Pann-Ghill Suh

List of Publications by Year
in descending order

284 papers	13,297 citations	18482 62 h-index	34986 98 g-index
286 all docs	286 docs citations	286 times ranked	16167 citing authors

#	Article	IF	Citations
1	Phospholipase C-Î³ is a substrate for the PDGF and EGF receptor protein-tyrosine kinases in vivo and in vitro. Cell, 1989, 57, 1109-1122.	28.9	1,017
2	Multiple roles of phosphoinositide-specific phospholipase C isozymes. BMB Reports, 2008, 41, 415-434.	2.4	412
3	Phospholipase C isozymes selectively couple to specific neurotransmitter receptors. Nature, 1997, 389, 290-293.	27.8	293
4	Characterization of the Shank Family of Synaptic Proteins. Journal of Biological Chemistry, 1999, 274, 29510-29518.	3.4	270
5	Novel Compound 2-Methyl-2H-pyrazole-3-carboxylic Acid (2-methyl-4-o-tolylazo-phenyl)-amide (CH-223191) Prevents 2,3,7,8-TCDD-Induced Toxicity by Antagonizing the Aryl Hydrocarbon Receptor. Molecular Pharmacology, 2006, 69, 1871-1878.	2.3	229
6	Crystal Structures of Human DJ-1 and Escherichia coli Hsp31, Which Share an Evolutionarily Conserved Domain. Journal of Biological Chemistry, 2003, 278, 44552-44559.	3.4	213
7	Phospholipase signalling networks in cancer. Nature Reviews Cancer, 2012, 12, 782-792.	28.4	204
8	Resveratrol induces autophagy by directly inhibiting mTOR through ATP competition. Scientific Reports, 2016, 6, 21772.	3.3	200
9	Oâ€GlcNAcase is essential for embryonic development and maintenance of genomic stability. Aging Cell, 2012, 11, 439-448.	6.7	192
10	Phospholipase C-Î³ Is Required for Agonist-Induced Ca2+ Entry. Cell, 2002, 111, 529-541.	28.9	175
11	Glycolytic Flux Signals to mTOR through Glyceraldehyde-3-Phosphate Dehydrogenase-Mediated Regulation of Rheb. Molecular and Cellular Biology, 2009, 29, 3991-4001.	2.3	156
12	Phospholipase CÎ³1 is a physiological guanine nucleotide exchange factor for the nuclear GTPase PIKE. Nature, 2002, 415, 541-544.	27.8	149
13	Identification of a Compound That Directly Stimulates Phospholipase C Activity. Molecular Pharmacology, 2003, 63, 1043-1050.	2.3	143
14	A Role for Nuclear Phospholipase CÎ²1 in Cell Cycle Control. Journal of Biological Chemistry, 2000, 275, 30520-30524.	3.4	139
15	Serum Amyloid A Binding to Formyl Peptide Receptor-Like 1 Induces Synovial Hyperplasia and Angiogenesis. Journal of Immunology, 2006, 177, 5585-5594.	0.8	131
16	Lysophosphatidylcholine Activates Adipocyte Glucose Uptake and Lowers Blood Glucose Levels in Murine Models of Diabetes. Journal of Biological Chemistry, 2009, 284, 33833-33840.	3.4	127
17	The phox homology domain of phospholipase D activates dynamin GTPase activity and accelerates EGFR endocytosis. Nature Cell Biology, 2006, 8, 477-484.	10.3	119
18	Phosphoinositide-specific phospholipase C in health and disease. Journal of Lipid Research, 2015, 56, 1853-1860.	4.2	116

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19	Phospholipase C-Î´1 Is Activated by Capacitative Calcium Entry That Follows Phospholipase C-Î²2 Activation upon Bradykinin Stimulation. Journal of Biological Chemistry, 1999, 274, 26127-26134.	3.4	115
20	Cardiac Phospholipase D2 Localizes to Sarcolemmal Membranes and Is Inhibited by Î±-Actinin in an ADP-ribosylation Factor-reversible Manner. Journal of Biological Chemistry, 2000, 275, 21295-21301.	3.4	112
21	Phosphorylation of Nuclear Phospholipase C Î²1 by Extracellular Signal-Regulated Kinase Mediates the Mitogenic Action of Insulin-Like Growth Factor I. Molecular and Cellular Biology, 2001, 21, 2981-2990.	2.3	107
22	Requirement for the L-type Ca2+ channel Î±1D subunit in postnatal pancreatic Î² cell generation. Journal of Clinical Investigation, 2001, 108, 1015-1022.	8.2	107
23	An Obligatory Role of Mind Bomb-1 in Notch Signaling of Mammalian Development. PLoS ONE, 2007, 2, e1221.	2.5	105
24	Development of a Mitochondria-Targeted Hsp90 Inhibitor Based on the Crystal Structures of Human TRAP1. Journal of the American Chemical Society, 2015, 137, 4358-4367.	13.7	105
25	CXCL12 secreted from adipose tissue recruits macrophages and induces insulin resistance in mice. Diabetologia, 2014, 57, 1456-1465.	6.3	104
26	Structural basis for the extended substrate spectrum of CMY-10, a plasmid-encoded class C beta-lactamase. Molecular Microbiology, 2006, 60, 907-916.	2.5	101
27	Multiple forms of phosphoinositide-specific phospholipase C and different modes of activation. Biochemical Society Transactions, 1991, 19, 337-341.	3.4	100
28	Activation of phospholipase D1 by direct interaction with ADP-ribosylation factor 1 and RalA. FEBS Letters, 1998, 430, 231-235.	2.8	100
29	Actin Directly Interacts with Phospholipase D, Inhibiting Its Activity. Journal of Biological Chemistry, 2001, 276, 28252-28260.	3.4	100
30	Identification of the Peptides That Stimulate the Phosphoinositide Hydrolysis in Lymphocyte Cell Lines from Peptide Libraries. Journal of Biological Chemistry, 1996, 271, 8170-8175.	3.4	91
31	Elevated content of phospholipase C-Î³1 in colorectal cancer tissues. Cancer, 1994, 73, 36-41.	4.1	88
32	Human mesenchymal stem cell differentiation to the osteogenic or adipogenic lineage is regulated by AMPâ€activated protein kinase. Journal of Cellular Physiology, 2012, 227, 1680-1687.	4.1	88
33	Periostin-binding DNA Aptamer Inhibits Breast Cancer Growth and Metastasis. Molecular Therapy, 2013, 21, 1004-1013.	8.2	88
34	G-protein-coupled receptor 81 promotes a malignant phenotype in breast cancer through angiogenic factor secretion. Oncotarget, 2016, 7, 70898-70911.	1.8	88
35	Molecular Mechanisms Underlying Psychological Stress and Cancer. Current Pharmaceutical Design, 2016, 22, 2389-2402.	1.9	87
36	Regulation of Phospholipase C-Î²3 Activity by Na+/H+ Exchanger Regulatory Factor 2. Journal of Biological Chemistry, 2000, 275, 16632-16637.	3.4	86

