

Sung Ho Ryu

List of Publications by Year in descending order

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330
papers

16,448
citations

15504

65
h-index

25787

108
g-index

334
all docs

334
docs citations

334
times ranked

21376
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms regulating intestinal barrier integrity and its pathological implications. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-9.	7.7	844
2	Leucyl-tRNA Synthetase Is an Intracellular Leucine Sensor for the mTORC1-Signaling Pathway. <i>Cell</i> , 2012, 149, 410-424.	28.9	672
3	Multiple roles of phosphoinositide-specific phospholipase C isozymes. <i>BMB Reports</i> , 2008, 41, 415-434.	2.4	412
4	Cloning and sequence of multiple forms of phospholipase C. <i>Cell</i> , 1988, 54, 161-169.	28.9	359
5	Phospholipase C isozymes selectively couple to specific neurotransmitter receptors. <i>Nature</i> , 1997, 389, 290-293.	27.8	293
6	Phosphorylation of WAVE1 regulates actin polymerization and dendritic spine morphology. <i>Nature</i> , 2006, 442, 814-817.	27.8	289
7	A Nucleolin-Targeted Multimodal Nanoparticle Imaging Probe for Tracking Cancer Cells Using an Aptamer. <i>Journal of Nuclear Medicine</i> , 2010, 51, 98-105.	5.0	275
8	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. <i>Molecular Pharmacology</i> , 2006, 69, 1871-1878.	2.3	229
9	Sequential Activation of Phosphatidylinositol 3-Kinase, P^{2}Pix , Rac1, and Nox1 in Growth Factor-Induced Production of H_2O_2 . <i>Molecular and Cellular Biology</i> , 2004, 24, 4384-4394.	2.3	214
10	Supramolecular fishing for plasma membrane proteins using an ultrastable synthetic host-guest binding pair. <i>Nature Chemistry</i> , 2011, 3, 154-159.	13.6	208
11	Phospholipase signalling networks in cancer. <i>Nature Reviews Cancer</i> , 2012, 12, 782-792.	28.4	204
12	Resveratrol induces autophagy by directly inhibiting mTOR through ATP competition. <i>Scientific Reports</i> , 2016, 6, 21772.	3.3	200
13	GlcNAcase is essential for embryonic development and maintenance of genomic stability. <i>Aging Cell</i> , 2012, 11, 439-448.	6.7	192
14	Proteomic Analysis of Tumor Necrosis Factor- α -Induced Secretome of Human Adipose Tissue-Derived Mesenchymal Stem Cells. <i>Journal of Proteome Research</i> , 2010, 9, 1754-1762.	3.7	184
15	Regulated Intramembrane Proteolysis of the p75 Neurotrophin Receptor Modulates Its Association with the TrkA Receptor. <i>Journal of Biological Chemistry</i> , 2003, 278, 42161-42169.	3.4	176
16	Overexpression of phospholipase D1 in human breast cancer tissues. <i>Cancer Letters</i> , 2000, 161, 207-214.	7.2	160
17	Glycolytic Flux Signals to mTOR through Glyceraldehyde-3-Phosphate Dehydrogenase-Mediated Regulation of Rheb. <i>Molecular and Cellular Biology</i> , 2009, 29, 3991-4001.	2.3	156
18	Identification of Peptides That Antagonize Formyl Peptide Receptor-Like 1-Mediated Signaling. <i>Journal of Immunology</i> , 2004, 173, 607-614.	0.8	150

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19	Understanding of the roles of phospholipase D and phosphatidic acid through their binding partners. <i>Progress in Lipid Research</i> , 2012, 51, 71-81.	11.6	146
20	Identification of a Compound That Directly Stimulates Phospholipase C Activity. <i>Molecular Pharmacology</i> , 2003, 63, 1043-1050.	2.3	143
21	Gut microbe-derived extracellular vesicles induce insulin resistance, thereby impairing glucose metabolism in skeletal muscle. <i>Scientific Reports</i> , 2015, 5, 15878.	3.3	140
22	Serum Amyloid A Binding to Formyl Peptide Receptor-Like 1 Induces Synovial Hyperplasia and Angiogenesis. <i>Journal of Immunology</i> , 2006, 177, 5585-5594.	0.8	131
23	Lysophosphatidylcholine Activates Adipocyte Glucose Uptake and Lowers Blood Glucose Levels in Murine Models of Diabetes. <i>Journal of Biological Chemistry</i> , 2009, 284, 33833-33840.	3.4	127
24	Molecular cloning and characterization of a novel phospholipase C, PLC- $\hat{1}$. <i>Biochemical Journal</i> , 2005, 389, 181-186.	3.7	123
25	The phox homology domain of phospholipase D activates dynamin GTPase activity and accelerates EGFR endocytosis. <i>Nature Cell Biology</i> , 2006, 8, 477-484.	10.3	119
26	Phospholipase C- $\hat{1}$ Is Activated by Capacitative Calcium Entry That Follows Phospholipase C- $\hat{2}$ Activation upon Bradykinin Stimulation. <i>Journal of Biological Chemistry</i> , 1999, 274, 26127-26134.	3.4	115
27	Phosphatidic Acid Regulates Systemic Inflammatory Responses by Modulating the Akt-Mammalian Target of Rapamycin-p70 S6 Kinase 1 Pathway. <i>Journal of Biological Chemistry</i> , 2003, 278, 45117-45127.	3.4	115
28	Cardiac Phospholipase D2 Localizes to Sarcolemmal Membranes and Is Inhibited by $\hat{1}$ -Actinin in an ADP-ribosylation Factor-reversible Manner. <i>Journal of Biological Chemistry</i> , 2000, 275, 21295-21301.	3.4	112
29	Ca ²⁺ -dependent Inhibition of Na ⁺ /H ⁺ Exchanger 3 (NHE3) Requires an NHE3-E3KARP- $\hat{1}$ -Actinin-4 Complex for Oligomerization and Endocytosis. <i>Journal of Biological Chemistry</i> , 2002, 277, 23714-23724.	3.4	111
30	N-terminal site-specific mono-PEGylation of epidermal growth factor. <i>Pharmaceutical Research</i> , 2003, 20, 818-825.	3.5	109
31	Dual Requirement for Rho and Protein Kinase C in Direct Activation of Phospholipase D1 Through G Protein-coupled Receptor Signaling. <i>Molecular Biology of the Cell</i> , 2000, 11, 4359-4368.	2.1	108
32	Osteoclast-secreted SLIT3 coordinates bone resorption and formation. <i>Journal of Clinical Investigation</i> , 2018, 128, 1429-1441.	8.2	106
33	CXCL12 secreted from adipose tissue recruits macrophages and induces insulin resistance in mice. <i>Diabetologia</i> , 2014, 57, 1456-1465.	6.3	104
34	Activation of phospholipase D1 by direct interaction with ADP-ribosylation factor 1 and Ra1A. <i>FEBS Letters</i> , 1998, 430, 231-235.	2.8	100
35	Actin Directly Interacts with Phospholipase D, Inhibiting Its Activity. <i>Journal of Biological Chemistry</i> , 2001, 276, 28252-28260.	3.4	100
36	GABAA Receptor Phospho-Dependent Modulation Is Regulated by Phospholipase C-Related Inactive Protein Type 1, a Novel Protein Phosphatase 1 Anchoring Protein. <i>Journal of Neuroscience</i> , 2004, 24, 7074-7084.	3.6	98

