polarity protein, aPKClambda, on the maintenance of podocyte slit diaphragms. <i>PLoS ONE</i> , <b>2009</b> , 4, e4194	3.7	55
152	Function of atypical protein kinase C lambda in differentiating photoreceptors is required for proper lamination of mouse retina. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 10290-8	6.6	55
151	Solution structure of cysteine-rich domain of protein kinase C alpha. <i>Journal of Biochemistry</i> , <b>1995</b> , 117, 566-74	3.1	55
150	Oral Ingestion of Collagen Hydrolysate Leads to the Transportation of Highly Concentrated Gly-Pro-Hyp and Its Hydrolyzed Form of Pro-Hyp into the Bloodstream and Skin. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 2315-2322	5.7	53
149	PKClambda regulates glucose-induced insulin secretion through modulation of gene expression in pancreatic beta cells. <i>Journal of Clinical Investigation</i> , <b>2005</b> , 115, 138-45	15.9	53
148	Axon formation in neocortical neurons depends on stage-specific regulation of microtubule stability by the dual leucine zipper kinase-c-Jun N-terminal kinase pathway. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 6468-80	6.6	52
147	Conventional protein kinase C (PKC)-alpha and novel PKC epsilon, but not -delta, increase the secretion of an N-terminal fragment of Alzheimer's disease amyloid precursor protein from PKC cDNA transfected 3Y1 fibroblasts. <i>FEBS Letters</i> , <b>1995</b> , 364, 203-6	3.8	52
146	The eta isoform of protein kinase C mediates transcriptional activation of the human transglutaminase 1 gene. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 9790-4	5.4	51
145	A new protein kinase C, nPKC eta and nPKC theta are expressed in human platelets: involvement of nPKC eta and nPKC theta in signal transduction stimulated by PAF. <i>Biochemical and Biophysical Research Communications</i> , <b>1993</b> , 191, 240-6	3.4	50
144	Interaction of Nck-associated protein 1 with activated GTP-binding protein Rac. <i>Biochemical Journal</i> , <b>1997</b> , 322 ( Pt 3), 873-8	3.8	47
143	High expression of atypical protein kinase C lambda/iota in gastric cancer as a prognostic factor for recurrence. <i>Annals of Surgical Oncology</i> , <b>2010</b> , 17, 81-8	3.1	46
142	The inhibition of differentiation caused by TGFbeta in fetal myoblasts is dependent upon selective expression of PKCtheta: a possible molecular basis for myoblast diversification during limb histogenesis. <i>Developmental Biology</i> , <b>1996</b> , 180, 156-64	3.1	46
141	Molecular cloning and sequencing of cDNA for rat cathepsin H. Homology in pro-peptide regions of cysteine proteinases. <i>FEBS Letters</i> , <b>1987</b> , 226, 33-7	3.8	46
140	Four genes for the calpain family locate on four distinct human chromosomes. <i>Cytogenetic and Genome Research</i> , <b>1990</b> , 53, 225-9	1.9	45



139	Purification and characterization of active component and active fragment of colicin E3. <i>Journal of Biochemistry</i> , <b>1977</b> , 82, 1045-53	3.1	45
138	The first CH domain of affixin activates Cdc42 and Rac1 through alphaPIX, a Cdc42/Rac1-specific guanine nucleotide exchanging factor. <i>Genes To Cells</i> , <b>2004</b> , 9, 193-204	2.3	44
137	The 5' flanking sequence of human interferon-beta 1 gene is responsible for viral induction of transcription. <i>Nucleic Acids Research</i> , <b>1983</b> , 11, 5403-12	20.1	44
136	Hyperosmolality induces activation of cPKC and nPKC, a requirement for ERK1/2 activation in NIH/3T3 cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2000</b> , 278, C102-9	5.4	42
135	Unique expression pattern of protein kinase C-theta: high mRNA levels in normal mouse testes and in T-lymphocytic cells and neoplasms. <i>FEBS Letters</i> , <b>1993</b> , 326, 51-5	3.8	42
134	Expression of MUK/DLK/ZPK, an activator of the JNK pathway, in the nervous systems of the developing mouse embryo. <i>Gene Expression Patterns</i> , <b>2005</b> , 5, 517-23	1.5	41