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37	Primary phospholipase C and brain disorders. Advances in Biological Regulation, 2016, 61, 80-85.	2.3	86
38	NHERF2 Specifically Interacts with LPA 2 Receptor and Defines the Specificity and Efficiency of Receptor-Mediated Phospholipase C-Î²3 Activation. Molecular and Cellular Biology, 2004, 24, 5069-5079.	2.3	85
39	Selective activation of phospholipase D2 by unsaturated fatty acid. FEBS Letters, 1999, 454, 42-46.	2.8	83
40	The physiological roles of primary phospholipaseÂC. Advances in Biological Regulation, 2013, 53, 232-241.	2.3	83
41	Comparative proteomic analysis of the insulinâ€induced L6 myotube secretome. Proteomics, 2009, 9, 51-60.	2.2	82
42	A Novel Non-agonist Peroxisome Proliferator-activated Receptor Î³ (PPARÎ³) Ligand UHC1 Blocks PPARÎ³ Phosphorylation by Cyclin-dependent Kinase 5 (CDK5) and Improves Insulin Sensitivity. Journal of Biological Chemistry, 2014, 289, 26618-26629.	3.4	81
43	Macrophage migration inhibitory factor mediates the antidepressant actions of voluntary exercise. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13094-13099.	7.1	80
44	PPARÎ³ Antagonist Gleevec Improves Insulin Sensitivity and Promotes the Browning of White Adipose Tissue. Diabetes, 2016, 65, 829-839.	0.6	80
45	Accelerated Bone Regeneration by Two-Photon Photoactivated Carbon Nitride Nanosheets. ACS Nano, 2017, 11, 742-751.	14.6	78
46	Proteolytic cleavage of phospholipase Câ€“Î³1 during apoptosis in Moltâ€“4 cells. FASEB Journal, 2000, 14, 1083-1092.	0.5	76
47	Phospholipase D1 Is Phosphorylated and Activated by Protein Kinase C in Caveolin-enriched Microdomains within the Plasma Membrane. Journal of Biological Chemistry, 2000, 275, 13621-13627.	3.4	76
48	The Roles of PDZ-Containing Proteins in PLC-Î²-Mediated Signaling. Biochemical and Biophysical Research Communications, 2001, 288, 1-7.	2.1	76
49	Retinoic Acid Leads to Cytoskeletal Rearrangement through AMPK-Rac1 and Stimulates Glucose Uptake through AMPK-p38 MAPK in Skeletal Muscle Cells. Journal of Biological Chemistry, 2008, 283, 33969-33974.	3.4	76
50	Two forms of phosphatidylinositol-specific phospholipase C from bovine brain. Biochemical and Biophysical Research Communications, 1986, 141, 137-144.	2.1	74
51	The Interaction of Phospholipase C-Î²3 with Shank2 Regulates mGluR-mediated Calcium Signal. Journal of Biological Chemistry, 2005, 280, 12467-12473.	3.4	74
52	Quercetin suppresses HeLa cell viability via AMPKâ€induced HSP70 and EGFR downâ€regulation. Journal of Cellular Physiology, 2010, 223, 408-414.	4.1	73
53	Identification of novel chemoattractant peptides for human leukocytes. Blood, 2001, 97, 2854-2862.	1.4	70
54	Curcumin stimulates glucose uptake through AMPKâ€p38 MAPK pathways in L6 myotube cells. Journal of Cellular Physiology, 2010, 223, 771-778.	4.1	70

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55	The mechanism of phospholipase C-Î³1 regulation. Experimental and Molecular Medicine, 2000, 32, 101-109.	7.7	69
56	Purine-Based Inhibitors of Inositol-1,4,5-trisphosphate-3-kinase. ChemBioChem, 2002, 3, 897-901.	2.6	68
57	Luteolin inhibits the nuclear factor-ÎºB transcriptional activity in Rat-1 fibroblasts. Biochemical Pharmacology, 2003, 66, 955-963.	4.4	67
58	CAPE (caffeic acid phenethyl ester) stimulates glucose uptake through AMPK (AMP-activated protein) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2007, 361, 854-858.	2.1	67
59	Elevated O-GlcNAcylation promotes colonic inflammation and tumorigenesis by modulating NF-ÎºB signaling. Oncotarget, 2015, 6, 12529-12542.	1.8	67
60	Localization of two forms of phospholipase C-Î²1, a and b, in C6Bu-1 cells. Lipids and Lipid Metabolism, 1998, 1389, 76-80.	2.6	66
61	An activator of the cAMP/PKA/CREB pathway promotes osteogenesis from human mesenchymal stem cells. Journal of Cellular Physiology, 2013, 228, 617-626.	4.1	66
62	Involvement of Phospholipase D in Sphingosine 1-Phosphate-induced Activation of Phosphatidylinositol 3-Kinase and Akt in Chinese Hamster Ovary Cells Overexpressing EDG3. Journal of Biological Chemistry, 2001, 276, 35622-35628.	3.4	65
63	Sensitization of Epidermal Growth Factor-induced Signaling by Bradykinin Is Mediated by c-Src. Journal of Biological Chemistry, 2004, 279, 5852-5860.	3.4	65
64	o-GlcNAc transferase is activated by CaMKIV-dependent phosphorylation under potassium chloride-induced depolarization in NG-108-15 cells. Cellular Signalling, 2008, 20, 94-104.	3.6	65
65	Cyclic AMP Controls mTOR through Regulation of the Dynamic Interaction between Rheb and Phosphodiesterase 4D. Molecular and Cellular Biology, 2010, 30, 5406-5420.	2.3	65
66	Comparative analysis of the secretory proteome of human adipose stromal vascular fraction cells during adipogenesis. Proteomics, 2010, 10, 394-405.	2.2	64
67	Emodin Regulates Glucose Utilization by Activating AMP-activated Protein Kinase*. Journal of Biological Chemistry, 2013, 288, 5732-5742.	3.4	64
68	Up-regulation of nuclear PLC?1 in myogenic differentiation. Journal of Cellular Physiology, 2003, 195, 446-452.	4.1	61
69	Crosstalk between Src and major vault protein in epidermal growth factor-dependent cell signalling. FEBS Journal, 2006, 273, 793-804.	4.7	61
70	G2 arrest and apoptosis by 2-amino-N-quinoline-8-yl-benzenesulfonamide (QBS), a novel cytotoxic compound. Biochemical Pharmacology, 2005, 69, 1333-1341.	4.4	60
71	Trp-Lys-Tyr-Met-Val-D-Met stimulates superoxide generation and killing of Staphylococcus aureus via phospholipase D activation in human monocytes. Journal of Leukocyte Biology, 1999, 65, 241-248.	3.3	57
72	Activation of AMP-activated Protein Kinase Is Essential for Lysophosphatidic Acid-induced Cell Migration in Ovarian Cancer Cells. Journal of Biological Chemistry, 2011, 286, 24036-24045.	3.4	57

