Shigeo Ohno

List of Publications by Year
in descending order

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226	23,204	6442	9829
papers	citations	81 h-index	143 g-index

252	252	252	19054
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The PAR-aPKC system: lessons in polarity. Journal of Cell Science, 2006, 119, 979-987.	2.1	639
2	Binding of a novel SMG-1-Upf1-eRF1-eRF3 complex (SURF) to the exon junction complex triggers Upf1 phosphorylation and nonsense-mediated mRNA decay. Genes and Development, 2006, 20, 355-367.	5.9	528
3	Protein Kinase C Î´ Activates the MEK-ERK Pathway in a Manner Independent of Ras and Dependent on Raf. Journal of Biological Chemistry, 1996, 271, 23512-23519.	3.5	515
4	An Atypical PKC Directly Associates and Colocalizes at the Epithelial Tight Junction with ASIP, a Mammalian Homologue of Caenorhabditis elegans Polarity Protein PAR-3. Journal of Cell Biology, 1998, 143, 95-106.	5.2	487
5	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. EMBO Journal, 1998, 17, 7260-7272.	8.2	483
6	Tissue-specific expression of three distinct types of rabbit protein kinase C. Nature, 1987, 325, 161-166.	36.2	479
7	Junctional adhesion molecules (JAMs): more molecules with dual functions?. Journal of Cell Science, 2004, 117, 19-29.	2.1	445
8	Helicobacter pylori CagA targets PAR1/MARK kinase to disrupt epithelial cell polarity. Nature, 2007, 447, 330-333.	36.2	443
9	A novel phorbol ester receptor/protein kinase, nPKC, distantly related to the protein kinase C family. Cell, 1988, 53, 731-741.	27.8	427
10	Atypical Protein Kinase C Is Involved in the Evolutionarily Conserved Par Protein Complex and Plays a Critical Role in Establishing Epithelia-Specific Junctional Structures. Journal of Cell Biology, 2001, 152, 1183-1196.	5.2	406
11	Increased proliferation of B cells and auto-immunity in mice lacking protein kinase CÎ´. Nature, 2002, 416, 865-869.	36.2	405
12	Intercellular junctions and cellular polarity: the PARâ€“aPKC complex, a conserved core cassette playing fundamental roles in cell polarity. Current Opinion in Cell Biology, 2001, 13, 641-648.	5.6	400
13	Characterization of SMG-9, an essential component of the nonsense-mediated mRNA decay SMG1C complex. Nucleic Acids Research, 2011, 39, 347-358.	14.0	386
14	Polarity-Dependent Distribution of Angiomotin Localizes Hippo Signaling in Preimplantation Embryos. Current Biology, 2013, 23, 1181-1194.	4.0	366
15	Evolutionary origin of a calcium-dependent protease by fusion of genes for a thiol protease and a calcium-binding protein?. Nature, 1984, 312, 566-570.	36.2	363
16	Requirement of Atypical Protein Kinase CÎ» for Insulin Stimulation of Glucose Uptake but Not for Akt Activation in 3T3-L1 Adipocytes. Molecular and Cellular Biology, 1998, 18, 6971-6982.	2.5	355
17	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. Genes and Development, 2001, 15, 2215-2228.	5.9	354
18	The cell polarity protein ASIP/PAR-3 directly associates with junctional adhesion molecule (JAM). EMBO Journal, 2001, 20, 3738-3748.	8.2	347

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19	Mammalian Lgl Forms a Protein Complex with PAR-6 and aPKC Independently of PAR-3 to Regulate Epithelial Cell Polarity. Current Biology, 2003, 13, 734-743.	4.0	347
20	PAR-6â€“PAR-3 mediates Cdc42-induced Rac activation through the Rac GEFs STEF/Tiam1. Nature Cell Biology, 2005, 7, 270-277.	10.0	337
21	Phosphorylation of hUPF1 Induces Formation of mRNA Surveillance Complexes Containing hSMG-5 and hSMG-7. Molecular Cell, 2003, 12, 1187-1200.	9.6	299
22	aPKC Acts Upstream of PAR-1b in Both the Establishment and Maintenance of Mammalian Epithelial Polarity. Current Biology, 2004, 14, 1425-1435.	4.0	285