133	Tumor suppressor protein VHL is induced at high cell density and mediates contact inhibition of cell growth. <i>Oncogene</i> , <b>2001</b> , 20, 2727-36	9.2	41
132	MAPK-upstream protein kinase (MUK) regulates the radial migration of immature neurons in telencephalon of mouse embryo. <i>Development (Cambridge)</i> , <b>2002</b> , 129, 4483-95	6.6	41
131	Polarity-regulating kinase partitioning-defective 1/microtubule affinity-regulating kinase 2 negatively regulates development of dendrites on hippocampal neurons. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 13098-107	6.6	40
130	Direct binding of Lgl2 to LGN during mitosis and its requirement for normal cell division. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 6761-5	5.4	40
129	Staurosporine-related compounds, K252a and UCN-01, inhibit both cPKC and nPKC. <i>FEBS Letters</i> , <b>1993</b> , 330, 114-6	3.8	40
128	The 8th and 9th tandem spectrin-like repeats of utrophin cooperatively form a functional unit to interact with polarity-regulating kinase PAR-1b. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 391, 812-7	3.4	39
127	Differential induction of protein kinase C isoforms at the cardiac hypertrophy stage and congestive heart failure stage in Dahl salt-sensitive rats. <i>Hypertension Research</i> , <b>2003</b> , 26, 421-6	4.7	39
126	Differential activation of two JNK activators, MKK7 and SEK1, by MKN28-derived nonreceptor serine/threonine kinase/mixed lineage kinase 2. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 7406-12	5.4	39
125	Early and late postmenopausal bone loss is associated with BsmI vitamin D receptor gene polymorphism in Japanese women. <i>Calcified Tissue International</i> , <b>1999</b> , 64, 102-6	3.9	39
124	Translocation of HSP27 and MKBP in ischemic heart. <i>Cell Structure and Function</i> , <b>1999</b> , 24, 181-5	2.2	39
123	The 14-3-3 protein binds its target proteins with a common site located towards the C-terminus. <i>FEBS Letters</i> , <b>1997</b> , 413, 273-6	3.8	37
122	Cloning and characterization of the T-box gene Tbx6 in <i>Xenopus laevis</i> . <i>Development Growth and Differentiation</i> , <b>2001</b> , 43, 657-69	3	36

121	Regulation of expression and activity of four PKC isozymes in confluent and mechanically stimulated UMR-108 osteoblastic cells. <i>Journal of Cellular Physiology</i> , <b>2001</b> , 189, 216-28	7	36
120	A protein kinase C isozyme, nPKC epsilon, is involved in the activation of NF-kappa B by 12-O-tetradecanoylphorbol-13-acetate (TPA) in rat 3Y1 fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , <b>1995</b> , 206, 429-36	3.4	36
119	A carboxy-terminal deletion mutant of protein kinase C beta II inhibits insulin-stimulated 2-deoxyglucose uptake in L6 rat skeletal muscle cells. <i>Molecular Endocrinology</i> , <b>1996</b> , 10, 1273-1281		36
118	Intracellular polarity protein PAR-1 regulates extracellular laminin assembly by regulating the dystroglycan complex. <i>Genes To Cells</i> , <b>2009</b> , 14, 835-50	2.3	35
117	Distant N- and C-terminal domains are required for intrinsic kinase activity of SMG-1, a critical component of nonsense-mediated mRNA decay. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 7799-808	5.4	35
116	MAPK upstream kinase (MUK)-binding inhibitory protein, a negative regulator of MUK/dual leucine zipper-bearing kinase/leucine zipper protein kinase. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 21247-54	5.4	35
115	Heat shock protein 90 regulates phosphatidylinositol 3-kinase-related protein kinase family proteins together with the RUVBL1/2 and Tel2-containing co-factor complex. <i>Cancer Science</i> , <b>2012</b> , 103, 50-7	6.9	34
114	A novel role for hSMG-1 in stress granule formation. <i>Molecular and Cellular Biology</i> , <b>2011</b> , 31, 4417-29	4.8	34
113	Role of PKC isoforms in glucose transport in 3T3-L1 adipocytes: insignificance of atypical PKC. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2002</b> , 283, E338-45	6	34