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73	Comparative secretome analysis of human bone marrowâ€derived mesenchymal stem cells during osteogenesis. Journal of Cellular Physiology, 2013, 228, 216-224.	4.1	57
74	Phospholipase C-Î³1 involved in brain disorders. Advances in Biological Regulation, 2013, 53, 51-62.	2.3	56
75	Phosphatidylinositol (3,4,5)-trisphosphate specifically interacts with the phox homology domain of phospholipase D1 and stimulates its activity. Journal of Cell Science, 2005, 118, 4405-4413.	2.0	53
76	O-GlcNAcylation in health and neurodegenerative diseases. Experimental and Molecular Medicine, 2021, 53, 1674-1682.	7.7	53
77	PLD2 forms a functional complex with mTOR/raptor to transduce mitogenic signals. Cellular Signalling, 2006, 18, 2283-2291.	3.6	52
78	Collapsin response mediator protein-2 regulates neurite formation by modulating tubulin GTPase activity. Cellular Signalling, 2009, 21, 1818-1826.	3.6	52
79	Thrap3 docks on phosphoserine 273 of PPARÎ³ and controls diabetic gene programming. Genes and Development, 2014, 28, 2361-2369.	5.9	52
80	O-GlcNAcylation regulates dopamine neuron function, survival and degeneration in Parkinson disease. Brain, 2020, 143, 3699-3716.	7.6	52
81	RhoA and Rho Kinase-dependent Phosphorylation of Moesin at Thr-558 in Hippocampal Neuronal Cells by Glutamate. Journal of Biological Chemistry, 2002, 277, 16576-16584.	3.4	51
82	Metformin sensitizes insulin signaling through AMPKâ€mediated pten downâ€regulation in preadipocyte 3T3â€L1 cells. Journal of Cellular Biochemistry, 2011, 112, 1259-1267.	2.6	51
83	Wnt5a stimulates chemotactic migration and chemokine production in human neutrophils. Experimental and Molecular Medicine, 2013, 45, e27-e27.	7.7	51
84	Phosphorylation-dependent Regulation of Phospholipase D2 by Protein Kinase CÎ´ in Rat Pheochromocytoma PC12 Cells. Journal of Biological Chemistry, 2002, 277, 8290-8297.	3.4	50
85	Phospholipase C-Î·1 is activated by intracellular Ca2+ mobilization and enhances GPCRs/PLC/Ca2+ signaling. Cellular Signalling, 2011, 23, 1022-1029.	3.6	50
86	Differential Signaling of Formyl Peptide Receptor-Like 1 by Trp-Lys-Tyr-Met-Val-Met-CONH₂or Lipoxin A4 in Human Neutrophils. Molecular Pharmacology, 2003, 64, 721-730.	2.3	49
87	Differential Activation of Formyl Peptide Receptor Signaling by Peptide Ligands. Molecular Pharmacology, 2003, 64, 841-847.	2.3	48
88	The Direct Interaction of Phospholipase C-Î³1 with Phospholipase D2 Is Important for Epidermal Growth Factor Signaling. Journal of Biological Chemistry, 2003, 278, 18184-18190.	3.4	48
89	Potential Inhibition of PDK1/Akt Signaling by Phenothiazines Suppresses Cancer Cell Proliferation and Survival. Annals of the New York Academy of Sciences, 2008, 1138, 393-403.	3.8	48
90	Nuclear Phosphatidylinositol Signaling: Focus on Phosphatidylinositol Phosphate Kinases and Phospholipases C. Journal of Cellular Physiology, 2016, 231, 1645-1655.	4.1	48

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91	Phospholipase D2 Activity Suppresses Hydrogen Peroxideâ€Induced Apoptosis in PC12 Cells. Journal of Neurochemistry, 2000, 75, 1053-1059.	3.9	47
92	Proteomic Analysis of Tumor Necrosis Factor-Alpha (TNF-Î±)-Induced L6 Myotube Secretome Reveals Novel TNF-Î±-Dependent Myokines in Diabetic Skeletal Muscle. Journal of Proteome Research, 2011, 10, 5315-5325.	3.7	47
93	Proteomic Analysis of the Palmitate-induced Myotube Secretome Reveals Involvement of the Annexin A1-Formyl Peptide Receptor 2 (FPR2) Pathway in Insulin Resistance*. Molecular and Cellular Proteomics, 2015, 14, 882-892.	3.8	47
94	AHNAK-mediated Activation of Phospholipase C-Î³1 through Protein Kinase C. Journal of Biological Chemistry, 2004, 279, 26645-26653.	3.4	46
95	Mind bomb-1 Is Essential for Intraembryonic Hematopoiesis in the Aortic Endothelium and the Subaortic Patches. Molecular and Cellular Biology, 2008, 28, 4794-4804.	2.3	46
96	Phospholipase C-Î³1 is a guanine nucleotide exchange factor for dynamin-1 and enhances dynamin-1-dependent epidermal growth factor receptor endocytosis. Journal of Cell Science, 2004, 117, 3785-3795.	2.0	45
97	Wedelolactone inhibits adipogenesis through the ERK pathway in human adipose tissueâ€derived mesenchymal stem cells. Journal of Cellular Biochemistry, 2012, 113, 3436-3445.	2.6	45
98	Androgen-induced expression of DRP1 regulates mitochondrial metabolic reprogramming in prostate cancer. Cancer Letters, 2020, 471, 72-87.	7.2	45
99	SREBP-2/PNPLA8 axis improves non-alcoholic fatty liver disease through activation of autophagy. Scientific Reports, 2016, 6, 35732.	3.3	44
100	PLCÎ³1: Potential arbitrator of cancer progression. Advances in Biological Regulation, 2018, 67, 179-189.	2.3	44
101	2,2â€²,4,6,6â€²-Pentachlorobiphenyl Induces Apoptosis in Human Monocytic Cells. Toxicology and Applied Pharmacology, 2000, 169, 1-7.	2.8	43
102	Interaction of Elongation Factor-1Î± and Pleckstrin Homology Domain of Phospholipase C-Î³1 with Activating Its Activity. Journal of Biological Chemistry, 2002, 277, 19697-19702.	3.4	43
103	Lysophosphatidic acid regulates blood glucose by stimulating myotube and adipocyte glucose uptake. Journal of Molecular Medicine, 2008, 86, 211-220.	3.9	43
104	Phospholipase C Î´-type consists of three isozymes: bovine PLCÎ´2 is a homologue of human/mouse PLCÎ´4. Biochemical and Biophysical Research Communications, 2004, 320, 537-543.	2.1	42
105	Trp-Lys-Tyr-Met-Val-d-Met is a chemoattractant for human phagocytic cells. Journal of Leukocyte Biology, 1999, 66, 915-922.	3.3	41
106	Independent Functioning of Cytosolic Phospholipase A2 and Phospholipase D1 in Trp-Lys-Tyr-Met-Val-D-Met-Induced Superoxide Generation in Human Monocytes. Journal of Immunology, 2000, 164, 4089-4096.	0.8	41
107	Collapsin Response Mediator Protein-2 Inhibits Neuronal Phospholipase D2 Activity by Direct Interaction. Journal of Biological Chemistry, 2002, 277, 6542-6549.	3.4	40
108	Nuclear PLCÎ²1 acts as a negative regulator of p45/NF-E2 expression levels in Friend erythroleukemia cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2002, 1589, 305-310.	4.1	40