23	Muscle Develops a Specific Form of Small Heat Shock Protein Complex Composed of MKBP/HSPB2 and HSPB3 during Myogenic Differentiation. Journal of Biological Chemistry, 2000, 275, 1095-1104.	3.5	274
24	PAR-6 regulates aPKC activity in a novel way and mediates cell-cell contact-induced formation of the epithelial junctional complex. Genes To Cells, 2001, 6, 721-731.	1.3	268
25	Role of the PAR-3â€“KIF3 complex in the establishment of neuronal polarity. Nature Cell Biology, 2004, 6, 328-334.	10.0	256
26	Tumor Necrosis Factor Signaling to Stress-activated Protein Kinase (SAPK)/Jun NH2-terminal Kinase (JNK) and p38. Journal of Biological Chemistry, 1998, 273, 22681-22692.	3.5	246
27	Delimitation and properties of DNA sequence: required for the regulated expression of human interferon-Î² gene. Cell, 1985, 41, 489-496.	27.8	236
28	Caveolin Interaction with Protein Kinase C. Journal of Biological Chemistry, 1997, 272, 33416-33421.	3.5	234
29	aPKC kinase activity is required for the asymmetric differentiation of the premature junctional complex during epithelial cell polarization. Journal of Cell Science, 2002, 115, 3565-3573.	2.1	229
30	Spatial regulation of VEGF receptor endocytosis in angiogenesis. Nature Cell Biology, 2013, 15, 249-260.	10.0	225
31	N- and C-terminal Upf1 phosphorylations create binding platforms for SMG-6 and SMG-5:SMG-7 during NMD. Nucleic Acids Research, 2012, 40, 1251-1266.	14.0	214
32	The Mixed Lineage Kinase SPRK Phosphorylates and Activates the Stress-activated Protein Kinase Activator, SEK-1. Journal of Biological Chemistry, 1996, 271, 19025-19028.	3.5	211
33	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. Genes and Development, 2009, 23, 1091-1105.	5.9	209
34	A Novel Integrin-Linked Kinaseâ€“Binding Protein, Affixin, Is Involved in the Early Stage of Cellâ€–Substrate Interaction. Journal of Cell Biology, 2001, 153, 1251-1264.	5.2	186
35	c-Jun N-Terminal Kinase (JNK)-Interacting Protein-1b/Islet-Brain-1 Scaffolds Alzheimer's Amyloid Precursor Protein with JNK. Journal of Neuroscience, 2001, 21, 6597-6607.	3.8	186
36	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. Journal of Biological Chemistry, 1997, 272, 15167-15173.	3.5	169

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37	Regulated protein-protein interaction between aPKC and PAR-3 plays an essential role in the polarization of epithelial cells. Genes To Cells, 2002, 7, 1161-1171.	1.3	167
38	MEK Kinase Is Involved in Tumor Necrosis Factor Î±-Induced NF-ÎºB Activation and Degradation of IÎºB-Î±. Journal of Biological Chemistry, 1996, 271, 13234-13238.	3.5	162
39	The von Hippel-Lindau Tumor Suppressor Protein Mediates Ubiquitination of Activated Atypical Protein Kinase C. Journal of Biological Chemistry, 2001, 276, 43611-43617.	3.5	162
40	Inactivation of aPKCÎ» results in the loss of adherens junctions in neuroepithelial cells without affecting neurogenesis in mouse neocortex. Development (Cambridge), 2006, 133, 1735-1744.	2.6	162
41	Protein Kinase C Î´ Inhibits the Proliferation of Vascular Smooth Muscle Cells by Suppressing G1 Cyclin Expression. Journal of Biological Chemistry, 1997, 272, 13816-13822.	3.5	161
42	Asymmetric distribution of PAR proteins in the mouse embryo begins at the 8-cell stage during compaction. Developmental Biology, 2005, 282, 307-319.	2.1	152
43	Interaction between PAR-3 and the aPKCâ€“PAR-6 complex is indispensable for apical domain development of epithelial cells. Journal of Cell Science, 2009, 122, 1595-1606.	2.1	149
44	PKCÎ» in liver mediates insulin-induced SREBP-1c expression and determines both hepatic lipid content and overall insulin sensitivity. Journal of Clinical Investigation, 2003, 112, 935-944.	8.2	148