112	Protein kinase C is involved in 24-hydroxylase gene expression induced by 1,25(OH)2D3 in rat intestinal epithelial cells. <i>Journal of Cellular Biochemistry</i> , <b>1994</b> , 55, 230-40	4.7	34
111	Stretch-induced MAP kinase activation in cardiomyocytes of angiotensinogen-deficient mice. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 235, 36-41	3.4	32
110	aPKC enables development of zonula adherens by antagonizing centripetal contraction of the circumferential actomyosin cables. <i>Journal of Cell Science</i> , <b>2008</b> , 121, 2481-92	5.3	32
109	Cholesterol sulfate, an activator of protein kinase C mediating squamous cell differentiation: a review. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2000</b> , 462, 189-95	7	32
108	A cell polarity protein aPKClambda is required for eye lens formation and growth. <i>Developmental Biology</i> , <b>2009</b> , 336, 246-56	3.1	31
107	Dynamic changes in protein components of the tight junction during liver regeneration. <i>Cell and Tissue Research</i> , <b>2001</b> , 305, 399-409	4.2	31
106	Differential effects of overexpression of PKC alpha and PKC delta/epsilon on cellular E2F activity in late G1 phase. <i>Biochemical and Biophysical Research Communications</i> , <b>1996</b> , 222, 95-100	3.4	31
105	Maintenance of dendritic spine morphology by partitioning-defective 1b through regulation of microtubule growth. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 12094-103	6.6	30
104	Nucleotide exchange factor ECT2 regulates epithelial cell polarity. <i>Cellular Signalling</i> , <b>2006</b> , 18, 1604-15	4.9	30

103	Opposite effects of the overexpression of protein kinase C gamma and delta on the growth properties of human glioma cell line U251 MG. <i>Biochemical and Biophysical Research Communications</i> , <b>1994</b> , 201, 363-72	3.4	30
102	Expression of human leukotriene A4 hydrolase cDNA in Escherichia coli. <i>FEBS Letters</i> , <b>1988</b> , 229, 279-82	3.8	30
101	Regulation of asymmetric division and CD8+ T lymphocyte fate specification by protein kinase C $\delta$ and protein kinase C $\zeta$ . <i>Journal of Immunology</i> , <b>2015</b> , 194, 2249-59	5.3	29
100	Integrated regulation of PIKK-mediated stress responses by AAA+ proteins RUVBL1 and RUVBL2. <i>Nucleus</i> , <b>2012</b> , 3, 29-43	3.9	29
99	YSK1, a novel mammalian protein kinase structurally related to Ste20 and SPS1, but is not involved in the known MAPK pathways. <i>Oncogene</i> , <b>1997</b> , 14, 2047-57	9.2	29
98	The phosphorylation of HIV-1 Gag by atypical protein kinase C facilitates viral infectivity by promoting Vpr incorporation into virions. <i>Retrovirology</i> , <b>2014</b> , 11, 9	3.6	28
97	Possible role of ILK-affixin complex in integrin-cytoskeleton linkage during platelet aggregation. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 297, 1324-31	3.4	28
96	Inhibition of SMG-8, a subunit of SMG-1 kinase, ameliorates nonsense-mediated mRNA decay-exacerbated mutant phenotypes without cytotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 15037-42	11.5	27
95	A domain containing the Cdc42/Rac interactive binding (CRIB) region of p65PAK inhibits transcriptional activation and cell transformation mediated by the Ras-Rac pathway. <i>FEBS Letters</i> , <b>1997</b> , 404, 227-33	3.8	27
94	Wortmannin inhibits the activation of MAP kinase following vasopressin V1 receptor stimulation. <i>FEBS Letters</i> , <b>1995</b> , 377, 393-8	3.8	27
93	Regulation of epithelial cell polarity by PAR-3 depends on Girdin transcription and Girdin-G $\beta$ signaling. <i>Journal of Cell Science</i> , <b>2015</b> , 128, 2244-58	5.3	26
92	The gamma-parvin-integrin-linked kinase complex is critically involved in leukocyte-substrate interaction. <i>Journal of Immunology</i> , <b>2006</b> , 176, 3611-24	5.3	26
91	Transient up-regulation of myotonic dystrophy protein kinase-binding protein, MKBP, and HSP27 in the neonatal myocardium. <i>Cell Structure and Function</i> , <b>1999</b> , 24, 1-4	2.2	26