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109	Src Homology Domains of Phospholipase C Î³1 Inhibit Nerve Growth Factorâ€induced Differentiation of PC12 Cells. Journal of Neurochemistry, 1998, 71, 178-185.	3.9	40
110	Sorting nexin 16 regulates EGF receptor trafficking by phosphatidylinositol-3-phosphate interaction with the Phox domain. Journal of Cell Science, 2004, 117, 4209-4218.	2.0	40
111	Inhibition of Muscarinic Receptor-linked Phospholipase D Activation by Association with Tubulin. Journal of Biological Chemistry, 2005, 280, 3723-3730.	3.4	40
112	RGS2 promotes formation of neurites by stimulating microtubule polymerization. Cellular Signalling, 2006, 18, 2182-2192.	3.6	40
113	Cdk5 phosphorylates PLD2 to mediate EGF-dependent insulin secretion. Cellular Signalling, 2008, 20, 1787-1794.	3.6	40
114	Proteolytic cleavage of epidermal growth factor receptor by caspases. FEBS Letters, 2001, 491, 16-20.	2.8	39
115	Endothelial Deletion of Phospholipase D2 Reduces Hypoxic Response and Pathological Angiogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1697-1703.	2.4	38
116	Purification and some properties of a phospholipase A2 from bovine platelets. Biochemical and Biophysical Research Communications, 1991, 174, 189-196.	2.1	37
117	Hydrogen peroxide induces association between glyceraldehyde 3-phosphate dehydrogenase and phospholipase D2 to facilitate phospholipase D2 activation in PC12 cells. Journal of Neurochemistry, 2003, 85, 1228-1236.	3.9	37
118	Thiram and Ziram Stimulate Non-Selective Cation Channel and Induce Apoptosis in PC12 Cells. NeuroToxicology, 2003, 24, 425-434.	3.0	37
119	Novel Functions of the Phospholipase D2-Phox Homology Domain in Protein Kinase CÎ¶ Activation. Molecular and Cellular Biology, 2005, 25, 3194-3208.	2.3	37
120	Osmotic Stress Regulates Mammalian Target of Rapamycin (mTOR) Complex 1 via c-Jun N-terminal Kinase (JNK)-mediated Raptor Protein Phosphorylation. Journal of Biological Chemistry, 2012, 287, 18398-18407.	3.4	37
121	Secretomics for skeletal muscle cells: A discovery of novel regulators?. Advances in Biological Regulation, 2012, 52, 340-350.	2.3	37
122	Accumulating insights into the role of phospholipase D2 in human diseases. Advances in Biological Regulation, 2016, 61, 42-46.	2.3	36
123	Sphingosine 1-phosphate induces vesicular endothelial growth factor expression in endothelial cells. BMB Reports, 2009, 42, 685-690.	2.4	36
124	Immunohistochemical localization of a brain isozyme of phospholipase C (PLC III) in astroglia in rat brain. Brain Research, 1989, 499, 193-197.	2.2	35
125	Localization of phospholipase C-Î³1 signaling in caveolae: importance in EGF-induced phosphoinositide hydrolysis but not in tyrosine phosphorylation. FEBS Letters, 2001, 491, 4-8.	2.8	35
126	Pleckstrin Homology Domains of Phospholipase C-Î³1 Directly Interact with Î²-Tubulin for Activation of Phospholipase C-Î³1 and Reciprocal Modulation of Î²-Tubulin Function in Microtubule Assembly. Journal of Biological Chemistry, 2005, 280, 6897-6905.	3.4	35

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127	O-GlcNAc modification modulates the expression of osteocalcin via OSE2 and Runx2. Biochemical and Biophysical Research Communications, 2007, 362, 325-329.	2.1	34
128	PLC-Î²1 and cell differentiation: An insight into myogenesis and osteogenesis. Advances in Biological Regulation, 2017, 63, 1-5.	2.3	34
129	Munc-18-1 Inhibits Phospholipase D Activity by Direct Interaction in an Epidermal Growth Factor-reversible Manner. Journal of Biological Chemistry, 2004, 279, 16339-16348.	3.4	33
130	Phospholipase CÎ³1 negatively regulates growth hormone signalling by forming a ternary complex with Jak2 and protein tyrosine phosphatase-1B. Nature Cell Biology, 2006, 8, 1389-1397.	10.3	33
131	A Cytosolic, GÎ±q- and Î²Î³-insensitive Splice Variant of Phospholipase C-Î²4. Journal of Biological Chemistry, 1998, 273, 3618-3624.	3.4	32
132	Secretin induces neurite outgrowth of PC12 through cAMP-mitogen-activated protein kinase pathway. Experimental and Molecular Medicine, 2006, 38, 85-93.	7.7	32
133	Cleavage of focal adhesion kinase is an early marker and modulator of oxidative stress-induced apoptosis. Chemico-Biological Interactions, 2008, 171, 57-66.	4.0	32
134	Netrinâ€1/ <scp>DCC</scp> â€mediated <scp>PLC</scp> Î³1 activation is required for axon guidance and brain structure development. EMBO Reports, 2018, 19, .	4.5	32
135	Subtype-specific role of phospholipase C-Î²2 in bradykinin and LPA signaling through differential binding of different PDZ scaffold proteins. Cellular Signalling, 2010, 22, 1153-1161.	3.6	31
136	DJ-1 contributes to adipogenesis and obesity-induced inflammation. Scientific Reports, 2015, 4, 4805.	3.3	31
137	Nuclear inositide signaling and cell cycle. Advances in Biological Regulation, 2018, 67, 1-6.	2.3	30
138	Phospholipase C-Î³1 potentiates integrin-dependent cell spreading and migration through Pyk2/paxillin activation. Cellular Signalling, 2007, 19, 1784-1796.	3.6	29
139	Subtype-specific roles of phospholipase C-Î²2 via differential interactions with PDZ domain proteins. Advances in Enzyme Regulation, 2011, 51, 138-151.	2.6	29
140	C1-Ten Is a Protein Tyrosine Phosphatase of Insulin Receptor Substrate 1 (IRS-1), Regulating IRS-1 Stability and Muscle Atrophy. Molecular and Cellular Biology, 2013, 33, 1608-1620.	2.3	29
141	Phospholipase A2-Mediated Ca2+ Influx by 2,2â€²,4,6-Tetrachlorobiphenyl in PC12 Cells. Toxicology and Applied Pharmacology, 2002, 178, 37-43.	2.8	28
142	Serotonin stimulates GnRH secretion through the c-Src-PLC Î³1 pathway in GT1â€“7 hypothalamic cells. Journal of Endocrinology, 2006, 190, 581-591.	2.6	28
143	Nuclear Inositide Signaling Via Phospholipase C. Journal of Cellular Biochemistry, 2017, 118, 1969-1978.	2.6	28
144	Memory and synaptic plasticity are impaired by dysregulated hippocampal O-GlcNAcylation. Scientific Reports, 2017, 7, 44921.	3.3	28