45	Involvement of ASIP/PAR-3 in the promotion of epithelial tight junction formation. Journal of Cell Science, 2002, 115, 2485-2495.	2.1	146
46	Molecular cloning of the cDNA for the large subunit of the high-calcium-requiring form of human calcium-activated neutral protease. Biochemistry, 1988, 27, 8122-8128.	2.6	141
47	MKBP, a Novel Member of the Small Heat Shock Protein Family, Binds and Activates the Myotonic Dystrophy Protein Kinase. Journal of Cell Biology, 1998, 140, 1113-1124.	5.2	141
48	Transfection with Protein Kinase CÎ± Confers Increased Multidrug Resistance to MCF-7 Cells Expressing P-Glycoprotein. European Journal of Implant and Refractive Surgery, 1991, 3, 181-189.	0.4	140
49	AAA+ Proteins RUVBL1 and RUVBL2 Coordinate PIKK Activity and Function in Nonsense-Mediated mRNA Decay. Science Signaling, 2010, 3, ra27.	5.1	139
50	Structure of a chromosomal gene for human interferon Â. Proceedings of the National Academy of Sciences of the United States of America, 1981, 78, 5305-5309.	7.6	131
51	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. Advances in Enzyme Regulation, 1991, 31, 287-303.	2.5	129
52	Human homologues of theCaenorhabditis eleganscell polarity protein PAR6 as an adaptor that links the small GTPases Rac and Cdc42 to atypical protein kinase C. Genes To Cells, 2001, 6, 107-119.	1.3	124
53	The c-Jun N-Terminal Kinase Activator Dual Leucine Zipper Kinase Regulates Axon Growth and Neuronal Migration in the Developing Cerebral Cortex. Journal of Neuroscience, 2006, 26, 11992-12002.	3.8	124
54	The Epithelial Circumferential Actin Belt Regulates YAP/TAZ through Nucleocytoplasmic Shuttling of Merlin. Cell Reports, 2017, 20, 1435-1447.	6.3	124

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55	Self-association of PAR-3-mediated by the Conserved N-terminal Domain Contributes to the Development of Epithelial Tight Junctions. Journal of Biological Chemistry, 2003, 278, 31240-31250.	3.5	123
56	Protein Kinase C lambda/iota (PKClambda/iota): A PKC Isotype Essential for the Development of Multicellular Organisms. Journal of Biochemistry, 2003, 133, 9-16.	1.8	116
57	An essential role of the aPKCâ€“Aurora Aâ€“NDEL1 pathway in neurite elongation by modulation of microtubule dynamics. Nature Cell Biology, 2009, 11, 1057-1068.	10.0	112
58	Membrane-anchored metalloprotease MDC9 has an Î±-secretase activity responsible for processing the amyloid precursor protein. Biochemical Journal, 1999, 343, 371.	3.8	111
59	Lgl mediates apical domain disassembly by suppressing the PAR-3-aPKC-PAR-6 complex to orient apical membrane polarity. Journal of Cell Science, 2006, 119, 2107-2118.	2.1	108
60	Tumor Type-Dependent Function of the Par3 Polarity Protein in Skin Tumorigenesis. Cancer Cell, 2012, 22, 389-403.	16.8	107
61	PAR3 is essential for cyst-mediated epicardial development by establishing apical cortical domains. Development (Cambridge), 2006, 133, 1389-1398.	2.6	102
62	Nucleotide sequence of chick 14K Î²-galactoside-binding lectin mRNA. Biochemical and Biophysical Research Communications, 1986, 134, 51-56.	2.2	101
63	Role of Lgl/Dlg/Scribble in the regulation of epithelial junction, polarity and growth. Frontiers in Bioscience - Landmark, 2008, Volume, 6693.	3.1	100
64	Association of ASIP/mPARâ€3 with adherens junctions of mouse neuroepithelial cells. Developmental Dynamics, 2002, 225, 61-69.	1.9	99
65	Protein Kinase C Regulates Integrin-induced Activation of the Extracellular Regulated Kinase Pathway Upstream of Shc. Journal of Biological Chemistry, 1999, 274, 10571-10581.	3.5	98
66	Loss of von Hippel-Lindau protein causes cell density dependent deregulation of CyclinD1 expression through Hypoxia-inducible factor. Oncogene, 2003, 22, 2728-2738.	5.9	97