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37	Identification of the Peptides That Stimulate the Phosphoinositide Hydrolysis in Lymphocyte Cell Lines from Peptide Libraries. <i>Journal of Biological Chemistry</i> , 1996, 271, 8170-8175.	3.4	91
38	Catalytic properties of inositol trisphosphate kinase: activation by Ca ²⁺ and calmodulin. <i>FASEB Journal</i> , 1987, 1, 388-393.	0.5	89
39	Human mesenchymal stem cell differentiation to the osteogenic or adipogenic lineage is regulated by AMP-activated protein kinase. <i>Journal of Cellular Physiology</i> , 2012, 227, 1680-1687.	4.1	88
40	Periostin-binding DNA Aptamer Inhibits Breast Cancer Growth and Metastasis. <i>Molecular Therapy</i> , 2013, 21, 1004-1013.	8.2	88
41	G-protein-coupled receptor 81 promotes a malignant phenotype in breast cancer through angiogenic factor secretion. <i>Oncotarget</i> , 2016, 7, 70898-70911.	1.8	88
42	A Cellular RNA-Binding Protein Enhances Internal Ribosomal Entry Site-Dependent Translation through an Interaction Downstream of the Hepatitis C Virus Polyprotein Initiation Codon. <i>Molecular and Cellular Biology</i> , 2004, 24, 7878-7890.	2.3	87
43	Molecular Mechanisms Underlying Psychological Stress and Cancer. <i>Current Pharmaceutical Design</i> , 2016, 22, 2389-2402.	1.9	87
44	Regulation of Phospholipase C- β 3 Activity by Na ⁺ /H ⁺ Exchanger Regulatory Factor 2. <i>Journal of Biological Chemistry</i> , 2000, 275, 16632-16637.	3.4	86
45	Phosphorylation and Activation of Phospholipase D1 by Protein Kinase C in Vivo: A Determination of Multiple Phosphorylation Sites. <i>Biochemistry</i> , 1999, 38, 10344-10351.	2.5	85
46	NHERF2 Specifically Interacts with LPA 2 Receptor and Defines the Specificity and Efficiency of Receptor-Mediated Phospholipase C- β 3 Activation. <i>Molecular and Cellular Biology</i> , 2004, 24, 5069-5079.	2.3	85
47	Phospholipase D Activity Regulates Integrin-mediated Cell Spreading and Migration by Inducing GTP-Rac Translocation to the Plasma Membrane. <i>Molecular Biology of the Cell</i> , 2008, 19, 3111-3123.	2.1	84
48	Proteomic identification of sorting nexin 6 as a negative regulator of BACE1-mediated APP processing. <i>FASEB Journal</i> , 2010, 24, 2783-2794.	0.5	84
49	Selective activation of phospholipase D2 by unsaturated fatty acid. <i>FEBS Letters</i> , 1999, 454, 42-46.	2.8	83
50	Microbial Imidazole Propionate Affects Responses to Metformin through p38 β -Dependent Inhibitory AMPK Phosphorylation. <i>Cell Metabolism</i> , 2020, 32, 643-653.e4.	16.2	83
51	Comparative proteomic analysis of the insulin-induced L6 myotube secretome. <i>Proteomics</i> , 2009, 9, 51-60.	2.2	82
52	Extracellular ATP Mediates Necrotic Cell Swelling in SN4741 Dopaminergic Neurons through P2X7 Receptors. <i>Journal of Biological Chemistry</i> , 2007, 282, 37350-37358.	3.4	81
53	Macrophage migration inhibitory factor mediates the antidepressant actions of voluntary exercise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13094-13099.	7.1	80
54	Proteolytic cleavage of phospholipase C α 1 during apoptosis in Molt-4 cells. <i>FASEB Journal</i> , 2000, 14, 1083-1092.	0.5	76

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55	Phospholipase D1 Is Phosphorylated and Activated by Protein Kinase C in Caveolin-enriched Microdomains within the Plasma Membrane. <i>Journal of Biological Chemistry</i> , 2000, 275, 13621-13627.	3.4	76
56	The Roles of PDZ-Containing Proteins in PLC- β -Mediated Signaling. <i>Biochemical and Biophysical Research Communications</i> , 2001, 288, 1-7.	2.1	76
57	Differential Activation of Formyl Peptide Receptor-Like 1 by Peptide Ligands. <i>Journal of Immunology</i> , 2003, 171, 6807-6813.	0.8	76
58	Two forms of phosphatidylinositol-specific phospholipase C from bovine brain. <i>Biochemical and Biophysical Research Communications</i> , 1986, 141, 137-144.	2.1	74
59	The Interaction of Phospholipase C- β 3 with Shank2 Regulates mGluR-mediated Calcium Signal. <i>Journal of Biological Chemistry</i> , 2005, 280, 12467-12473.	3.4	74
60	Phospholipase D2 Directly Interacts with Aldolase via Its PH Domain. <i>Biochemistry</i> , 2002, 41, 3414-3421.	2.5	73
61	S1P stimulates chemotactic migration and invasion in OVCAR3 ovarian cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 239-244.	2.1	73
62	Phospholipase D2 drives mortality in sepsis by inhibiting neutrophil extracellular trap formation and down-regulating CXCR2. <i>Journal of Experimental Medicine</i> , 2015, 212, 1381-1390.	8.5	73
63	Phospholipase C- β 1 and oxytocin receptor signalling: evidence of its role as an effector. <i>Biochemical Journal</i> , 1998, 331, 283-289.	3.7	72
64	Identification of novel chemoattractant peptides for human leukocytes. <i>Blood</i> , 2001, 97, 2854-2862.	1.4	70
65	The mechanism of phospholipase C- β 1 regulation. <i>Experimental and Molecular Medicine</i> , 2000, 32, 101-109.	7.7	69
66	SH2 Domains Serve as Lipid-Binding Modules for pTyr-Signaling Proteins. <i>Molecular Cell</i> , 2016, 62, 7-20.	9.7	69
67	Purine-Based Inhibitors of Inositol-1,4,5-trisphosphate-3-kinase. <i>ChemBioChem</i> , 2002, 3, 897-901.	2.6	68
68	Luteolin inhibits the nuclear factor- κ B transcriptional activity in Rat-1 fibroblasts. <i>Biochemical Pharmacology</i> , 2003, 66, 955-963.	4.4	67
69	Elevated O-GlcNAcylation promotes colonic inflammation and tumorigenesis by modulating NF- κ B signaling. <i>Oncotarget</i> , 2015, 6, 12529-12542.	1.8	67
70	RhoA and a Cytosolic 50-kDa Factor Reconstitute GTP γ S-dependent Phospholipase D Activity in Human Neutrophil Subcellular Fractions. <i>Journal of Biological Chemistry</i> , 1995, 270, 27093-27098.	3.4	66
71	Localization of two forms of phospholipase C- β 1, a and b, in C6Bu-1 cells. <i>Lipids and Lipid Metabolism</i> , 1998, 1389, 76-80.	2.6	66
72	An activator of the cAMP/PKA/CREB pathway promotes osteogenesis from human mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2013, 228, 617-626.	4.1	66

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73	Sensitization of Epidermal Growth Factor-induced Signaling by Bradykinin Is Mediated by c-Src. <i>Journal of Biological Chemistry</i> , 2004, 279, 5852-5860.	3.4	65
74	o-GlcNAc transferase is activated by CaMKIV-dependent phosphorylation under potassium chloride-induced depolarization in NG-108-15 cells. <i>Cellular Signalling</i> , 2008, 20, 94-104.	3.6	65
75	Cyclic AMP Controls mTOR through Regulation of the Dynamic Interaction between Rheb and Phosphodiesterase 4D. <i>Molecular and Cellular Biology</i> , 2010, 30, 5406-5420.	2.3	65
76	Comparative analysis of the secretory proteome of human adipose stromal vascular fraction cells during adipogenesis. <i>Proteomics</i> , 2010, 10, 394-405.	2.2	64
77	Emodin Regulates Glucose Utilization by Activating AMP-activated Protein Kinase*. <i>Journal of Biological Chemistry</i> , 2013, 288, 5732-5742.	3.4	64
78	Phospholipase D1 in Caveolae: Regulation by Protein Kinase C α and Caveolin-1. <i>Biochemistry</i> , 1999, 38, 3763-3769.	2.5	62
79	Sphingosine 1-Phosphate in Amniotic Fluid Modulates Cyclooxygenase-2 Expression in Human Amnion-derived WISH Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 31731-31736.	3.4	62
80	Localization of VEGFR-2 and PLD2 in endothelial caveolae is involved in VEGF-induced phosphorylation of MEK and ERK. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H1881-H1888.	3.2	62
81	Crosstalk between Src and major vault protein in epidermal growth factor-dependent cell signalling. <i>FEBS Journal</i> , 2006, 273, 793-804.	4.7	61
82	Phorbol myristate acetate-dependent association of protein kinase C α with phospholipase D1 in intact cells. <i>Lipids and Lipid Metabolism</i> , 1997, 1347, 199-204.	2.6	60
83	G2 arrest and apoptosis by 2-amino-N-quinoline-8-yl-benzenesulfonamide (QBS), a novel cytotoxic compound. <i>Biochemical Pharmacology</i> , 2005, 69, 1333-1341.	4.4	60
84	Evolutionary conservation in multiple faces of protein interaction. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 77, 14-25.	2.6	60
85	The Agonists of Formyl Peptide Receptors Prevent Development of Severe Sepsis after Microbial Infection. <i>Journal of Immunology</i> , 2010, 185, 4302-4310.	0.8	60
86	Theranostic systems assembled in situ on demand by host-guest chemistry. <i>Biomaterials</i> , 2011, 32, 7687-7694.	11.4	60
87	Direct Interaction of SOS1 Ras Exchange Protein with the SH3 Domain of Phospholipase C- β 1. <i>Biochemistry</i> , 2000, 39, 8674-8682.	2.5	58
88	Trp-Lys-Tyr-Met-Val-D-Met stimulates superoxide generation and killing of <i>Staphylococcus aureus</i> via phospholipase D activation in human monocytes. <i>Journal of Leukocyte Biology</i> , 1999, 65, 241-248.	3.3	57
89	Activation of AMP-activated Protein Kinase Is Essential for Lysophosphatidic Acid-induced Cell Migration in Ovarian Cancer Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 24036-24045.	3.4	57
90	Comparative secretome analysis of human bone marrow-derived mesenchymal stem cells during osteogenesis. <i>Journal of Cellular Physiology</i> , 2013, 228, 216-224.	4.1	57

