

# Sung Ho Ryu

## List of Publications by Year in descending order

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330  
papers

16,448  
citations

15466

65  
h-index

25716

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.	3.2	844
2	Leucyl-tRNA Synthetase Is an Intracellular Leucine Sensor for the mTORC1-Signaling Pathway. <i>Cell</i> , 2012, 149, 410-424.	13.5	672
3	Multiple roles of phosphoinositide-specific phospholipase C isozymes. <i>BMB Reports</i> , 2008, 41, 415-434.	1.1	412
4	Cloning and sequence of multiple forms of phospholipase C. <i>Cell</i> , 1988, 54, 161-169.	13.5	359
5	Phospholipase C isozymes selectively couple to specific neurotransmitter receptors. <i>Nature</i> , 1997, 389, 290-293.	13.7	293
6	Phosphorylation of WAVE1 regulates actin polymerization and dendritic spine morphology. <i>Nature</i> , 2006, 442, 814-817.	13.7	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.	2.8	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.	1.0	229
9	Sequential Activation of Phosphatidylinositol 3-Kinase, $\text{P}^{2}\text{Pix}$ , Rac1, and Nox1 in Growth Factor-Induced Production of $\text{H}_2\text{O}_2$ . <i>Molecular and Cellular Biology</i> , 2004, 24, 4384-4394.	1.1	214
10	Supramolecular fishing for plasma membrane proteins using an ultrastable synthetic host-guest binding pair. <i>Nature Chemistry</i> , 2011, 3, 154-159.	6.6	208
11	Phospholipase signalling networks in cancer. <i>Nature Reviews Cancer</i> , 2012, 12, 782-792.	12.8	204
12	Resveratrol induces autophagy by directly inhibiting mTOR through ATP competition. <i>Scientific Reports</i> , 2016, 6, 21772.	1.6	200
13	GlcNAcase is essential for embryonic development and maintenance of genomic stability. <i>Aging Cell</i> , 2012, 11, 439-448.	3.0	192
14	Proteomic Analysis of Tumor Necrosis Factor- $\alpha$ -Induced Secretome of Human Adipose Tissue-Derived Mesenchymal Stem Cells. <i>Journal of Proteome Research</i> , 2010, 9, 1754-1762.	1.8	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.	1.6	176
16	Overexpression of phospholipase D1 in human breast cancer tissues. <i>Cancer Letters</i> , 2000, 161, 207-214.	3.2	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.	1.1	156
18	Identification of Peptides That Antagonize Formyl Peptide Receptor-Like 1-Mediated Signaling. <i>Journal of Immunology</i> , 2004, 173, 607-614.	0.4	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.	5.3	146
20	Identification of a Compound That Directly Stimulates Phospholipase C Activity. <i>Molecular Pharmacology</i> , 2003, 63, 1043-1050.	1.0	143
21	Gut microbe-derived extracellular vesicles induce insulin resistance, thereby impairing glucose metabolism in skeletal muscle. <i>Scientific Reports</i> , 2015, 5, 15878.	1.6	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.	0.4	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.	1.6	127
24	Molecular cloning and characterization of a novel phospholipase C, PLC- $\hat{1}$ . <i>Biochemical Journal</i> , 2005, 389, 181-186.	1.7	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.	4.6	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.	1.6	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.	1.6	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.	1.6	112
29	Ca <sup>2+</sup> -dependent Inhibition of Na <sup>+</sup> /H <sup>+</sup> 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.	1.6	111
30	N-terminal site-specific mono-PEGylation of epidermal growth factor. <i>Pharmaceutical Research</i> , 2003, 20, 818-825.	1.7	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.	0.9	108
32	Osteoclast-secreted SLIT3 coordinates bone resorption and formation. <i>Journal of Clinical Investigation</i> , 2018, 128, 1429-1441.	3.9	106
33	CXCL12 secreted from adipose tissue recruits macrophages and induces insulin resistance in mice. <i>Diabetologia</i> , 2014, 57, 1456-1465.	2.9	104
34	Activation of phospholipase D1 by direct interaction with ADP-ribosylation factor 1 and Ra1A. <i>FEBS Letters</i> , 1998, 430, 231-235.	1.3	100
35	Actin Directly Interacts with Phospholipase D, Inhibiting Its Activity. <i>Journal of Biological Chemistry</i> , 2001, 276, 28252-28260.	1.6	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.	1.7	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.	1.6	91
38	Catalytic properties of inositol trisphosphate kinase: activation by Ca <sup>2+</sup> and calmodulin. <i>FASEB Journal</i> , 1987, 1, 388-393.	0.2	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.	2.0	88
40	Periostin-binding DNA Aptamer Inhibits Breast Cancer Growth and Metastasis. <i>Molecular Therapy</i> , 2013, 21, 1004-1013.	3.7	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.	0.8	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.	1.1	87
43	Molecular Mechanisms Underlying Psychological Stress and Cancer. <i>Current Pharmaceutical Design</i> , 2016, 22, 2389-2402.	0.9	87
44	Regulation of Phospholipase C- $\beta$ 3 Activity by Na <sup>+</sup> /H <sup>+</sup> Exchanger Regulatory Factor 2. <i>Journal of Biological Chemistry</i> , 2000, 275, 16632-16637.	1.6	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.	1.2	85
46	NHERF2 Specifically Interacts with LPA 2 Receptor and Defines the Specificity and Efficiency of Receptor-Mediated Phospholipase C- $\beta$ 3 Activation. <i>Molecular and Cellular Biology</i> , 2004, 24, 5069-5079.	1.1	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.	0.9	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.	0.2	84
49	Selective activation of phospholipase D2 by unsaturated fatty acid. <i>FEBS Letters</i> , 1999, 454, 42-46.	1.3	83
50	Microbial Imidazole Propionate Affects Responses to Metformin through p38 $\beta$ -Dependent Inhibitory AMPK Phosphorylation. <i>Cell Metabolism</i> , 2020, 32, 643-653.e4.	7.2	83
51	Comparative proteomic analysis of the insulin-induced L6 myotube secretome. <i>Proteomics</i> , 2009, 9, 51-60.	1.3	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.	1.6	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.	3.3	80
54	Proteolytic cleavage of phospholipase C- $\beta$ 1 during apoptosis in Molt-4 cells. <i>FASEB Journal</i> , 2000, 14, 1083-1092.	0.2	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.	1.6	76