67	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. Journal of Agricultural and Food Chemistry, 2017, 65, 2315-2322.	5.3	95
68	Calcium activated neutral protease. - Structure-function relationship and functional implications.. Cell Structure and Function, 1990, 15, 1-6.	1.2	92
69	The overexpression and altered localization of the atypical protein kinase C Î»/Î¹ in breast cancer correlates with the pathologic type of these tumors. Human Pathology, 2008, 39, 824-831.	2.3	90
70	PKCÎ» in liver mediates insulin-induced SREBP-1c expression and determines both hepatic lipid content and overall insulin sensitivity. Journal of Clinical Investigation, 2003, 112, 935-944.	8.2	90
71	Direct Interaction of the Î²-Domain of VHL Tumor Suppressor Protein with the Regulatory Domain of Atypical PKC Isotypes. Biochemical and Biophysical Research Communications, 1999, 263, 491-497.	2.2	86
72	A distinct PAR complex associates physically with VEâ€cadherin in vertebrate endothelial cells. EMBO Reports, 2006, 7, 1239-1246.	5.1	85

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73	Purification and characterization of protein kinase C .epsilon. from rabbit brain. Biochemistry, 1992, 31, 482-490.	2.6	84
74	Inhibition of nonsense-mediated mRNA decay rescues the phenotype in Ullrich's disease. Annals of Neurology, 2004, 55, 740-744.	5.8	84
75	A fourth type of rabbit protein kinase C. Biochemistry, 1988, 27, 2083-2087.	2.6	83
76	Specific inhibition of nonsense-mediated mRNA decay components, SMG-1 or Upf1, rescues the phenotype of ullrich disease fibroblasts. Molecular Therapy, 2006, 14, 351-360.	8.1	83
77	Enzymatic Properties of a Novel Phorbol Ester Receptor/Protein Kinase, nPKC1. Journal of Biochemistry, 1989, 106, 673-678.	1.8	80
78	Overexpression of a Î²-galactoside binding protein causes transformation of BALB3T3 fibroblast cells. Biochemical and Biophysical Research Communications, 1991, 179, 272-279.	2.2	80
79	Inducer-responsive expression of the cloned human interferonÎ²1gene introduced into cultured mouse cells. Nucleic Acids Research, 1982, 10, 967-977.	14.0	79
80	Primary Structure of a Î³ Subunit of G Protein, Î³12, and Its Phosphorylation by Protein Kinase C. Journal of Biological Chemistry, 1995, 270, 29469-29475.	3.5	78
81	A Protein Kinase CÎ´-binding Protein SRBC Whose Expression Is Induced by Serum Starvation. Journal of Biological Chemistry, 1997, 272, 7381-7389.	3.5	78
82	Structures of SMG1-UPFs Complexes: SMG1 Contributes to Regulate UPF2-Dependent Activation of UPF1 in NMD. Structure, 2014, 22, 1105-1119.	3.4	77
83	Atypical protein kinase CÎ» binds and regulates p70 S6 kinase. Biochemical Journal, 1998, 335, 417-424.	3.8	74
84	The nonsense-mediated mRNA decay SMG-1 kinase is regulated by large-scale conformational changes controlled by SMG-8. Genes and Development, 2011, 25, 153-164.	5.9	74
85	MAPK-upstream protein kinase (MUK) regulates the radial migration of immature neurons in telencephalon of mouse embryo. Development (Cambridge), 2002, 129, 4483-4495.	2.6	73
86	KIBRA Suppresses Apical Exocytosis through Inhibition of aPKC Kinase Activity in Epithelial Cells. Current Biology, 2011, 21, 705-711.	4.0	72
87	Affixin interacts with Î±-actinin and mediates integrin signaling for reorganization of F-actin induced by initial cellâ€“substrate interaction. Journal of Cell Biology, 2004, 165, 539-551.	5.2	71
88	aPKCÎ»/Î¹ promotes growth of prostate cancer cells in an autocrine manner through transcriptional activation of interleukin-6. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16369-16374.	7.6	71
89	Possible role of Ca2+-independent protein kinase C isozyme, nPKCÉ›, in thyrotropin- releasing hormone-stimulated signal transduction: Differential down-regulation of nPKCÉ› in GH4C1 cells. Biochemical and Biophysical Research Communications, 1990, 172, 184-189.	2.2	69