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91	Calcineurin Is Expressed and Plays a Critical Role in Inflammatory Arthritis. <i>Journal of Immunology</i> , 2006, 177, 2681-2690.	0.8	56
92	Phospholipase C- β 1 involved in brain disorders. <i>Advances in Biological Regulation</i> , 2013, 53, 51-62.	2.3	56
93	Heterozygous mutations in cyclic AMP phosphodiesterase-4D (PDE4D) and protein kinase A (PKA) provide new insights into the molecular pathology of acrodysostosis. <i>Cellular Signalling</i> , 2014, 26, 2446-2459.	3.6	56
94	Localization of Phospholipase D1 to Caveolin-enriched Membrane via Palmitoylation: Implications for Epidermal Growth Factor Signaling. <i>Molecular Biology of the Cell</i> , 2002, 13, 3976-3988.	2.1	55
95	Phosphatidylinositol (3,4,5)-trisphosphate specifically interacts with the phox homology domain of phospholipase D1 and stimulates its activity. <i>Journal of Cell Science</i> , 2005, 118, 4405-4413.	2.0	53
96	PLD2 forms a functional complex with mTOR/raptor to transduce mitogenic signals. <i>Cellular Signalling</i> , 2006, 18, 2283-2291.	3.6	52
97	Collapsin response mediator protein-2 regulates neurite formation by modulating tubulin GTPase activity. <i>Cellular Signalling</i> , 2009, 21, 1818-1826.	3.6	52
98	DJ-1 promotes angiogenesis and osteogenesis by activating FGF receptor-1 signaling. <i>Nature Communications</i> , 2012, 3, 1296.	12.8	52
99	Agonistic aptamer to the insulin receptor leads to biased signaling and functional selectivity through allosteric modulation. <i>Nucleic Acids Research</i> , 2015, 43, 7688-7701.	14.5	51
100	Phosphorylation-dependent Regulation of Phospholipase D2 by Protein Kinase C β in Rat Pheochromocytoma PC12 Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 8290-8297.	3.4	50
101	Phospholipase C- β 1 is activated by intracellular Ca ²⁺ mobilization and enhances GPCRs/PLC/Ca ²⁺ signaling. <i>Cellular Signalling</i> , 2011, 23, 1022-1029.	3.6	50
102	Lipase Activities of p37, the Major Envelope Protein of Vaccinia Virus. <i>Journal of Biological Chemistry</i> , 1997, 272, 32042-32049.	3.4	49
103	Differential Signaling of Formyl Peptide Receptor-Like 1 by Trp-Lys-Tyr-Met-Val-Met-CONH ₂ or Lipoxin A4 in Human Neutrophils. <i>Molecular Pharmacology</i> , 2003, 64, 721-730.	2.3	49
104	Differential Activation of Formyl Peptide Receptor Signaling by Peptide Ligands. <i>Molecular Pharmacology</i> , 2003, 64, 841-847.	2.3	48
105	The Direct Interaction of Phospholipase C- β 1 with Phospholipase D2 Is Important for Epidermal Growth Factor Signaling. <i>Journal of Biological Chemistry</i> , 2003, 278, 18184-18190.	3.4	48
106	Potential Inhibition of PDK1/Akt Signaling by Phenothiazines Suppresses Cancer Cell Proliferation and Survival. <i>Annals of the New York Academy of Sciences</i> , 2008, 1138, 393-403.	3.8	48
107	Bioimaging of Nucleolin Aptamer-Containing 5-(<i>N</i> -benzylcarboxamide)-2 β -deoxyuridine More Capable of Specific Binding to Targets in Cancer Cells. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-9.	3.0	48
108	Inhibitory effect on NO production of triterpenes from the fruiting bodies of <i>Ganoderma lucidum</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1428-1432.	2.2	48

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109	Myricetin improves endurance capacity and mitochondrial density by activating SIRT1 and PGC-1 β . <i>Scientific Reports</i> , 2017, 7, 6237.	3.3	48
110	Phospholipase D2 Activity Suppresses Hydrogen Peroxide-Induced Apoptosis in PC12 Cells. <i>Journal of Neurochemistry</i> , 2000, 75, 1053-1059.	3.9	47
111	Proteomic Analysis of Tumor Necrosis Factor-Alpha (TNF- α)-Induced L6 Myotube Secretome Reveals Novel TNF- α -Dependent Myokines in Diabetic Skeletal Muscle. <i>Journal of Proteome Research</i> , 2011, 10, 5315-5325.	3.7	47
112	Proteomic Analysis of the Palmitate-induced Myotube Secretome Reveals Involvement of the Annexin A1-Formyl Peptide Receptor 2 (FPR2) Pathway in Insulin Resistance*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 882-892.	3.8	47
113	Identification of cellular proteins enhancing activities of internal ribosomal entry sites by competition with oligodeoxynucleotides. <i>Nucleic Acids Research</i> , 2004, 32, 1308-1317.	14.5	46
114	The roles of phospholipase D in EGFR signaling. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009, 1791, 862-868.	2.4	46
115	Phospholipase C- β 1 is a guanine nucleotide exchange factor for dynamin-1 and enhances dynamin-1-dependent epidermal growth factor receptor endocytosis. <i>Journal of Cell Science</i> , 2004, 117, 3785-3795.	2.0	45
116	Wedelolactone inhibits adipogenesis through the ERK pathway in human adipose tissue-derived mesenchymal stem cells. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 3436-3445.	2.6	45
117	Potential pancreatic lipase inhibitory activity of phenolic constituents from the root bark of <i>Morus alba</i> L. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2788-2794.	2.2	44
118	2,2',4,6,6'-Pentachlorobiphenyl Induces Apoptosis in Human Monocytic Cells. <i>Toxicology and Applied Pharmacology</i> , 2000, 169, 1-7.	2.8	43
119	Lysophosphatidic acid regulates blood glucose by stimulating myotube and adipocyte glucose uptake. <i>Journal of Molecular Medicine</i> , 2008, 86, 211-220.	3.9	43
120	Lipids Regulate Lck Protein Activity through Their Interactions with the Lck Src Homology 2 Domain. <i>Journal of Biological Chemistry</i> , 2016, 291, 17639-17650.	3.4	42
121	Cyclic and noncyclic inositol phosphates are formed at different ratios by phospholipase C isozymes. <i>Biochemical and Biophysical Research Communications</i> , 1989, 163, 177-182.	2.1	41
122	Trp-Lys-Tyr-Met-Val-d-Met is a chemoattractant for human phagocytic cells. <i>Journal of Leukocyte Biology</i> , 1999, 66, 915-922.	3.3	41
123	Independent Functioning of Cytosolic Phospholipase A2 and Phospholipase D1 in Trp-Lys-Tyr-Met-Val-D-Met-Induced Superoxide Generation in Human Monocytes. <i>Journal of Immunology</i> , 2000, 164, 4089-4096.	0.8	41
124	Proteomic analysis of hypoxia-induced U373MG glioma secretome reveals novel hypoxia-dependent migration factors. <i>Proteomics</i> , 2014, 14, 1494-1502.	2.2	41
125	Enhanced expression of neuronal nitric oxide synthase and phospholipase C- β 1 in regenerating murine neuronal cells by pulsed electromagnetic field. <i>Experimental and Molecular Medicine</i> , 2002, 34, 53-59.	7.7	40
126	Collapsin Response Mediator Protein-2 Inhibits Neuronal Phospholipase D2 Activity by Direct Interaction. <i>Journal of Biological Chemistry</i> , 2002, 277, 6542-6549.	3.4	40