90	aPKC $\zeta$ maintains the integrity of the glomerular slit diaphragm through trafficking of nephrin to the cell surface. <i>Journal of Biochemistry</i> , <b>2014</b> , 156, 115-28	3.1	24
89	Loss of partitioning-defective-3/isotype-specific interacting protein (par-3/ASIP) in the elongating spermatid of RA175 (IGSF4A/SynCAM)-deficient mice. <i>American Journal of Pathology</i> , <b>2007</b> , 171, 1800-10	5.8	24
88	Direct evidence that the kinase activity of protein kinase C is involved in transcriptional activation through a TPA-responsive element. <i>FEBS Letters</i> , <b>1989</b> , 252, 144-6	3.8	24
87	Translation-dependent unwinding of stem-loops by UPF1 licenses Regnase-1 to degrade inflammatory mRNAs. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, 8838-8859	20.1	23
86	The novel PAR-1-binding protein MTCL1 has crucial roles in organizing microtubules in polarizing epithelial cells. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 4671-83	5.3	23

85	PAR-1/MARK: a kinase essential for maintaining the dynamic state of microtubules. <i>Cell Structure and Function</i> , <b>2012</b> , 37, 21-5	2.2	22
84	Cloning and characterization of the murine PKC alpha promoter: identification of a retinoic acid response element. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 263, 28-34	3.4	21
83	Regulation of delta protein kinase C during rat ovarian differentiation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1993</b> , 1179, 260-70	4.9	21
82	Phosphoinositide binding by par-3 involved in par-3 localization. <i>Cell Structure and Function</i> , <b>2011</b> , 36, 97-102	2.2	21
81	MTCL1 crosslinks and stabilizes non-centrosomal microtubules on the Golgi membrane. <i>Nature Communications</i> , <b>2014</b> , 5, 5266	17.4	20
80	Inhibition of insulin-induced glucose uptake by atypical protein kinase C isotype-specific interacting protein in 3T3-L1 adipocytes. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 26390-5	5.4	20
79	The KIBRA-aPKC connection: A potential regulator of membrane trafficking and cell polarity. <i>Communicative and Integrative Biology</i> , <b>2012</b> , 5, 146-51	1.7	19
78	Over-expression of PAR-3 suppresses contact-mediated inhibition of cell migration in MDCK cells. <i>Genes To Cells</i> , <b>2002</b> , 7, 581-96	2.3	19
77	Intracellular localization of the Ret finger protein depends on a functional nuclear export signal and protein kinase C activation. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 48596-607	5.4	19
76	Nucleotide sequence of the 3' portion of a human gene for protein kinase C beta I/beta II. <i>Nucleic Acids Research</i> , <b>1987</b> , 15, 7179-80	20.1	19
75	aPKC controls endothelial growth by modulating c-Myc via FoxO1 DNA-binding ability. <i>Nature Communications</i> , <b>2018</b> , 9, 5357	17.4	19
74	Expression and localisation of apical junctional complex proteins in lens epithelial cells. <i>Experimental Eye Research</i> , <b>2008</b> , 87, 64-70	3.7	18
73	aPKC restricts the basolateral determinant PtdIns(3,4,5)P3 to the basal region. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 368, 249-55	3.4	18
72	Phosphatidic acid-dependent phosphorylation of a 29-kDa protein by protein kinase Calpha in bovine brain cytosol. <i>Journal of Neurochemistry</i> , <b>1998</b> , 71, 410-7	6	18
71	Cloning and evolution of calcium-dependent protease, cDNA cloning of a novel family of calcium-binding proteins. <i>Methods in Enzymology</i> , <b>1987</b> , 139, 363-79	1.7	18
70	Colicin E3 is an endonuclease. <i>Journal of Biochemistry</i> , <b>1978</b> , 84, 1637-40	3.1	18
69	PAR-3 controls endothelial planar polarity and vascular inflammation under laminar flow. <i>EMBO Reports</i> , <b>2018</b> , 19,	6.5	17
68	High expression of KIBRA in low atypical protein kinase C-expressing gastric cancer correlates with lymphatic invasion and poor prognosis. <i>Cancer Science</i> , <b>2013</b> , 104, 259-65	6.9	17