56	The Roles of PDZ-Containing Proteins in PLC- $\beta$ -Mediated Signaling. <i>Biochemical and Biophysical Research Communications</i> , 2001, 288, 1-7.	1.0	76
57	Differential Activation of Formyl Peptide Receptor-Like 1 by Peptide Ligands. <i>Journal of Immunology</i> , 2003, 171, 6807-6813.	0.4	76
58	Two forms of phosphatidylinositol-specific phospholipase C from bovine brain. <i>Biochemical and Biophysical Research Communications</i> , 1986, 141, 137-144.	1.0	74
59	The Interaction of Phospholipase C- $\beta$ 3 with Shank2 Regulates mGluR-mediated Calcium Signal. <i>Journal of Biological Chemistry</i> , 2005, 280, 12467-12473.	1.6	74
60	Phospholipase D2 Directly Interacts with Aldolase via Its PH Domain. <i>Biochemistry</i> , 2002, 41, 3414-3421.	1.2	73
61	S1P stimulates chemotactic migration and invasion in OVCAR3 ovarian cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 239-244.	1.0	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.	4.2	73
63	Phospholipase C- $\beta$ 1 and oxytocin receptor signalling: evidence of its role as an effector. <i>Biochemical Journal</i> , 1998, 331, 283-289.	1.7	72
64	Identification of novel chemoattractant peptides for human leukocytes. <i>Blood</i> , 2001, 97, 2854-2862.	0.6	70
65	The mechanism of phospholipase C- $\beta$ 1 regulation. <i>Experimental and Molecular Medicine</i> , 2000, 32, 101-109.	3.2	69
66	SH2 Domains Serve as Lipid-Binding Modules for pTyr-Signaling Proteins. <i>Molecular Cell</i> , 2016, 62, 7-20.	4.5	69
67	Purine-Based Inhibitors of Inositol-1,4,5-trisphosphate-3-kinase. <i>ChemBioChem</i> , 2002, 3, 897-901.	1.3	68
68	Luteolin inhibits the nuclear factor- $\kappa$ B transcriptional activity in Rat-1 fibroblasts. <i>Biochemical Pharmacology</i> , 2003, 66, 955-963.	2.0	67
69	Elevated O-GlcNAcylation promotes colonic inflammation and tumorigenesis by modulating NF- $\kappa$ B signaling. <i>Oncotarget</i> , 2015, 6, 12529-12542.	0.8	67
70	RhoA and a Cytosolic 50-kDa Factor Reconstitute GTP $\gamma$ S-dependent Phospholipase D Activity in Human Neutrophil Subcellular Fractions. <i>Journal of Biological Chemistry</i> , 1995, 270, 27093-27098.	1.6	66
71	Localization of two forms of phospholipase C- $\beta$ 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.	2.0	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.	1.6	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.	1.7	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.	1.1	65
76	Comparative analysis of the secretory proteome of human adipose stromal vascular fraction cells during adipogenesis. <i>Proteomics</i> , 2010, 10, 394-405.	1.3	64
77	Emodin Regulates Glucose Utilization by Activating AMP-activated Protein Kinase*. <i>Journal of Biological Chemistry</i> , 2013, 288, 5732-5742.	1.6	64
78	Phospholipase D1 in Caveolae: Regulation by Protein Kinase C $\alpha$ and Caveolin-1. <i>Biochemistry</i> , 1999, 38, 3763-3769.	1.2	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.	1.6	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.	1.5	62
81	Crosstalk between Src and major vault protein in epidermal growth factor-dependent cell signalling. <i>FEBS Journal</i> , 2006, 273, 793-804.	2.2	61
82	Phorbol myristate acetate-dependent association of protein kinase C $\alpha$ 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.	2.0	60
84	Evolutionary conservation in multiple faces of protein interaction. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 77, 14-25.	1.5	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.	0.4	60
86	Theranostic systems assembled in situ on demand by host-guest chemistry. <i>Biomaterials</i> , 2011, 32, 7687-7694.	5.7	60
87	Direct Interaction of SOS1 Ras Exchange Protein with the SH3 Domain of Phospholipase C- $\beta$ 1. <i>Biochemistry</i> , 2000, 39, 8674-8682.	1.2	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.	1.5	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.	1.6	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.	2.0	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.	0.4	56
92	Phospholipase C- $\beta$ 1 involved in brain disorders. <i>Advances in Biological Regulation</i> , 2013, 53, 51-62.	1.4	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.	1.7	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.	0.9	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.	1.2	53
96	PLD2 forms a functional complex with mTOR/raptor to transduce mitogenic signals. <i>Cellular Signalling</i> , 2006, 18, 2283-2291.	1.7	52
97	Collapsin response mediator protein-2 regulates neurite formation by modulating tubulin GTPase activity. <i>Cellular Signalling</i> , 2009, 21, 1818-1826.	1.7	52
98	DJ-1 promotes angiogenesis and osteogenesis by activating FGF receptor-1 signaling. <i>Nature Communications</i> , 2012, 3, 1296.	5.8	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.	6.5	51
100	Phosphorylation-dependent Regulation of Phospholipase D2 by Protein Kinase C $\beta$ in Rat Pheochromocytoma PC12 Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 8290-8297.	1.6	50
101	Phospholipase C- $\beta$ 1 is activated by intracellular Ca <sup>2+</sup> mobilization and enhances GPCRs/PLC/Ca <sup>2+</sup> signaling. <i>Cellular Signalling</i> , 2011, 23, 1022-1029.	1.7	50
102	Lipase Activities of p37, the Major Envelope Protein of Vaccinia Virus. <i>Journal of Biological Chemistry</i> , 1997, 272, 32042-32049.	1.6	49
103	Differential Signaling of Formyl Peptide Receptor-Like 1 by Trp-Lys-Tyr-Met-Val-Met-CONH <sub>2</sub> or Lipoxin A4 in Human Neutrophils. <i>Molecular Pharmacology</i> , 2003, 64, 721-730.	1.0	49
104	Differential Activation of Formyl Peptide Receptor Signaling by Peptide Ligands. <i>Molecular Pharmacology</i> , 2003, 64, 841-847.	1.0	48
105	The Direct Interaction of Phospholipase C- $\beta$ 1 with Phospholipase D2 Is Important for Epidermal Growth Factor Signaling. <i>Journal of Biological Chemistry</i> , 2003, 278, 18184-18190.	1.6	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.	1.8	48
107	Bioimaging of Nucleolin Aptamer-Containing 5-( <i>N</i> -benzylcarboxamide)-2 $\beta$ -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.	1.0	48