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127	Src Homology Domains of Phospholipase C $\hat{1}$ Inhibit Nerve Growth Factor-Induced Differentiation of PC12 Cells. <i>Journal of Neurochemistry</i> , 1998, 71, 178-185.	3.9	40
128	Sorting nexin 16 regulates EGF receptor trafficking by phosphatidylinositol-3-phosphate interaction with the Phox domain. <i>Journal of Cell Science</i> , 2004, 117, 4209-4218.	2.0	40
129	Inhibition of Muscarinic Receptor-linked Phospholipase D Activation by Association with Tubulin. <i>Journal of Biological Chemistry</i> , 2005, 280, 3723-3730.	3.4	40
130	RGS2 promotes formation of neurites by stimulating microtubule polymerization. <i>Cellular Signalling</i> , 2006, 18, 2182-2192.	3.6	40
131	Cdk5 phosphorylates PLD2 to mediate EGF-dependent insulin secretion. <i>Cellular Signalling</i> , 2008, 20, 1787-1794.	3.6	40
132	Phospholipase D1 is located and activated by protein kinase C $\hat{1}$ in the plasma membrane in 3Y1 fibroblast cell. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 1999, 1436, 319-330.	2.4	39
133	Proteolytic cleavage of epidermal growth factor receptor by caspases. <i>FEBS Letters</i> , 2001, 491, 16-20.	2.8	39
134	Epidermal growth factor increases insulin secretion and lowers blood glucose in diabetic mice. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1593-1604.	3.6	39
135	Signal Transduction of Hyaluronic Acid~Peptide Conjugate for Formyl Peptide Receptor Like 1 Receptor. <i>Bioconjugate Chemistry</i> , 2008, 19, 2401-2408.	3.6	39
136	[48] Assays of phosphoinositide-specific phospholipase C and purification of isozymes from bovine brains. <i>Methods in Enzymology</i> , 1991, 197, 502-511.	1.0	38
137	Localization of Tie2 and phospholipase D in endothelial caveolae is involved in angiopoietin-1-induced MEK/ERK phosphorylation and migration in endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 308, 101-105.	2.1	38
138	Endothelial Deletion of Phospholipase D2 Reduces Hypoxic Response and Pathological Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1697-1703.	2.4	38
139	Purification and some properties of a phospholipase A2 from bovine platelets. <i>Biochemical and Biophysical Research Communications</i> , 1991, 174, 189-196.	2.1	37
140	Hydrogen peroxide induces association between glyceraldehyde 3-phosphate dehydrogenase and phospholipase D2 to facilitate phospholipase D2 activation in PC12 cells. <i>Journal of Neurochemistry</i> , 2003, 85, 1228-1236.	3.9	37
141	Thiram and Ziram Stimulate Non-Selective Cation Channel and Induce Apoptosis in PC12 Cells. <i>NeuroToxicology</i> , 2003, 24, 425-434.	3.0	37
142	Novel Functions of the Phospholipase D2-Phox Homology Domain in Protein Kinase C $\hat{1}$ Activation. <i>Molecular and Cellular Biology</i> , 2005, 25, 3194-3208.	2.3	37
143	Osmotic Stress Regulates Mammalian Target of Rapamycin (mTOR) Complex 1 via c-Jun N-terminal Kinase (JNK)-mediated Raptor Protein Phosphorylation. <i>Journal of Biological Chemistry</i> , 2012, 287, 18398-18407.	3.4	37
144	Secretomics for skeletal muscle cells: A discovery of novel regulators?. <i>Advances in Biological Regulation</i> , 2012, 52, 340-350.	2.3	37

#	ARTICLE	IF	CITATIONS
145	Accumulating insights into the role of phospholipase D2 in human diseases. <i>Advances in Biological Regulation</i> , 2016, 61, 42-46.	2.3	36
146	Sphingosine 1-phosphate induces vesicular endothelial growth factor expression in endothelial cells. <i>BMB Reports</i> , 2009, 42, 685-690.	2.4	36
147	Cloning of cDNA Encoding Rat Phospholipase C- β 4, a New Member of the Phospholipase C. <i>Biochemical and Biophysical Research Communications</i> , 1993, 194, 706-712.	2.1	35
148	Localization of phospholipase C- β 1 signaling in caveolae: importance in EGF-induced phosphoinositide hydrolysis but not in tyrosine phosphorylation. <i>FEBS Letters</i> , 2001, 491, 4-8.	2.8	35
149	O-GlcNAc modification modulates the expression of osteocalcin via OSE2 and Runx2. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 325-329.	2.1	34
150	Munc-18-1 Inhibits Phospholipase D Activity by Direct Interaction in an Epidermal Growth Factor-reversible Manner. <i>Journal of Biological Chemistry</i> , 2004, 279, 16339-16348.	3.4	33
151	Phospholipase C β 1 negatively regulates growth hormone signalling by forming a ternary complex with Jak2 and protein tyrosine phosphatase-1B. <i>Nature Cell Biology</i> , 2006, 8, 1389-1397.	10.3	33
152	Phosphoinositides Differentially Regulate Protrudin Localization through the FYVE Domain. <i>Journal of Biological Chemistry</i> , 2012, 287, 41268-41276.	3.4	33
153	A Cytosolic, G β q- and β 1 β -insensitive Splice Variant of Phospholipase C- β 4. <i>Journal of Biological Chemistry</i> , 1998, 273, 3618-3624.	3.4	32
154	Secretin induces neurite outgrowth of PC12 through cAMP-mitogen-activated protein kinase pathway. <i>Experimental and Molecular Medicine</i> , 2006, 38, 85-93.	7.7	32
155	Cleavage of focal adhesion kinase is an early marker and modulator of oxidative stress-induced apoptosis. <i>Chemico-Biological Interactions</i> , 2008, 171, 57-66.	4.0	32
156	Subtype-specific role of phospholipase C- β 2 in bradykinin and LPA signaling through differential binding of different PDZ scaffold proteins. <i>Cellular Signalling</i> , 2010, 22, 1153-1161.	3.6	31
157	Afamin secreted from nonresorbing osteoclasts acts as a chemokine for preosteoblasts via the Akt-signaling pathway. <i>Bone</i> , 2012, 51, 431-440.	2.9	31
158	PI3K-C2 β Knockdown Results in Rerouting of Insulin Signaling and Pancreatic Beta Cell Proliferation. <i>Cell Reports</i> , 2015, 13, 15-22.	6.4	31
159	DJ-1 contributes to adipogenesis and obesity-induced inflammation. <i>Scientific Reports</i> , 2015, 4, 4805.	3.3	31
160	Phospholipase D2 acts as an essential adaptor protein in the activation of Syk in antigen-stimulated mast cells. <i>Blood</i> , 2006, 108, 956-964.	1.4	29
161	Protein phosphatase regulation by PRIP, a PLC-related catalytically inactive protein—Implications in the phospho-modulation of the GABA α receptor. <i>Advances in Enzyme Regulation</i> , 2006, 46, 203-222.	2.6	29
162	Phospholipase C- β 1 potentiates integrin-dependent cell spreading and migration through Pyk2/paxillin activation. <i>Cellular Signalling</i> , 2007, 19, 1784-1796.	3.6	29