90	The role of SMG-1 in nonsense-mediated mRNA decay. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2005, 1754, 305-315.	2.3	69

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91	Axon Formation in Neocortical Neurons Depends on Stage-Specific Regulation of Microtubule Stability by the Dual Leucine Zipper Kinaseâ€“c-Jun N-Terminal Kinase Pathway. Journal of Neuroscience, 2011, 31, 6468-6480.	3.8	69
92	ASPP2 Regulates Epithelial Cell Polarity through the PAR Complex. Current Biology, 2010, 20, 1408-1414.	4.0	68
93	Cell type-specific expression of the genes for the protein kinase C family: Down regulation of mRNAs for PKCÎ± and nPKCÎµ upon in vitro differentiation of a mouse neuroblastoma cell line Neuro 2a. Biochemical and Biophysical Research Communications, 1989, 165, 533-538.	2.2	64
94	Protein Kinase CÎ± Plays a Critical Role in Mannosylerythritol Lipid-induced Differentiation of Melanoma B16 Cells. Journal of Biological Chemistry, 2001, 276, 39903-39910.	3.5	64
95	Differentiation-Associated Localization of nPKCÎ¼, a Ca++-Independent Protein Kinase C, in Normal Human Skin and Skin Diseases. Journal of Investigative Dermatology, 1993, 101, 858-863.	0.7	63
96	Behavior of tight-junction, adherens-junction and cell polarity proteins during HNF-4Î±-induced epithelial polarization. Experimental Cell Research, 2005, 310, 66-78.	2.6	62
97	An Essential Role of the Universal Polarity Protein, aPKCÎ», on the Maintenance of Podocyte Slit Diaphragms. PLoS ONE, 2009, 4, e4194.	2.5	62
98	Solution Structure of Cysteine-Rich Domain of Protein Kinase CÎ±1. Journal of Biochemistry, 1995, 117, 566-574.	1.8	61
99	The Î· Isoform of Protein Kinase C Mediates Transcriptional Activation of the Human Transglutaminase 1 Gene. Journal of Biological Chemistry, 1996, 271, 9790-9794.	3.5	59
100	Function of Atypical Protein Kinase C Â in Differentiating Photoreceptors Is Required for Proper Lamination of Mouse Retina. Journal of Neuroscience, 2005, 25, 10290-10298.	3.8	59
101	PKCÎ» regulates glucose-induced insulin secretion through modulation of gene expression in pancreatic Î²2 cells. Journal of Clinical Investigation, 2005, 115, 138-145.	8.2	57
102	Purification and Characterization of Active Component and Active Fragment of Colicin E3. Journal of Biochemistry, 1977, 82, 1045-1053.	1.8	56
103	Interaction of Nck-associated protein 1 with activated GTP-binding protein Rac. Biochemical Journal, 1997, 322, 873-878.	3.8	52
104	High Expression of Atypical Protein Kinase C Î»/Î¹1 in Gastric Cancer as a Prognostic Factor for Recurrence. Annals of Surgical Oncology, 2010, 17, 81-88.	2.0	52
105	The 8th and 9th tandem spectrin-like repeats of utrophin cooperatively form a functional unit to interact with polarity-regulating kinase PAR-1b. Biochemical and Biophysical Research Communications, 2010, 391, 812-817.	2.2	50
106	The first CH domain of affixin activates Cdc42 and Rac1 through Î±PIX, a Cdc42/Rac1-specific guanine nucleotide exchanging factor. Genes To Cells, 2004, 9, 193-204.	1.3	49
107	The Inhibition of Differentiation Caused by TGFÎ²2 in Fetal Myoblasts Is Dependent upon Selective Expression of PKCÎ¸: A Possible Molecular Basis for Myoblast Diversification during Limb Histogenesis. Developmental Biology, 1996, 180, 156-164.	2.1	48
108	Expression of MUK/DLK/ZPK, an activator of the JNK pathway, in the nervous systems of the developing mouse embryo. Gene Expression Patterns, 2005, 5, 517-523.	0.8	48

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109	The 5' -flanking sequence of human interferon-Î²1, gene is responsible for viral induction of transcription. Nucleic Acids Research, 1983, 11, 5403-5412.	14.0	46