67	Regulation of transformed state by calpastatin via PKCepsilon in NIH3T3 mouse fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 290, 510-7	3.4	17
66	Involvement of protein kinase C epsilon in thyrotropin-releasing hormone-stimulated phosphorylation of the myristoylated alanine-rich C kinase substrate in rat pituitary clonal cells. <i>Electrophoresis</i> , <b>2000</b> , 21, 452-9	3.6	17
65	Transcriptional activation of the gene for the large subunit of human m-calpain by 12-o-tetradecanoyl-phorbol-13-acetate. <i>FEBS Letters</i> , <b>1992</b> , 304, 241-4	3.8	17
64	A novel yeast gene coding for a putative protein kinase. <i>Gene</i> , <b>1989</b> , 76, 177-80	3.8	17
63	Increased degradation of protein kinase C without diminution of mRNA level after treatment of WEHI-231 B lymphoma cells with phorbol esters. <i>Biochemical and Biophysical Research Communications</i> , <b>1988</b> , 155, 1311-7	3.4	17
62	Nicotine enhances the malignant potential of human pancreatic cancer cells via activation of atypical protein kinase C. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2016</b> , 1860, 2404-2415	4	17
61	Atypical Protein Kinase C Isoform, aPKC $\zeta$ Is Essential for Maintaining Hair Follicle Stem Cell Quiescence. <i>Journal of Investigative Dermatology</i> , <b>2015</b> , 135, 2584-2592	4.3	16
60	Involvement of PKC beta11 in anti-proliferating action of a new antitumor compound gnidimacrin. <i>International Journal of Cancer</i> , <b>2003</b> , 105, 601-6	7.5	16
59	The second phase activation of protein kinase C delta at late G1 is required for DNA synthesis in serum-induced cell cycle progression. <i>Genes To Cells</i> , <b>2003</b> , 8, 311-24	2.3	16
58	gp130 is involved in stretch-induced MAP kinase activation in cardiac myocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 245, 928-32	3.4	16
57	Differential expression of protein kinase C genes in cultured mast cells derived from normal and mast-cell-deficient mice and mast cell lines. <i>International Archives of Allergy and Immunology</i> , <b>1994</b> , 105, 258-63	3.7	16
56	Analysis of interferon-beta mRNA stability control after poly(I:C) stimulation using RNA metabolic labeling by ethynyluridine. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 428, 44-9	3.4	15
55	Evidence for a new, high-molecular weight isoform of protein kinase C in rat hippocampus. <i>Neuroscience Letters</i> , <b>1993</b> , 159, 175-8	3.3	15
54	Localization and developmental expression of a novel protein kinase C delta gene. <i>Developmental Brain Research</i> , <b>1992</b> , 70, 239-44		15
53	Loss of aPKC $\eta$ in differentiated neurons disrupts the polarity complex but does not induce obvious neuronal loss or disorientation in mouse brains. <i>PLoS ONE</i> , <b>2013</b> , 8, e84036	3.7	14
52	Protein kinase C epsilon phosphorylates keratin 8 at Ser8 and Ser23 in GH4C1 cells stimulated by thyrotropin-releasing hormone. <i>FEBS Journal</i> , <b>2007</b> , 274, 3270-85	5.7	14
51	Coexpression of aPKC $\zeta$ and IL-6 in prostate cancer tissue correlates with biochemical recurrence. <i>Cancer Science</i> , <b>2011</b> , 102, 1576-81	6.9	13
50	Involvement of protein kinase C in the activation of extracellular signal-regulated kinase 1/2 by UVC irradiation. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 240, 273-8	3.4	13

49	Calcium-Activated Neutral Protease (CANP) and its Biological and Medical Implications. <i>Progress in Clinical Biochemistry and Medicine</i> , <b>1987</b> , 43-65		13
48	aPKC $\zeta$ is a beneficial prognostic marker for pancreatic neoplasms. <i>Pancreatology</i> , <b>2013</b> , 13, 360-8	3.8	12
47	IDENTIFICATION AND DISTRIBUTION OF mRNA FOR CALCIUM-ACTIVATED NEUTRAL PROTEASE (CANP) . <i>Biomedical Research</i> , <b>1988</b> , 6, 323-327	1.5	12