#	ARTICLE	IF	CITATIONS
163	Subtype-specific roles of phospholipase C- β 2 via differential interactions with PDZ domain proteins. <i>Advances in Enzyme Regulation</i> , 2011, 51, 138-151.	2.6	29
164	C1-Ten Is a Protein Tyrosine Phosphatase of Insulin Receptor Substrate 1 (IRS-1), Regulating IRS-1 Stability and Muscle Atrophy. <i>Molecular and Cellular Biology</i> , 2013, 33, 1608-1620.	2.3	29
165	Single particle tracking-based reaction progress kinetic analysis reveals a series of molecular mechanisms of cetuximab-induced EGFR processes in a single living cell. <i>Chemical Science</i> , 2017, 8, 4823-4832.	7.4	29
166	Phospholipase A2-Mediated Ca ²⁺ Influx by 2,2',4,6-Tetrachlorobiphenyl in PC12 Cells. <i>Toxicology and Applied Pharmacology</i> , 2002, 178, 37-43.	2.8	28
167	Serotonin stimulates GnRH secretion through the c-Src-PLC β 1 pathway in GT1 α 7 hypothalamic cells. <i>Journal of Endocrinology</i> , 2006, 190, 581-591.	2.6	28
168	Nanoscale Mapping and Affinity Constant Measurement of Signal-Transducing Proteins by Atomic Force Microscopy. <i>Analytical Chemistry</i> , 2011, 83, 1500-1503.	6.5	28
169	Phospholipase D1 Mediates AMP-Activated Protein Kinase Signaling for Glucose Uptake. <i>PLoS ONE</i> , 2010, 5, e9600.	2.5	28
170	Expression and functional role of formyl peptide receptor in human bone marrow-derived mesenchymal stem cells. <i>FEBS Letters</i> , 2007, 581, 1917-1922.	2.8	27
171	Phospholipase D2 induces stress fiber formation through mediating nucleotide exchange for RhoA. <i>Cellular Signalling</i> , 2011, 23, 1320-1326.	3.6	27
172	PDZ Domain-containing 1 (PDZK1) Protein Regulates Phospholipase C- β 23 (PLC- β 23)-specific Activation of Somatostatin by Forming a Ternary Complex with PLC- β 23 and Somatostatin Receptors. <i>Journal of Biological Chemistry</i> , 2012, 287, 21012-21024.	3.4	27
173	A simple modular aptasensor platform utilizing cucurbit[7]uril and a ferrocene derivative as an ultrastable supramolecular linker. <i>Chemical Communications</i> , 2015, 51, 3098-3101.	4.1	27
174	Obesity resistance and increased energy expenditure by white adipose tissue browning in Oga +/- mice. <i>Diabetologia</i> , 2015, 58, 2867-2876.	6.3	27
175	Grb2 negatively regulates epidermal growth factor-induced phospholipase C- β 1 activity through the direct interaction with tyrosine-phosphorylated phospholipase C- β 1. <i>Cellular Signalling</i> , 2005, 17, 1289-1299.	3.6	26
176	Melanocortins induce interleukin 6 gene expression and secretion through melanocortin receptors 2 and 5 in 3T3-L1 adipocytes. <i>Journal of Molecular Endocrinology</i> , 2010, 44, 225-236.	2.5	26
177	Identification of the Target Proteins of Rosiglitazone in 3T3-L1 Adipocytes through Proteomic Analysis of Cytosolic and Secreted Proteins. <i>Molecules and Cells</i> , 2011, 31, 239-246.	2.6	26
178	Diverse cellular and physiological roles of phospholipase C- β 1. <i>Advances in Biological Regulation</i> , 2012, 52, 138-151.	2.3	26
179	Roles of phosphoinositide-specific phospholipase C β 1 in brain development. <i>Advances in Biological Regulation</i> , 2016, 60, 167-173.	2.3	26
180	Overexpression of Phospholipase C- β 1 in Colorectal Carcinomas Is Associated with Overexpression of Factors That Bind Its Promoter. <i>Journal of Biological Chemistry</i> , 1995, 270, 16378-16384.	3.4	25

#	ARTICLE	IF	CITATIONS
181	Inhibition of phospholipase C- β 1-mediated signaling by O-GlcNAc modification. <i>Journal of Cellular Physiology</i> , 2006, 207, 689-696.	4.1	25
182	Pituitary Adenylate Cyclase-Activating Polypeptide 27 Is a Functional Ligand for Formyl Peptide Receptor-Like 1. <i>Journal of Immunology</i> , 2006, 176, 2969-2975.	0.8	25
183	On/Off-regulation of phospholipase C- β 1-mediated signal transduction. <i>Advances in Enzyme Regulation</i> , 2007, 47, 104-116.	2.6	25
184	Protein Kinase C δ -Mediated Phosphorylation of Phospholipase D Controls Integrin-Mediated Cell Spreading. <i>Molecular and Cellular Biology</i> , 2010, 30, 5086-5098.	2.3	25
185	Intestinal Epithelial Cell-Specific Deletion of PLD2 Alleviates DSS-Induced Colitis by Regulating Occludin. <i>Scientific Reports</i> , 2017, 7, 1573.	3.3	25
186	Direct visualization of single-molecule membrane protein interactions in living cells. <i>PLoS Biology</i> , 2018, 16, e2006660.	5.6	25
187	Identification of the Peptides That Inhibit the Stimulation of Thyrotropin Receptor by Graves's Immunoglobulin G from Peptide Libraries 1. <i>Endocrinology</i> , 1997, 138, 617-626.	2.8	24
188	Overexpression of phospholipase C β 1 protects NIH3T3 cells from oxidative stress-induced cell death. <i>Life Sciences</i> , 2000, 67, 827-837.	4.3	24
189	Phospholipase D1 Regulates Cell Migration in a Lipase Activity-independent Manner*. <i>Journal of Biological Chemistry</i> , 2006, 281, 15747-15756.	3.4	24
190	Trp-Lys-Tyr-Met-Val-Met stimulates phagocytosis via phospholipase D-dependent signaling in mouse dendritic cells. <i>Experimental and Molecular Medicine</i> , 2004, 36, 135-144.	7.7	23
191	Targeted label-free quantitative analysis of secretory proteins from adipocytes in response to oxidative stress. <i>Analytical Biochemistry</i> , 2010, 401, 196-202.	2.4	23
192	Airway Activation of Formyl Peptide Receptors Inhibits Th1 and Th17 Cell Responses via Inhibition of Mediator Release from Immune and Inflammatory Cells and Maturation of Dendritic Cells. <i>Journal of Immunology</i> , 2012, 188, 1799-1808.	0.8	22
193	Overexpression of phospholipase C- β 1 suppresses LVC-induced apoptosis through inhibition of c-fos accumulation and c-Jun N-terminal kinase activation in PC12 cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 1999, 1440, 235-243.	2.4	21
194	Phosphorylation of phospholipase D1 and the modulation of its interaction with RhoA by cAMP-dependent protein kinase. <i>Experimental and Molecular Medicine</i> , 2004, 36, 172-178.	7.7	21
195	The synthetic peptide Trp-Lys-Tyr-Met-Val-d-Met as a novel adjuvant for DNA vaccine. <i>Vaccine</i> , 2005, 23, 4703-4710.	3.8	21
196	OGA heterozygosity suppresses intestinal tumorigenesis in Apcmin/+ mice. <i>Oncogenesis</i> , 2014, 3, e109-e109.	4.9	21
197	Apolipoprotein a1 increases mitochondrial biogenesis through AMP-activated protein kinase. <i>Cellular Signalling</i> , 2015, 27, 1873-1881.	3.6	21
198	Blocking Ca ²⁺ Channel β 3 Subunit Reverses Diabetes. <i>Cell Reports</i> , 2018, 24, 922-934.	6.4	21