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145	Phospholipase D1 Mediates AMP-Activated Protein Kinase Signaling for Glucose Uptake. PLoS ONE, 2010, 5, e9600.	2.5	28
146	Phospholipase D2 induces stress fiber formation through mediating nucleotide exchange for RhoA. Cellular Signalling, 2011, 23, 1320-1326.	3.6	27
147	PDZ Domain-containing 1 (PDZK1) Protein Regulates Phospholipase C-Î²3 (PLC-Î²3)-specific Activation of Somatostatin by Forming a Ternary Complex with PLC-Î²3 and Somatostatin Receptors. Journal of Biological Chemistry, 2012, 287, 21012-21024.	3.4	27
148	Obesity resistance and increased energy expenditure by white adipose tissue browning in Oga +/- mice. Diabetologia, 2015, 58, 2867-2876.	6.3	27
149	Phospholipase CÎ³ in Toll-like receptor-mediated inflammation and innate immunity. Advances in Biological Regulation, 2017, 63, 92-97.	2.3	27
150	Grb2 negatively regulates epidermal growth factor-induced phospholipase C-Î³1 activity through the direct interaction with tyrosine-phosphorylated phospholipase C-Î³1. Cellular Signalling, 2005, 17, 1289-1299.	3.6	26
151	Roles of phosphoinositide-specific phospholipase CÎ³1 in brain development. Advances in Biological Regulation, 2016, 60, 167-173.	2.3	26
152	Nuclear Localization of Diacylglycerol Kinase Alpha in K562 Cells Is Involved in Cell Cycle Progression. Journal of Cellular Physiology, 2017, 232, 2550-2557.	4.1	26
153	Overexpression of Phospholipase C-Î³1 in Colorectal Carcinomas Is Associated with Overexpression of Factors That Bind Its Promoter. Journal of Biological Chemistry, 1995, 270, 16378-16384.	3.4	25
154	Inhibition of phospholipase C-Î²1-mediated signaling byO-GlcNAc modification. Journal of Cellular Physiology, 2006, 207, 689-696.	4.1	25
155	Pituitary Adenylate Cyclase-Activating Polypeptide 27 Is a Functional Ligand for Formyl Peptide Receptor-Like 1. Journal of Immunology, 2006, 176, 2969-2975.	0.8	25
156	HVEM Signaling in Monocytes Is Mediated by Intracellular Calcium Mobilization. Journal of Immunology, 2007, 179, 6305-6310.	0.8	25
157	Protein Kinase CÎ´-Mediated Phosphorylation of Phospholipase D Controls Integrin-Mediated Cell Spreading. Molecular and Cellular Biology, 2010, 30, 5086-5098.	2.3	25
158	The Glutamate Agonist Homocysteine Sulfinic Acid Stimulates Glucose Uptake through the Calcium-dependent AMPK-p38 MAPK-Protein Kinase C Î¶ Pathway in Skeletal Muscle Cells. Journal of Biological Chemistry, 2011, 286, 7567-7576.	3.4	25
159	Modulation of nuclear PI-PLCbeta1 during cell differentiation. Advances in Biological Regulation, 2016, 60, 1-5.	2.3	25
160	Response of high-risk MDS to azacitidine and lenalidomide is impacted by baseline and acquired mutations in a cluster of three inositide-specific genes. Leukemia, 2019, 33, 2276-2290.	7.2	25
161	Nuclear phospholipase C isoenzyme imbalance leads to pathologies in brain, hematologic, neuromuscular, and fertility disorders. Journal of Lipid Research, 2019, 60, 312-317.	4.2	25
162	Overexpression of phospholipase CÎ²-1 protects NIH3T3 cells from oxidative stress-induced cell death. Life Sciences, 2000, 67, 827-837.	4.3	24

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163	Phospholipase D1 Regulates Cell Migration in a Lipase Activity-independent Manner*. Journal of Biological Chemistry, 2006, 281, 15747-15756.	3.4	24
164	Nuclear translocation of PKCâ€•Î± is associated with cell cycle arrest and erythroid differentiation in myelodysplastic syndromes (MDSs). FASEB Journal, 2018, 32, 681-692.	0.5	24
165	Syntheses of sphingosine-1-phosphate stereoisomers and analogues and Their interaction with EDG receptors. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 237-240.	2.2	23
166	Phospholipase Activity of Phospholipase C-Î³1 Is Required for Nerve Growth Factor-regulated MAP Kinase Signaling Cascade in PC12 Cells. Journal of Biological Chemistry, 2003, 278, 52497-52503.	3.4	23
167	Targeted label-free quantitative analysis of secretory proteins from adipocytes in response to oxidative stress. Analytical Biochemistry, 2010, 401, 196-202.	2.4	23
168	Novel phosphorylation of PPARÎ³ ameliorates obesity-induced adipose tissue inflammation and improves insulin sensitivity. Cellular Signalling, 2015, 27, 2488-2495.	3.6	23
169	O-GlcNAcylation in cellular functions and human diseases. Advances in Biological Regulation, 2014, 54, 68-73.	2.3	22
170	Selective Activation of Nuclear PI-PLCbeta1 During Normal and Therapy-Related Differentiation. Current Pharmaceutical Design, 2016, 22, 2345-2348.	1.9	22
171	The Na+/H+ exchanger regulatory factor 2 mediates phosphorylation of serum- and glucocorticoid-induced protein kinase 1 by 3-phosphoinositide-dependent protein kinase 1. Biochemical and Biophysical Research Communications, 2002, 298, 207-215.	2.1	21
172	Sphingosine mediates FTY720-induced apoptosis in LLC-PK1 cells. Experimental and Molecular Medicine, 2004, 36, 420-427.	7.7	21
173	Apolipoprotein a1 increases mitochondrial biogenesis through AMP-activated protein kinase. Cellular Signalling, 2015, 27, 1873-1881.	3.6	21
174	Inhibition of Phospholipase D by a Protein Factor from Bovine Brain Cytosol. Journal of Biological Chemistry, 1996, 271, 25213-25219.	3.4	20
175	Bradykinin activates phospholipase D2 via protein kinase CÎ´ in PC12 cells. Neuroscience Letters, 2000, 294, 130-132.	2.1	20
176	Dexamethasone differentiates NG108-15 cells through cyclooxygenase 1 induction. Experimental and Molecular Medicine, 2003, 35, 203-210.	7.7	20
177	Analysis of Interactions between the Epidermal Growth Factor Receptor and Soluble Ligands on the Basis of Singleâ€Molecule Diffusivity in the Membrane of Living Cells. Angewandte Chemie - International Edition, 2015, 54, 7028-7032.	13.8	20
178	A myristoylated pseudosubstrate peptide of PKC-Î¶ induces degranulation in HMC-1 cells independently of PKC-Î¶ activity. Life Sciences, 2008, 82, 733-740.	4.3	19
179	Flightless-1, a novel transcriptional modulator of PPARÎ³ through competing with RXRÎ±. Cellular Signalling, 2015, 27, 614-620.	3.6	19
180	Distribution of the Receptor for a Novel Peptide Stimulating Phosphoinositide Hydrolysis in Human Leukocytes. Clinical Biochemistry, 1998, 31, 137-141.	1.9	18