110	MAPK Upstream Kinase (MUK)-binding Inhibitory Protein, a Negative Regulator of MUK/Dual Leucine Zipper-bearing Kinase/Leucine Zipper Protein Kinase. Journal of Biological Chemistry, 2000, 275, 21247-21254.	3.5	46
111	Tumor suppressor protein VHL is induced at high cell density and mediates contact inhibition of cell growth. Oncogene, 2001, 20, 2727-2736.	5.9	46
112	Polarity-Regulating Kinase Partitioning-Defective 1/Microtubule Affinity-Regulating Kinase 2 Negatively Regulates Development of Dendrites on Hippocampal Neurons. Journal of Neuroscience, 2007, 27, 13098-13107.	3.8	46
113	Heat shock protein 90 regulates phosphatidylinositol 3â€kinaseâ€related protein kinase family proteins together with the RUVBL1/2 and Tel2â€containing coâ€factor complex. Cancer Science, 2012, 103, 50-57.	4.0	45
114	Differential Activation of Two JNK Activators, MKK7 and SEK1, by MKN28-derived Nonreceptor Serine/Threonine Kinase/Mixed Lineage Kinase 2. Journal of Biological Chemistry, 1998, 273, 7406-7412.	3.5	44
115	Hyperosmolality induces activation of cPKC and nPKC, a requirement for ERK1/2 activation in NIH/3T3 cells. American Journal of Physiology - Cell Physiology, 2000, 278, C102-C109.	4.6	44
116	A Novel Role for hSMG-1 in Stress Granule Formation. Molecular and Cellular Biology, 2011, 31, 4417-4429.	2.5	44
117	Integrated regulation of PIKK-mediated stress responses by AAA+ proteins RUVBL1 and RUVBL2. Nucleus, 2012, 3, 29-43.	2.2	44
118	Direct Binding of Lgl2 to LGN during Mitosis and Its Requirement for Normal Cell Division. Journal of Biological Chemistry, 2005, 280, 6761-6765.	3.5	43
119	Translocation of HSP27 and MKBP in Ischemic Heart.. Cell Structure and Function, 1999, 24, 181-185.	1.2	43
120	Cloning and characterization of the T-box gene Tbx6 in Xenopus laevis. Development Growth and Differentiation, 2001, 43, 657-669.	1.6	40
121	Role of PKC isoforms in glucose transport in 3T3-L1 adipocytes: insignificance of atypical PKC. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E338-E345.	3.7	40
122	Differential Induction of Protein Kinase C Isoforms at the Cardiac Hypertrophy Stage and Congestive Heart Failure Stage in Dahl Salt-Sensitive Rats. Hypertension Research, 2003, 26, 421-426.	2.8	40
123	A cell polarity protein aPKCÎ» is required for eye lens formation and growth. Developmental Biology, 2009, 336, 246-256.	2.1	39
124	Distant N- and C-terminal Domains Are Required for Intrinsic Kinase Activity of SMG-1, a Critical Component of Nonsense-mediated mRNA Decay*. Journal of Biological Chemistry, 2007, 282, 7799-7808.	3.5	38
125	Regulation of Asymmetric Division and CD8+ T Lymphocyte Fate Specification by Protein Kinase CÎ¶ and Protein Kinase CÎ»/Î¹. Journal of Immunology, 2015, 194, 2249-2259.	0.8	38
126	Regulation of epithelial cell polarity by PAR-3 depends on Girdin transcription and Girdinâ€“GÎ±i3 signaling. Journal of Cell Science, 2015, 128, 2244-2258.	2.1	38

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127	aPKC controls endothelial growth by modulating c-Myc via FoxO1 DNA-binding ability. Nature Communications, 2018, 9, 5357.	13.2	38
128	Stretch-Induced Map Kinase Activation in Cardiomyocytes of Angiotensinogen-Deficient Mice. Biochemical and Biophysical Research Communications, 1997, 235, 36-41.	2.2	37
129	Intracellular polarity protein PARâ€1 regulates extracellular laminin assembly by regulating the dystroglycan complex. Genes To Cells, 2009, 14, 835-850.	1.3	37
130	Protein kinase C is involved in 24-hydroxylase gene expression induced by 1,25(OH)2D3 in rat intestinal epithelial cells. Journal of Cellular Biochemistry, 1994, 55, 230-240.	2.6	36