#	ARTICLE	IF	CITATIONS
199	Isolation of Foreign Material-Free Endothelial Progenitor Cells Using CD31 Aptamer and Therapeutic Application for Ischemic Injury. <i>PLoS ONE</i> , 2015, 10, e0131785.	2.5	21
200	Inhibition of Phospholipase D by a Protein Factor from Bovine Brain Cytosol. <i>Journal of Biological Chemistry</i> , 1996, 271, 25213-25219.	3.4	20
201	Bradykinin activates phospholipase D2 via protein kinase C β in PC12 cells. <i>Neuroscience Letters</i> , 2000, 294, 130-132.	2.1	20
202	Dexamethasone differentiates NG108-15 cells through cyclooxygenase 1 induction. <i>Experimental and Molecular Medicine</i> , 2003, 35, 203-210.	7.7	20
203	Functional interplay between Aurora B kinase and Ssu72 phosphatase regulates sister chromatid cohesion. <i>Nature Communications</i> , 2013, 4, 2631.	12.8	20
204	Analysis of Interactions between the Epidermal Growth Factor Receptor and Soluble Ligands on the Basis of Single-Molecule Diffusivity in the Membrane of Living Cells. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7028-7032.	13.8	20
205	Inositol hexakisphosphate kinase 1 is a metabolic sensor in pancreatic β -cells. <i>Cellular Signalling</i> , 2018, 46, 120-128.	3.6	20
206	A myristoylated pseudosubstrate peptide of PKC- δ induces degranulation in HMC-1 cells independently of PKC- δ activity. <i>Life Sciences</i> , 2008, 82, 733-740.	4.3	19
207	Interactions between Signal-Transducing Proteins Measured by Atomic Force Microscopy. <i>Analytical Chemistry</i> , 2009, 81, 3276-3284.	6.5	19
208	Distribution of the Receptor for a Novel Peptide Stimulating Phosphoinositide Hydrolysis in Human Leukocytes. <i>Clinical Biochemistry</i> , 1998, 31, 137-141.	1.9	18
209	Role of Phospholipase C- β 1 in Insulin-like Growth Factor I-Induced Muscle Differentiation of H9c2 Cardiac Myoblasts. <i>Biochemical and Biophysical Research Communications</i> , 2001, 282, 816-822.	2.1	18
210	Dynamic identification of phosphopeptides using immobilized metal ion affinity chromatography enrichment, subsequent partial β -elimination/chemical tagging and matrix-assisted laser desorption/ionization mass spectrometric analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2495-2501.	1.5	18
211	Sphingosylphosphorylcholine generates reactive oxygen species through calcium-, protein kinase C β - and phospholipase D-dependent pathways. <i>Cellular Signalling</i> , 2005, 17, 777-787.	3.6	18
212	A small compound that inhibits tumor necrosis factor- α -induced matrix metalloproteinase-9 upregulation. <i>Biochemical and Biophysical Research Communications</i> , 2005, 336, 716-722.	2.1	18
213	Lysophosphatidylcholine suppresses apoptosis and induces neurite outgrowth in PC12 cells through activation of phospholipase D2. <i>Experimental and Molecular Medicine</i> , 2006, 38, 375-384.	7.7	18
214	Lysophosphatidylserine regulates blood glucose by enhancing glucose transport in myotubes and adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 783-788.	2.1	18
215	Sequential Fe ₃ O ₄ /TiO ₂ enrichment for phosphopeptide analysis by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1467-1474.	1.5	18
216	Ochratoxin A Inhibits Adipogenesis Through the Extracellular Signal-Related Kinases β -Peroxisome Proliferator-Activated Receptor- β Pathway in Human Adipose Tissue-Derived Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2011, 20, 415-426.	2.1	18

#	ARTICLE	IF	CITATIONS
217	NOTUM Is Involved in the Progression of Colorectal Cancer. <i>Cancer Genomics and Proteomics</i> , 2018, 15, 485-497.	2.0	18
218	The novel phospholipase C activator, m-3M3FBS, induces monocytic leukemia cell apoptosis. <i>Cancer Letters</i> , 2005, 222, 227-235.	7.2	17
219	F2L, a peptide derived from heme-binding protein, inhibits LL-37-induced cell proliferation and tube formation in human umbilical vein endothelial cells. <i>FEBS Letters</i> , 2008, 582, 273-278.	2.8	17
220	Comparative proteome analysis using amine-reactive isobaric tagging reagents coupled with 2D LC/MS/MS in 3T3-L1 adipocytes following hypoxia or normoxia. <i>Biochemical and Biophysical Research Communications</i> , 2009, 383, 135-140.	2.1	17
221	Involvement of exercise-induced macrophage migration inhibitory factor in the prevention of fatty liver disease. <i>Journal of Endocrinology</i> , 2013, 218, 339-348.	2.6	17
222	O-GlcNAc cycling enzymes control vascular development of the placenta by modulating the levels of HIF-1 α . <i>Placenta</i> , 2015, 36, 1063-1068.	1.5	17
223	Hydrogen peroxide-induced phospholipase D2 activation in lymphocytic leukemic L1210 cells. <i>Journal of Leukocyte Biology</i> , 2000, 67, 630-636.	3.3	16
224	Activation of astroglial phospholipase D activity by phorbol ester involves ARF and Rho proteins. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2000, 1485, 153-162.	2.4	16
225	Siah Proteins Induce the Epidermal Growth Factor-dependent Degradation of Phospholipase C μ . <i>Journal of Biological Chemistry</i> , 2008, 283, 1034-1042.	3.4	16
226	Laminin peptide YIGSR induces collagen synthesis in Hs27 human dermal fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2012, 428, 416-421.	2.1	16
227	Parkin ubiquitinates mTOR to regulate mTORC1 activity under mitochondrial stress. <i>Cellular Signalling</i> , 2014, 26, 2122-2130.	3.6	16
228	Functional interaction between CTGF and FPRL1 regulates VEGF-A-induced angiogenesis. <i>Cellular Signalling</i> , 2015, 27, 1439-1448.	3.6	16
229	The enhanced expression of IL-17-secreting T cells during the early progression of atherosclerosis in ApoE-deficient mice fed on a western-type diet. <i>Experimental and Molecular Medicine</i> , 2015, 47, e163-e163.	7.7	16
230	Formation of cellular close-ended tunneling nanotubes through mechanical deformation. <i>Science Advances</i> , 2022, 8, eabj3995.	10.3	16
231	Down-regulation of phospholipase C- β 1 during the differentiation of U937 cells. <i>FEBS Letters</i> , 1995, 358, 105-108.	2.8	15
232	Regulation of Cyclooxygenase-2 Expression by Phospholipase D in Human Amnion-Derived WISH Cells. <i>Molecular Pharmacology</i> , 2002, 61, 614-619.	2.3	15
233	Thimerosal stimulates focal adhesion kinase and cytoskeletal changes by redox modulation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2002, 1593, 9-15.	4.1	15
234	Dynamic relocalization of NHERF1 mediates chemotactic migration of ovarian cancer cells toward lysophosphatidic acid stimulation. <i>Experimental and Molecular Medicine</i> , 2017, 49, e351-e351.	7.7	15

#	ARTICLE	IF	CITATIONS
235	Transcriptional Regulation of Phospholipase C- β 1 Gene during Muscle Differentiation. <i>Biochemical and Biophysical Research Communications</i> , 1995, 206, 194-200.	2.1	14
236	Inhibition of the EGF-induced activation of phospholipase C- β 1 by a single chain antibody fragment. <i>Oncogene</i> , 2001, 20, 7954-7964.	5.9	14
237	Spiraeoside inhibits mast cells activation and IgE-mediated allergic responses by suppressing phospholipase C- β 3-mediated signaling. <i>Biochemistry and Cell Biology</i> , 2015, 93, 227-235.	2.0	14
238	Neurotensin enhances nitric oxide generation via the JAK2-STAT1 pathway in murine macrophage Raw264.7 cells during costimulation with LPS and IFN β . <i>Neuropeptides</i> , 2006, 40, 221-229.	2.2	13
239	Specific Inhibition of Soluble β 2c Receptor Attenuates Collagen-Induced Arthritis by Modulating the Inflammatory T Cell Responses. <i>Frontiers in Immunology</i> , 2019, 10, 209.	4.8	13
240	Regulation of EGFR activation and signaling by lipids on the plasma membrane. <i>Progress in Lipid Research</i> , 2021, 83, 101115.	11.6	13
241	Identification of the Peptides That Inhibit the Stimulation of Thyrotropin Receptor by Graves' Immunoglobulin G from Peptide Libraries. <i>Endocrinology</i> , 1997, 138, 617-626.	2.8	13
242	Cbl competitively inhibits epidermal growth factor-induced activation of phospholipase C-gamma1. <i>Molecules and Cells</i> , 2003, 15, 245-55.	2.6	13
243	Immunological identification of cholesterol ester hydrolase in the steroidogenic tissues, adrenal glands and testis. <i>Lipids and Lipid Metabolism</i> , 1997, 1346, 103-108.	2.6	12
244	Plasma Cell Granuloma in Cyclosporine-Induced Gingival Overgrowth: A Report of Two Cases with Immunohistochemical Positivity of Interleukin-6 and Phospholipase C-gamma1. <i>Journal of Korean Medical Science</i> , 2002, 17, 704.	2.5	12
245	Novel chemoattractant peptides for human leukocytes. <i>Biochemical Pharmacology</i> , 2003, 66, 1841-1851.	4.4	12
246	Phospholipase C- μ Augments Epidermal Growth Factor-dependent Cell Growth by Inhibiting Epidermal Growth Factor Receptor Down-regulation. <i>Journal of Biological Chemistry</i> , 2008, 283, 341-349.	3.4	12
247	Pairwise detection of site-specific receptor phosphorylations using single-molecule blotting. <i>Nature Communications</i> , 2016, 7, 11107.	12.8	12
248	A secretome profile indicative of oleate-induced proliferation of HepG2 hepatocellular carcinoma cells. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-14.	7.7	12
249	A hotspot for enhancing insulin receptor activation revealed by a conformation-specific allosteric aptamer. <i>Nucleic Acids Research</i> , 2021, 49, 700-712.	14.5	12
250	Phase modulation of insulin pulses enhances glucose regulation and enables inter-islet synchronization. <i>PLoS ONE</i> , 2017, 12, e0172901.	2.5	12
251	The synthetic chemoattractant peptide, Trp-Lys-Tyr-Met-Val-D-Met, enhances monocyte survival via PKC-dependent Akt activation. <i>Journal of Leukocyte Biology</i> , 2002, 71, 329-38.	3.3	12
252	A G-protein-coupled 130 kDa phospholipase C isozyme, PLC- δ 24, from the particulate fraction of bovine cerebellum. <i>FEBS Letters</i> , 1993, 331, 38-42.	2.8	11