46	Aberrant Expression of the Cell Polarity Regulator aPKC $\zeta$ is Associated With Disease Progression in Cervical Intraepithelial Neoplasia (CIN): A Possible Marker for Predicting CIN Prognosis. <i>International Journal of Gynecological Pathology</i> , <b>2016</b> , 35, 106-17	3.2	12
45	Tumor suppressor protein Lgl mediates G1 cell cycle arrest at high cell density by forming an Lgl-VprBP-DDB1 complex. <i>Molecular Biology of the Cell</i> , <b>2015</b> , 26, 2426-38	3.5	11
44	Conformation-dependent activation of type II adenylyl cyclase by protein kinase C. <i>Journal of Cellular Biochemistry</i> , <b>1997</b> , 64, 492-8	4.7	11
43	Regulation of the alternative splicing of sarcoplasmic reticulum Ca $^{2+}$ -ATPase1 (SERCA1) by phorbol 12-myristate 13-acetate (PMA) via a PKC pathway. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 423, 212-7	3.4	10
42	A novel function of the cell polarity-regulating kinase PAR-1/MARK in dendritic spines. <i>Bioarchitecture</i> , <b>2011</b> , 1, 261-266		10
41	The interaction of Kinesin-1 with its adaptor protein JIP1 can be regulated via proteins binding to the JIP1-PTB domain. <i>BMC Cell Biology</i> , <b>2013</b> , 14, 12		8
40	Neonatal pancreatic cells redifferentiate into both neural and pancreatic lineages. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 352, 84-90	3.4	8
39	Concentration-dependent phorbol stimulation of PKC $\alpha$ localization at the nucleus or subplasmalemma in A7r5 cells. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2001</b> , 443, 38-47	4.6	8
38	Diagnosis of Duchenne and Becker muscular dystrophies by DNA polymorphism. <i>Japanese Journal of Human Genetics</i> , <b>1987</b> , 32, 71-82		8
37	Studies on the physicochemical structure and stability of an active fragment (T2A) of colicin E3. <i>Journal of Biochemistry</i> , <b>1980</b> , 87, 761-9	3.1	8
36	Colorectal laterally spreading tumors show characteristic expression of cell polarity factors, including atypical protein kinase C $\zeta$ /E-cadherin, $\beta$ -catenin and basement membrane component. <i>Oncology Letters</i> , <b>2014</b> , 8, 977-984	2.6	7
35	Aberrant activation of atypical protein kinase C in carbon tetrachloride-induced oxidative stress provokes a disturbance of cell polarity and sealing of bile canalicular lumen. <i>American Journal of Pathology</i> , <b>2015</b> , 185, 958-68	5.8	7
34	A Ca(2+)-independent protein kinase C, nPKC $\epsilon$ : its structure, distribution and possible function. <i>Tohoku Journal of Experimental Medicine</i> , <b>1992</b> , 168, 275-8	2.4	7
33	Learning-Induced Suboptimal Compensation for PKC $\zeta$ Function in Mutant Mice. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 3284-3293	5.1	6
32	Regulation of Asymmetric Division by Atypical Protein Kinase C Influences Early Specification of CD8(+) T Lymphocyte Fates. <i>Scientific Reports</i> , <b>2016</b> , 6, 19182	4.9	6

31	Atypical protein kinase C isoforms differentially regulate directional keratinocyte migration during wound healing. <i>Journal of Dermatological Science</i> , <b>2019</b> , 93, 101-108	4.3	6
30	Symmetrically dividing cell specific division axes alteration observed in proteasome depleted <i>C. elegans</i> embryo. <i>Mechanisms of Development</i> , <b>2008</b> , 125, 743-55	1.7	6
29	Developmental changes in the expression pattern of the JNK activator kinase MUK/DLK/ZPK and active JNK in the mouse cerebellum. <i>Cell and Tissue Research</i> , <b>2006</b> , 325, 189-95	4.2	6
28	A yeast gene coding for a putative protein kinase homologous to cdc25 suppressing protein kinase. <i>FEBS Letters</i> , <b>1987</b> , 222, 279-85	3.8	6
27	Increased oxytocin-monomeric red fluorescent protein 1 fluorescent intensity with urocortin-like immunoreactivity in the hypothalamo-neurohypophysial system of aged transgenic rats. <i>Neuroscience Research</i> , <b>2018</b> , 128, 40-49	2.9	5
26	Conditionally replicative adenoviral vectors for imaging the effect of chemotherapy on pancreatic cancer cells. <i>Cancer Science</i> , <b>2013</b> , 104, 1083-90	6.9	5