131	aPKC enables development of zonula adherens by antagonizing centripetal contraction of the circumferential actomyosin cables. Journal of Cell Science, 2008, 121, 2481-2492.	2.1	36
132	Cholesterol sulfate, an activator of protein kinase C mediating squamous cell differentiation: a review. Mutation Research - Reviews in Mutation Research, 2000, 462, 189-195.	5.7	35
133	Dynamic changes in protein components of the tight junction during liver regeneration. Cell and Tissue Research, 2001, 305, 399-409.	3.0	35
134	<scp>PAR</scp> â€3 controls endothelial planar polarity and vascular inflammation under laminar flow. EMBO Reports, 2018, 19, .	5.1	35
135	Nucleotide exchange factor ECT2 regulates epithelial cell polarity. Cellular Signalling, 2006, 18, 1604-1615.	3.7	34
136	Maintenance of Dendritic Spine Morphology by Partitioning-Defective 1b through Regulation of Microtubule Growth. Journal of Neuroscience, 2011, 31, 12094-12103.	3.8	34
137	Translation-dependent unwinding of stemâ€“loops by UPF1 licenses Regnase-1 to degrade inflammatory mRNAs. Nucleic Acids Research, 2019, 47, 8838-8859.	14.0	34
138	Differential Effects of Overexpression of PKCÎ± and PKCÎ´/Îµ on Cellular E2F Activity in Late G1 Phase. Biochemical and Biophysical Research Communications, 1996, 222, 95-100.	2.2	33
139	Inhibition of SMG-8, a subunit of SMG-1 kinase, ameliorates nonsense-mediated mRNA decay-exacerbated mutant phenotypes without cytotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15037-15042.	7.6	32
140	The phosphorylation of HIV-1 Gag by atypical protein kinase C facilitates viral infectivity by promoting Vpr incorporation into virions. Retrovirology, 2014, 11, 9.	2.2	32
141	YSK1, a novel mammalian protein kinase structurally related to Ste20 and SPS1, but is not involved in the known MAPK pathways. Oncogene, 1997, 14, 2047-2057.	5.9	31
142	MTCL1 crosslinks and stabilizes non-centrosomal microtubules on the Golgi membrane. Nature Communications, 2014, 5, 5266.	13.2	31
143	Possible role of ILKâ€“affixin complex in integrinâ€“cytoskeleton linkage during platelet aggregation. Biochemical and Biophysical Research Communications, 2002, 297, 1324-1331.	2.2	30
144	The Î³-Parvin-Integrin-Linked Kinase Complex Is Critically Involved in Leukocyte-Substrate Interaction. Journal of Immunology, 2006, 176, 3611-3624.	0.8	30

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145	aPKCÎ» maintains the integrity of the glomerular slit diaphragm through trafficking of nephrin to the cell surface. Journal of Biochemistry, 2014, 156, 115-128.	1.8	30
146	Transient Up-regulation of Myotonic Dystrophy Protein Kinase-binding Protein, MKBP, and HSP27 in the Neonatal Myocardium.. Cell Structure and Function, 1999, 24, 1-4.	1.2	30
147	Inhibition of Insulin-induced Glucose Uptake by Atypical Protein Kinase C Isotype-specific Interacting Protein in 3T3-L1 Adipocytes. Journal of Biological Chemistry, 2000, 275, 26390-26395.	3.5	29
148	Loss of Partitioning-Defective-3/Isotype-Specific Interacting Protein (Par-3/ASIP) in the Elongating Spermatid of RA175 (IGSF4A/SynCAM)-Deficient Mice. American Journal of Pathology, 2007, 171, 1800-1810.	4.1	27
149	The KIBRA-aPKC connection. Communicative and Integrative Biology, 2012, 5, 146-151.	1.5	27
150	A novel PAR-1-binding protein, MTCL1, plays critical roles in organizing microtubules in polarizing epithelial cells. Journal of Cell Science, 2013, 126, 4671-83.	2.1	27
151	Nucleotide sequence of the 3' portion of a human gene for protein kinase CÎ²I/Î²II. Nucleic Acids Research, 1987, 15, 7179-7180.	14.0	25
152	Regulation of Î´ protein kinase C during rat ovarian differentiation. Biochimica Et Biophysica Acta - Molecular Cell Research, 1993, 1179, 260-270.	4.1	25
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