#	ARTICLE	IF	CITATIONS
253	Transformation of rat fibroblasts by phospholipase C- β 1 overexpression is accompanied by tyrosine dephosphorylation of paxillin. <i>FEBS Letters</i> , 1999, 460, 161-165.	2.8	11
254	Hydrogen Peroxide-Induced VCAM-1 Expression in Pancreatic Islets and β 2-Cells Through Extracellular Ca ²⁺ Influx. <i>Transplantation</i> , 2008, 86, 1257-1266.	1.0	11
255	Phosphorylation of Phospholipase C β 1 Regulates its Enzymatic Activity. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 638-650.	2.6	11
256	Deacetylated β 2-tubulin acts as a positive regulator of Rheb GTPase through increasing its GTP-loading. <i>Cellular Signalling</i> , 2013, 25, 539-551.	3.6	11
257	Aptamer-based single-molecule imaging of insulin receptors in living cells. <i>Journal of Biomedical Optics</i> , 2013, 19, 051204.	2.6	11
258	C1-Ten is a PTPase of nephrin, regulating podocyte hypertrophy through mTORC1 activation. <i>Scientific Reports</i> , 2017, 7, 12346.	3.3	11
259	Inhibition of C1-Ten PTPase activity reduces insulin resistance through IRS-1 and AMPK pathways. <i>Scientific Reports</i> , 2017, 7, 17777.	3.3	11
260	Cellular phosphatase activity of C1-Ten/Tensin2 is controlled by Phosphatidylinositol-3,4,5-triphosphate binding through the C1-Ten/Tensin2 SH2 domain. <i>Cellular Signalling</i> , 2018, 51, 130-138.	3.6	11
261	IgGs from patients with amyotrophic lateral sclerosis and diabetes target CaV β 2 γ 1 subunits impairing islet cell function and survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26816-26822.	7.1	11
262	Phospholipase Signaling in Breast Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1187, 23-52.	1.6	11
263	Loss of phospholipase D2 impairs VEGF-induced angiogenesis. <i>BMB Reports</i> , 2016, 49, 191-196.	2.4	11
264	Trp-Lys-Tyr-Met-Val-Met activates mitogen-activated protein kinase via a PI-3 kinase-mediated pathway independent of PKC. <i>Life Sciences</i> , 1999, 65, 1845-1856.	4.3	10
265	Identification of antigenic peptide recognized by the anti-JL1 leukemia-specific monoclonal antibody from combinatorial peptide phage display libraries. <i>Journal of Cancer Research and Clinical Oncology</i> , 2002, 128, 641-649.	2.5	10
266	Inositol 5'-phosphatase, SHIP1 interacts with phospholipase C- β 1 and modulates EGF-induced PLC activity. <i>Experimental and Molecular Medicine</i> , 2005, 37, 161-168.	7.7	10
267	Identification of novel synthetic peptide showing angiogenic activity in human endothelial cells. <i>Peptides</i> , 2009, 30, 409-418.	2.4	10
268	Tyrosine Phosphorylation of PLC- β 1 Induced by Electroconvulsive Shock in Rat Hippocampus. <i>Biochemical and Biophysical Research Communications</i> , 1993, 194, 665-670.	2.1	9
269	ATP-induced mitogenesis is modulated by phospholipase D2 through extracellular signal regulated protein kinase dephosphorylation in rat pheochromocytoma PC12 cells. <i>Neuroscience Letters</i> , 2001, 313, 117-120.	2.1	9
270	Stability of phospholipase D in primary astrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2002, 297, 545-551.	2.1	9

#	ARTICLE	IF	CITATIONS
271	The Synthetic Chemoattractant Peptide WKYMMVm Induces Superoxide Production by Human Eosinophils via the Phosphoinositide 3-Kinase-Mediated Activation of ERK1/2. <i>International Archives of Allergy and Immunology</i> , 2005, 137, 21-26.	2.1	9
272	Thimerosal induces oxidative stress in HeLa S epithelial cells. <i>Environmental Toxicology and Pharmacology</i> , 2006, 22, 194-199.	4.0	9
273	F2L, a peptide derived from heme-binding protein, inhibits formyl peptide receptor-mediated signaling. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 985-990.	2.1	9
274	Determination of EGFR Endocytosis Kinetic by Auto-Regulatory Association of PLD1 with β 42. <i>PLoS ONE</i> , 2009, 4, e7090.	2.5	9
275	ConPlex: a server for the evolutionary conservation analysis of protein complex structures. <i>Nucleic Acids Research</i> , 2010, 38, W450-W456.	14.5	9
276	Computational Design of Binding Proteins to EGFR Domain II. <i>PLoS ONE</i> , 2014, 9, e92513.	2.5	9
277	Nudix-type motif 2 contributes to cancer proliferation through the regulation of Rag GTPase-mediated mammalian target of rapamycin complex 1 localization. <i>Cellular Signalling</i> , 2017, 32, 24-35.	3.6	9
278	Phospholipase C-beta3 mediates the thrombin-induced Ca ²⁺ response in glial cells. <i>Molecules and Cells</i> , 2005, 19, 375-81.	2.6	9
279	Involvement of SH2-SH2-SH3 domain of phospholipase C β 1 in NF- κ B signaling. <i>FEBS Letters</i> , 2000, 472, 45-49.	2.8	8
280	Identification of a new functional target of haloperidol metabolite: implications for a receptor-independent role of 3-(4-fluorobenzoyl) propionic acid. <i>Journal of Neurochemistry</i> , 2006, 99, 458-469.	3.9	8
281	Characterization of PEGylated Anti-VEGF aptamers using surface plasmon resonance. <i>Macromolecular Research</i> , 2008, 16, 182-184.	2.4	8
282	Blue-conversion of organic dyes produces artifacts in multicolor fluorescence imaging. <i>Chemical Science</i> , 2021, 12, 8660-8667.	7.4	8
283	Emodin induces collagen type I synthesis in Hs27 human dermal fibroblasts. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 420.	1.8	8
284	Improved resolution in single-molecule localization microscopy using QD-PAINT. <i>Experimental and Molecular Medicine</i> , 2021, 53, 384-392.	7.7	8
285	Antineoplastic natural products and the analogues IV. Aurapten, the cytotoxic coumarin from <i>Poncirus trifoliata</i> against L1210 cell. <i>Archives of Pharmacal Research</i> , 1985, 8, 187-190.	6.3	7
286	Immunological characterization of 130 kDa phospholipase C- β 4 isozyme in rat cerebellar Purkinje cells. <i>Neuroscience Letters</i> , 2000, 292, 9-12.	2.1	7
287	Regulation of phospholipase C- β 1 by protein kinase A-dependent phosphorylation. <i>Advances in Enzyme Regulation</i> , 2002, 42, 195-211.	2.6	7
288	Regulation of phospholipase D2 by GTP-dependent interaction with dynamin. <i>Advances in Enzyme Regulation</i> , 2004, 44, 249-264.	2.6	7