#	Article	IF	Citations
181	Role of Phospholipase C-Î³1 in Insulin-like Growth Factor I-Induced Muscle Differentiation of H9c2 Cardiac Myoblasts. Biochemical and Biophysical Research Communications, 2001, 282, 816-822.	2.1	18
182	Lysophosphatidylserine regulates blood glucose by enhancing glucose transport in myotubes and adipocytes. Biochemical and Biophysical Research Communications, 2009, 378, 783-788.	2.1	18
183	Ochratoxin A Inhibits Adipogenesis Through the Extracellular Signal-Related Kinasesâ€“Peroxisome Proliferator-Activated Receptor-Î³ Pathway in Human Adipose Tissue-Derived Mesenchymal Stem Cells. Stem Cells and Development, 2011, 20, 415-426.	2.1	18
184	NOTUM Is Involved in the Progression of Colorectal Cancer. Cancer Genomics and Proteomics, 2018, 15, 485-497.	2.0	18
185	Pleckstrin homology domain of phospholipase C-Î³1 directly binds to 68-kDa neurofilament light chain. Experimental and Molecular Medicine, 2006, 38, 265-272.	7.7	17
186	O-GlcNAc cycling enzymes control vascular development of the placenta by modulating the levels of HIF-1Î±. Placenta, 2015, 36, 1063-1068.	1.5	17
187	Deletion of PLCÎ³1 in GABAergic neurons increases seizure susceptibility in aged mice. Scientific Reports, 2019, 9, 17761.	3.3	17
188	A novel DAG-dependent mechanism links PKCa and Cyclin B1 regulating cell cycle progression. Oncotarget, 2014, 5, 11526-11540.	1.8	17
189	Hydrogen peroxide-induced phospholipase D2 activation in lymphocytic leukemic L1210 cells. Journal of Leukocyte Biology, 2000, 67, 630-636.	3.3	16
190	Crystal Structure of Filamentous Aggregates of Human DJ-1 Formed in an Inorganic Phosphate-dependent Manner. Journal of Biological Chemistry, 2008, 283, 34069-34075.	3.4	16
191	Siah Proteins Induce the Epidermal Growth Factor-dependent Degradation of Phospholipase Cїµ. Journal of Biological Chemistry, 2008, 283, 1034-1042.	3.4	16
192	Parkin ubiquitinates mTOR to regulate mTORC1 activity under mitochondrial stress. Cellular Signalling, 2014, 26, 2122-2130.	3.6	16
193	Functional interaction between CTGF and FPRL1 regulates VEGF-A-induced angiogenesis. Cellular Signalling, 2015, 27, 1439-1448.	3.6	16
194	Location-dependent role of phospholipase C signaling in the brain: Physiology and pathology. Advances in Biological Regulation, 2021, 79, 100771.	2.3	16
195	Down-regulation of phospholipase C-Î³1 during the differentiation of U937 cells. FEBS Letters, 1995, 358, 105-108.	2.8	15
196	Dynamic relocalization of NHERF1 mediates chemotactic migration of ovarian cancer cells toward lysophosphatidic acid stimulation. Experimental and Molecular Medicine, 2017, 49, e351-e351.	7.7	15
197	Prediction of Alzheimerâ€™s disease-specific phospholipase c gamma-1 SNV by deep learning-based approach for high-throughput screening. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
198	Lower Absorption of Cholesteryl Oleate in Rats Supplemented with Areca catechu L. Extract. Annals of Nutrition and Metabolism, 2000, 44, 170-176.	1.9	14

#	Article	IF	Citations
199	Inhibition of the EGF-induced activation of phospholipase C-Î³1 by a single chain antibody fragment. Oncogene, 2001, 20, 7954-7964.	5.9	14
200	Spiraeoside inhibits mast cells activation and IgE-mediated allergic responses by suppressing phospholipase C-Î³-mediated signaling. Biochemistry and Cell Biology, 2015, 93, 227-235.	2.0	14
201	Korea Brain Initiative: Emerging Issues and Institutionalization of Neuroethics. Neuron, 2019, 101, 390-393.	8.1	14
202	Immunohistochemical localization of eight phospholipase C isozymes in pancreatic islets of the mouse. Experimental and Molecular Medicine, 2001, 33, 164-168.	7.7	13
203	Neurotensin enhances nitric oxide generation via the JAK2-STAT1 pathway in murine macrophage Raw264.7 cells during costimulation with LPS and IFNÎ³. Neuropeptides, 2006, 40, 221-229.	2.2	13
204	Inositide-dependent signaling pathways as new therapeutic targets in myelodysplastic syndromes. Expert Opinion on Therapeutic Targets, 2016, 20, 677-687.	3.4	13
205	Phospholipase Câ€Î²1 potentiates glucoseâ€stimulated insulin secretion. FASEB Journal, 2019, 33, 10668-10679.	0.5	13
206	Glucosylceramide synthase regulates adipoâ€osteogenic differentiation through synergistic activation of PPARÎ³ with GlcCer. FASEB Journal, 2020, 34, 1270-1287.	0.5	13
207	Plasma Cell Granuloma in Cyclosporine-Induced Gingival Overgrowth: A Report of Two Cases with Immunohistochemical Positivity of Interleukin-6 and Phospholipase C-gamma1. Journal of Korean Medical Science, 2002, 17, 704.	2.5	12
208	Novel chemoattractant peptides for human leukocytes. Biochemical Pharmacology, 2003, 66, 1841-1851.	4.4	12
209	NHERF2 increases platelet-derived growth factor-induced proliferation through PI-3-kinase/Akt-, ERK-, and Src family kinase-dependent pathway. Cellular Signalling, 2004, 16, 791-800.	3.6	12
210	Phospholipase C-Ïµ Augments Epidermal Growth Factor-dependent Cell Growth by Inhibiting Epidermal Growth Factor Receptor Down-regulation. Journal of Biological Chemistry, 2008, 283, 341-349.	3.4	12
211	Zafirlukast promotes insulin secretion by increasing calcium influx through Lâ€type calcium channels. Journal of Cellular Physiology, 2018, 233, 8701-8710.	4.1	12
212	A secretome profile indicative of oleate-induced proliferation of HepG2 hepatocellular carcinoma cells. Experimental and Molecular Medicine, 2018, 50, 1-14.	7.7	12
213	The synthetic chemoattractant peptide, Trp-Lys-Tyr-Met-Val-D-Met, enhances monocyte survival via PKC-dependent Akt activation. Journal of Leukocyte Biology, 2002, 71, 329-38.	3.3	12
214	Impact of phospholipase C Î²1 in glioblastoma: a study on the main mechanisms of tumor aggressiveness. Cellular and Molecular Life Sciences, 2022, 79, 195.	5.4	12
215	A G-protein-coupled 130 kDa phospholipase C isozyme, PLC-Î²4, from the particulate fraction of bovine cerebellum. FEBS Letters, 1993, 331, 38-42.	2.8	11
216	Transformation of rat fibroblasts by phospholipase C-Î³1 overexpression is accompanied by tyrosine dephosphorylation of paxillin. FEBS Letters, 1999, 460, 161-165.	2.8	11