25	The effects of carboxypeptidase digestion on the function of colicin E3. <i>Journal of Biochemistry</i> , <b>1980</b> , 87, 989-92	3.1	5
24	Aberrant Nuclear Localization of aPKC $\zeta$ Is Associated With Poorer Prognosis in Uterine Cervical Cancer. <i>International Journal of Gynecological Pathology</i> , <b>2019</b> , 38, 301-309	3.2	5
23	Distinct types of stem cell divisions determine organ regeneration and aging in hair follicles. <i>Nature Aging</i> , <b>2021</b> , 1, 190-204		5
22	sPAR-3, a splicing variant of PAR-3, shows cellular localization and an expression pattern different from that of PAR-3 during enterocyte polarization. <i>American Journal of Physiology - Renal Physiology</i> , <b>2005</b> , 288, G564-70	5.1	4
21	Expression in lung tumors and genetic mapping of the novel murine protein kinase C eta. <i>Molecular Carcinogenesis</i> , <b>1994</b> , 9, 111-3	5	4
20	The Asymmetric Cell Division Regulators Par3, Scribble and Pins/Gpsm2 Are Not Essential for Erythroid Development or Eucleation. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170295	3.7	4
19	Atypical Protein Kinase C $\zeta$ Expression Is Associated with Malignancy of Oral Squamous Cell Carcinoma. <i>Anticancer Research</i> , <b>2018</b> , 38, 6291-6297	2.3	4
18	Shank2 Binds to aPKC and Controls Tight Junction Formation with Rap1 Signaling during Establishment of Epithelial Cell Polarity. <i>Cell Reports</i> , <b>2020</b> , 31, 107407	10.6	3
17	Phosphatidylinositol 3-kinase is involved in TRE-dependent gene expression in response to arginine vasopressin. <i>Biochemical and Biophysical Research Communications</i> , <b>1995</b> , 215, 1037-42	3.4	3
16	Primary structure and evolution of calcium-activated neutral protease (CANP). <i>The Protein Journal</i> , <b>1987</b> , 6, 7		3
15	The PAR3-aPKC-PAR6 Complex <b>2015</b> , 3-23		3
14	Analysis of nonsense-mediated mRNA decay by monitoring mRNA half-lives in mammalian cells. <i>Cold Spring Harbor Protocols</i> , <b>2010</b> , 2010, pdb.prot5386	1.2	2

13	PKC gamma gene expression is delayed in postnatal central nervous system of mi/mi mice. <i>Journal of Molecular Neuroscience</i> , <b>1993</b> , 4, 245-53	3.3	2
12	High PKC $\beta$ expression is required for ALDH1-positive cancer stem cell function and indicates a poor clinical outcome in late-stage breast cancer patients. <i>PLoS ONE</i> , <b>2020</b> , 15, e0235747	3.7	2
11	Phosphorylation and dephosphorylation of Ser852 and Ser889 control the clustering, localization and function of PAR3. <i>Journal of Cell Science</i> , <b>2020</b> , 133,	5.3	2
10	Dominant negative effect of the truncated p110 subunit of phosphatidylinositol-3 kinase. <i>IUBMB Life</i> , <b>1996</b> , 39, 721-8	4.7	1
9	PKC <b>1995</b> , 80-88		1
8	Glyoxalase 1 and protein kinase C $\beta$ s potential therapeutic targets for late-stage breast cancer. <i>Oncology Letters</i> , <b>2021</b> , 22, 547	2.6	0
7	Cloning of leukotriene A4 hydrolase cDNA. <i>Methods in Enzymology</i> , <b>1990</b> , 187, 486-91	1.7	
6	Structure and Expression of the Cloned Genes for Human Interferon- $\beta$ <b>1983</b> , 259-278		
5	DETECTION OF DELETIONS IN DNA BY SLOT-BLOT HYBRIDIZATION: APPLICATION TO DUCHENNE MUSCULAR DYSTROPHY GENE . <i>Biomedical Research</i> , <b>1989</b> , 10, 65-69	1.5	
4	Structure, expression and function of protein kinase C and its related enzymes.. <i>Drug Delivery System</i> , <b>1990</b> , 5, 5-12	0	
3	A case of ameloblastoma of the mandible immediately reconstructed with the exarticulated condyle and a porous hydroxylapatite ceramic block.. <i>Nihon Koku Geka Gakkai Zasshi</i> , <b>1994</b> , 40, 822-824	0.1	
2	Ykr2: Ykr2 PK ( <i>S. cerevisiae</i> ) <b>1995</b> , 107		
1	A case of oral cancer suspected to be a granulocyte-colony-stimulating-factor-producing tumor.. <i>Nihon Koku Geka Gakkai Zasshi</i> , <b>1998</b> , 44, 394-396	0.1	