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289	Xanthene Derivatives Increase Glucose Utilization through Activation of LKB1-Dependent AMP-Activated Protein Kinase. <i>PLoS ONE</i> , 2014, 9, e108771.	2.5	7
290	Chlormadinone acetate promotes osteoblast differentiation of human mesenchymal stem cells through the ERK signaling pathway. <i>European Journal of Pharmacology</i> , 2014, 726, 1-8.	3.5	7
291	Mechanistic understanding of insulin receptor modulation: Implications for the development of anti-diabetic drugs. , 2018, 185, 86-98.		7
292	Reduced expression of PLC- β 3 during the differentiation of mouse F9 teratocarcinoma cells. <i>Cancer Letters</i> , 1993, 68, 237-242.	7.2	6
293	Tyrosine Phosphorylation of Phospholipase C- β 1 by Vaccinia Virus Growth Factor. <i>Virology</i> , 1995, 214, 21-28.	2.4	6
294	Interaction between glutathione and glutathione-S-transferase on dendron self-assembled controlled pore glass beads. <i>Tetrahedron</i> , 2004, 60, 7293-7299.	1.9	6
295	Development of ERE/DRE-dual CALUX bioassays system for monitoring estrogen- and dioxin-like persistent organic pollutants. <i>Biotechnology and Bioprocess Engineering</i> , 2012, 17, 634-642.	2.6	6
296	Water Extract of <i>Pleurotus eryngii</i> var. <i>ferulae</i> Prevents High-Fat Diet-Induced Obesity by Inhibiting Pancreatic Lipase. <i>Journal of Medicinal Food</i> , 2019, 22, 178-185.	1.5	6
297	ATP-induced focal adhesion kinase activity is negatively modulated by phospholipase D2 in PC12 cells. <i>Experimental and Molecular Medicine</i> , 2001, 33, 150-155.	7.7	5
298	The synthetic peptide, His-Phe-Tyr-Leu-Pro-Met, is a chemoattractant for Jukat T cells. <i>Experimental and Molecular Medicine</i> , 2001, 33, 257-262.	7.7	5
299	C-terminal part of AgRP stimulates insulin secretion through calcium release in pancreatic β 2 Rin5mf cells. <i>Neuropeptides</i> , 2005, 39, 385-393.	2.2	5
300	Direct Profiling the Post-Translational Modification Codes of a Single Protein Immobilized on a Surface Using Cu-free Click Chemistry. <i>ACS Central Science</i> , 2018, 4, 614-623.	11.3	5
301	Efficacy of newly discovered DNA aptamers targeting AXL in a lung cancer cell with acquired resistance to Erlotinib. <i>Translational Cancer Research</i> , 2021, 10, 1025-1033.	1.0	5
302	Targeting PLD2 in adipocytes augments adaptive thermogenesis by improving mitochondrial quality and quantity in mice. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	5
303	Antineoplastic natural products and the analogues V. Antitumor activity of skullcapflavon II. <i>Archives of Pharmacal Research</i> , 1985, 8, 253-256.	6.3	4
304	Promoter Region of the Rat Phospholipase C- β 1 Gene. <i>Biochemical and Biophysical Research Communications</i> , 1993, 194, 294-300.	2.1	4
305	The Promoter Activity of the Phospholipase C- β 2 Gene Is Regulated by a Cell-Type-Specific Control Element. <i>DNA and Cell Biology</i> , 1997, 16, 485-492.	1.9	4
306	2,2',4,6,6'-Pentachlorobiphenyl Induces Mitotic Arrest and p53 Activation. <i>Toxicological Sciences</i> , 2004, 78, 215-221.	3.1	4

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307	Leumorphin has an anti-apoptotic effect by activating epidermal growth factor receptor kinase in rat pheochromocytoma PC12 cells. <i>Journal of Neurochemistry</i> , 2005, 95, 56-67.	3.9	4
308	The androgenic anabolic steroid tetrahydrogestrinone produces dioxin-like effects via the aryl hydrocarbon receptor. <i>Toxicology in Vitro</i> , 2012, 26, 1129-1133.	2.4	4
309	A phospholipase D2 inhibitor, CAY10594, ameliorates acetaminophen-induced acute liver injury by regulating the phosphorylated-GSK-3 β /JNK axis. <i>Scientific Reports</i> , 2019, 9, 7242.	3.3	4
310	Inositol pyrophosphates and Akt/PKB: Is the pancreatic β -cell the exception to the rule?. <i>Cellular Signalling</i> , 2019, 58, 131-136.	3.6	4
311	Insulin modulates the frequency of Ca ²⁺ oscillations in mouse pancreatic islets. <i>PLoS ONE</i> , 2017, 12, e0183569.	2.5	4
312	An aptamer agonist of the insulin receptor acts as a positive or negative allosteric modulator, depending on its concentration. <i>Experimental and Molecular Medicine</i> , 2022, 54, 531-541.	7.7	4
313	Regulation of C1-Ten protein tyrosine phosphatase by p62/SQSTM1-mediated sequestration and degradation. <i>Cellular Signalling</i> , 2014, 26, 2470-2480.	3.6	3
314	GTP-dependent interaction between phospholipase D and dynamin modulates fibronectin-induced cell spreading. <i>Cellular Signalling</i> , 2015, 27, 2363-2370.	3.6	3
315	Structural Basis for the Antibiotic Resistance of Eukaryotic Isoleucyl-tRNA Synthetase. <i>Molecules and Cells</i> , 2020, 43, 350-359.	2.6	3
316	Glycerolipids in signal transduction. <i>New Comprehensive Biochemistry</i> , 1996, , 237-255.	0.1	2
317	Mouse Sphingosine Kinase 1a Is Negatively Regulated through Conventional PKC-Dependent Phosphorylation at S373 Residue. <i>PLoS ONE</i> , 2015, 10, e0143695.	2.5	2
318	Analysis of transient membrane protein interactions by single-molecule diffusional mobility shift assay. <i>Experimental and Molecular Medicine</i> , 2021, 53, 291-299.	7.7	2
319	2,2',4,6,6'-Pentachlorobiphenyl-Induced Apoptosis Is Limited by Cyclooxygenase-2 Induction. <i>Toxicological Sciences</i> , 2004, 83, 397-404.	3.1	1
320	A small compound that inhibits lipopolysaccharide-induced tumor necrosis factor- α production. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 797-802.	2.1	1
321	Ligand profiling and identification technology for searching bioactive ligands. <i>Proteomics</i> , 2006, 6, 1741-1749.	2.2	1
322	Protein kinase C- δ negatively regulates EGF-induced PLC- ϵ activity through direct phosphorylation. <i>Advances in Enzyme Regulation</i> , 2010, 50, 178-189.	2.6	1
323	Analysis of Interactions between the Epidermal Growth Factor Receptor and Soluble Ligands on the Basis of Single-Molecule Diffusivity in the Membrane of Living Cells. <i>Angewandte Chemie</i> , 2015, 127, 7134-7138.	2.0	1
324	Phosphoinositide-Specific Phospholipase C (PI-PLC). , 2018, , 3973-3988.		1

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325	Cloning and characterization of 5'-upstream region of human phospholipase C- β 2 gene. <i>Experimental and Molecular Medicine</i> , 2001, 33, 76-82.	7.7	0
326	Compounds stimulating cytosolic phospholipase A2 activity with a combinational action mode. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 632-638.	2.1	0
327	Phospholipase C β 1 is activated by intracellular Ca ²⁺ mobilization and enhances GPCR-mediated signaling. <i>FASEB Journal</i> , 2010, 24, 1b177.	0.5	0
328	Emerging Roles of Phospholipase D in Pathophysiological Signaling. , 2014, , 359-379.		0
329	Phospholipase D2 drives mortality in sepsis by inhibiting neutrophil extracellular trap formation and down-regulating CXCR2. <i>Journal of Cell Biology</i> , 2015, 210, 2105OIA172.	5.2	0
330	Phosphoinositide-Specific Phospholipase C (PI-PLC). , 2016, , 1-16.		0