#	Article	IF	Citations
217	Hydrogen Peroxide-Induced VCAM-1 Expression in Pancreatic Islets and Î²-Cells Through Extracellular Ca2+ Influx. Transplantation, 2008, 86, 1257-1266.	1.0	11
218	Phosphorylation of Phospholipase Câ€Î´₁ Regulates its Enzymatic Activity. Journal of Cellular Biochemistry, 2009, 108, 638-650.	2.6	11
219	Deacetylated Î±Î²-tubulin acts as a positive regulator of Rheb GTPase through increasing its GTP-loading. Cellular Signalling, 2013, 25, 539-551.	3.6	11
220	Phospholipase Signaling in Breast Cancer. Advances in Experimental Medicine and Biology, 2021, 1187, 23-52.	1.6	11
221	The Role of Phospholipase C in GABAergic Inhibition and Its Relevance to Epilepsy. International Journal of Molecular Sciences, 2021, 22, 3149.	4.1	11
222	Loss of phospholipase D2 impairs VEGF-induced angiogenesis. BMB Reports, 2016, 49, 191-196.	2.4	11
223	Trp-Lys-Tyr-Met-Val-Met activates mitogen-activated protein kinase via a PI-3 kinase-mediated pathway independent of PKC. Life Sciences, 1999, 65, 1845-1856.	4.3	10
224	Negative regulatory role of overexpression of PLCÎ³1in the expression of early growth response 1 gene in rat 3Y1 fibroblasts. FASEB Journal, 2002, 16, 1504-1514.	0.5	10
225	Inositol 5'-phosphatase, SHIP1 interacts with phospholipase C-Î³1 and modulates EGF-induced PLC activity. Experimental and Molecular Medicine, 2005, 37, 161-168.	7.7	10
226	C-terminally mutated tubby protein accumulates in aggresomes. BMB Reports, 2017, 50, 37-42.	2.4	10
227	ATP-induced mitogenesis is modulated by phospholipase D2 through extracellular signal regulated protein kinase dephosphorylation in rat pheochromocytoma PC12 cells. Neuroscience Letters, 2001, 313, 117-120.	2.1	9
228	Thimerosal induces oxidative stress in HeLa S epithelial cells. Environmental Toxicology and Pharmacology, 2006, 22, 194-199.	4.0	9
229	Determination of EGFR Endocytosis Kinetic by Auto-Regulatory Association of PLD1 with Î¼2. PLoS ONE, 2009, 4, e7090.	2.5	9
230	Identification of novel phosphatidic acid-binding proteins in the rat brain. Neuroscience Letters, 2015, 595, 108-113.	2.1	9
231	Nudix-type motif 2 contributes to cancer proliferation through the regulation of Rag GTPase-mediated mammalian target of rapamycin complex 1 localization. Cellular Signalling, 2017, 32, 24-35.	3.6	9
232	The regulation of insulin secretion via phosphoinositide-specific phospholipase CÎ² signaling. Advances in Biological Regulation, 2019, 71, 10-18.	2.3	9
233	Involvement of SH2-SH2-SH3 domain of phospholipase CÎ³1 in NF-ÎºB signaling. FEBS Letters, 2000, 472, 45-49.	2.8	8
234	Crystallization and preliminary X-ray crystallographic analyses of CMY-1 and CMY-10, plasmidic class C Î²-lactamases with extended substrate spectrum. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 382-384.	2.5	8

#	Article	IF	Citations
235	Identification of a new functional target of haloperidol metabolite: implications for a receptor-independent role of 3-(4-fluorobenzoyl) propionic acid. Journal of Neurochemistry, 2006, 99, 458-469.	3.9	8
236	Molecular Events of Insulin Action Occur at Lipid Raft/Caveolae in Adipocytes. Journal of Life Science, 2007, 17, 56-63.	0.2	8
237	Immunological characterization of 130 kDa phospholipase C-Î²4 isozyme in rat cerebellar Purkinje cells. Neuroscience Letters, 2000, 292, 9-12.	2.1	7
238	Regulation of phospholipase C-Î³1 by protein kinase A-dependent phosphorylation. Advances in Enzyme Regulation, 2002, 42, 195-211.	2.6	7
239	Regulation of phospholipase D2 by GTP-dependent interaction with dynamin. Advances in Enzyme Regulation, 2004, 44, 249-264.	2.6	7
240	Recent advances in MDS mutation landscape: Splicing and signalling. Advances in Biological Regulation, 2020, 75, 100673.	2.3	7
241	Uncovering a novel role of PLCÎ²4 in selectively mediating TCR signaling in CD8+ but not CD4+ T cells. Journal of Experimental Medicine, 2021, 218, .	8.5	7
242	Phospholipase CÎ³1 represses colorectal cancer growth by inhibiting the Wnt/Î²-catenin signaling axis. Biochemical and Biophysical Research Communications, 2021, 577, 103-109.	2.1	7
243	IPMK and Î²-catenin mediate PLC-Î²1-dependent signaling in myogenic differentiation. Oncotarget, 2016, 7, 84118-84127.	1.8	7
244	Reduced expression of PLC-Î³ during the differentiation of mouse F9 teratocarcinoma cells. Cancer Letters, 1993, 68, 237-242.	7.2	6
245	In vitro assay of neurofilament light chain self-assembly using truncated mutants. Journal of Neuroscience Methods, 2007, 161, 199-204.	2.5	6
246	Phosphatidylinositol phosphates directly bind to neurofilament light chain (NF-L) for the regulation of NF-L self assembly. Experimental and Molecular Medicine, 2011, 43, 153.	7.7	6
247	Development of ERE/DRE-dual CALUX bioassays system for monitoring estrogen- and dioxin-like persistent organic pollutants. Biotechnology and Bioprocess Engineering, 2012, 17, 634-642.	2.6	6
248	The thalamic mGluR1-PLCÎ²4 pathway is critical in sleep architecture. Molecular Brain, 2016, 9, 100.	2.6	6
249	The function of PLCÎ³1 in developing mouse mDA system. Advances in Biological Regulation, 2020, 75, 100654.	2.3	6
250	Cell signaling pathways in autosomal-dominant leukodystrophyÂ(ADLD): the intriguing role of the astrocytes. Cellular and Molecular Life Sciences, 2021, 78, 2781-2795.	5.4	6
251	Prediction of genetic alteration of phospholipase C isozymes in brain disorders: Studies with deep learning. Advances in Biological Regulation, 2021, 82, 100833.	2.3	6
252	The synthetic peptide, His-Phe-Tyr-Leu-Pro-Met, is a chemoattractant for Jukat T cells. Experimental and Molecular Medicine, 2001, 33, 257-262.	7.7	5

#	Article	IF	Citations
253	C-terminal part of AgRP stimulates insulin secretion through calcium release in pancreatic Î² Rin5mf cells. Neuropeptides, 2005, 39, 385-393.	2.2	5
254	A double point mutation in PCL-Î³1 (Y509A/F510A) enhances Y783 phosphorylation and inositol phospholipid-hydrolyzing activity upon EGF stimulation. Experimental and Molecular Medicine, 2010, 42, 216.	7.7	5
255	Propyl Gallate Inhibits Adipogenesis by Stimulating Extracellular Signal-Related Kinases in Human Adipose Tissue-Derived Mesenchymal Stem Cells. Molecules and Cells, 2015, 38, 336-342.	2.6	5
256	Inositide-Dependent Nuclear Signalling in Health and Disease. Handbook of Experimental Pharmacology, 2019, 259, 291-308.	1.8	5
257	Phospholipase C beta1 (Plâ€PLCbeta1)/Cyclin D3/protein kinase C (PKC) alpha signaling modulation during ironâ€induced oxidative stress in myelodysplastic syndromes (MDS). FASEB Journal, 2020, 34, 15400-15416.	0.5	5
258	Phospholipase CÎ³1 links inflammation and tumorigenesis in colitis-associated cancer. Oncotarget, 2018, 9, 5752-5763.	1.8	5
259	Role of PLCÎ³1 in the modulation of cell migration and cell invasion in glioblastoma. Advances in Biological Regulation, 2022, 83, 100838.	2.3	5
260	2,2',4,6,6'-Pentachlorobiphenyl Induces Mitotic Arrest and p53 Activation. Toxicological Sciences, 2004, 78, 215-221.	3.1	4
261	Leumorphin has an anti-apoptotic effect by activating epidermal growth factor receptor kinase in rat pheochromocytoma PC12 cells. Journal of Neurochemistry, 2005, 95, 56-67.	3.9	4
262	The androgenic anabolic steroid tetrahydrogestrinone produces dioxin-like effects via the aryl hydrocarbon receptor. Toxicology in Vitro, 2012, 26, 1129-1133.	2.4	4
263	Point Mutations in the Split PLC-Î³1 PH Domain Modulate Phosphoinositide Binding. BMB Reports, 2004, 37, 720-725.	2.4	4
264	Regulation of C1-Ten protein tyrosine phosphatase by p62/SQSTM1-mediated sequestration and degradation. Cellular Signalling, 2014, 26, 2470-2480.	3.6	3
265	GTP-dependent interaction between phospholipase D and dynamin modulates fibronectin-induced cell spreading. Cellular Signalling, 2015, 27, 2363-2370.	3.6	3
266	Phospholipid-related signaling in physiology and pathology. Advances in Biological Regulation, 2016, 61, 1.	2.3	3
267	Inhibitory effect of tartrate against phosphate-induced DJ-1 aggregation. International Journal of Biological Macromolecules, 2018, 107, 1650-1658.	7.5	3
268	Loss of DJ-1 promotes browning of white adipose tissue in diet-induced obese mice. Journal of Nutritional Biochemistry, 2018, 61, 56-67.	4.2	3
269	Crystallization and preliminary X-ray crystallographic analysis of SEDL. Acta Crystallographica Section D: Biological Crystallography, 2002, 58, 564-566.	2.5	2
270	Crystallization and preliminary X-ray crystallographic analysis of ayedUgene product fromEscherichia coli. Acta Crystallographica Section D: Biological Crystallography, 2002, 58, 1217-1219.	2.5	2

#	Article	IF	Citations
271	Mouse Sphingosine Kinase 1a Is Negatively Regulated through Conventional PKC-Dependent Phosphorylation at S373 Residue. PLoS ONE, 2015, 10, e0143695.	2.5	2
272	Phospholipase CÎ³1 is required for normal irritant contact dermatitis responses and sebaceous gland homeostasis. Experimental Dermatology, 2019, 28, 1051-1057.	2.9	2
273	2,2',4,6,6'-Pentachlorobiphenyl-Induced Apoptosis Is Limited by Cyclooxygenase-2 Induction. Toxicological Sciences, 2004, 83, 397-404.	3.1	1
274	Ligand profiling and identification technology for searching bioactive ligands. Proteomics, 2006, 6, 1741-1749.	2.2	1
275	Protein kinase C-Î± negatively regulates EGF-induced PLC-Ã› activity through direct phosphorylation. Advances in Enzyme Regulation, 2010, 50, 178-189.	2.6	1
276	Analysis of Interactions between the Epidermal Growth Factor Receptor and Soluble Ligands on the Basis of Singleâ€Molecule Diffusivity in the Membrane of Living Cells. Angewandte Chemie, 2015, 127, 7134-7138.	2.0	1
277	Current therapy and new drugs: a road to personalized treatment of myelodysplastic syndromes. Expert Review of Precision Medicine and Drug Development, 2018, 3, 23-31.	0.7	1
278	Cloning and characterization of 5'-upstream region of human phospholipase C-Î²2 gene. Experimental and Molecular Medicine, 2001, 33, 76-82.	7.7	0
279	Compounds stimulating cytosolic phospholipase A2 activity with a combinational action mode. Biochemical and Biophysical Research Communications, 2004, 325, 632-638.	2.1	0
280	Foreword: â€œCurrent trends in cancer and signallingâ€• Advances in Biological Regulation, 2018, 68, 1.	2.3	0
281	Direct tyrosine phosphorylation of Akt/PKB by epidermal growth factor receptor. Journal of Life Science, 2007, 17, 185-191.	0.2	0
282	Phospholiase Câ€•eta1 is activated by intracellular Ca2+ mobilization and enhances GPCRsâ€•mediated signaling. FASEB Journal, 2010, 24, lb177.	0.5	0
283	Macrophage migration inhibitory factor mediates the antidepressant actions of voluntary exercise. FASEB Journal, 2010, 24, lb636.	0.5	0
284	Chemical X promotes the osteogenesis and inhibits the adipogenesis through inhibition of lipid metabolic eyzyme. FASEB Journal, 2018, 32, lb192.	0.5	0