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109	Myricetin improves endurance capacity and mitochondrial density by activating SIRT1 and PGC-1 $\beta$ . <i>Scientific Reports</i> , 2017, 7, 6237.	1.6	48
110	Phospholipase D2 Activity Suppresses Hydrogen Peroxide-Induced Apoptosis in PC12 Cells. <i>Journal of Neurochemistry</i> , 2002, 75, 1053-1059.	2.1	47
111	Proteomic Analysis of Tumor Necrosis Factor-Alpha (TNF- $\alpha$ )-Induced L6 Myotube Secretome Reveals Novel TNF- $\alpha$ -Dependent Myokines in Diabetic Skeletal Muscle. <i>Journal of Proteome Research</i> , 2011, 10, 5315-5325.	1.8	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.	2.5	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.	6.5	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.	1.2	46
115	Phospholipase C- $\beta$ 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.	1.2	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.	1.2	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.	1.0	44
118	2,2',4,6'-Tetrachlorobiphenyl Induces Apoptosis in Human Monocytic Cells. <i>Toxicology and Applied Pharmacology</i> , 2000, 169, 1-7.	1.3	43
119	Lysophosphatidic acid regulates blood glucose by stimulating myotube and adipocyte glucose uptake. <i>Journal of Molecular Medicine</i> , 2008, 86, 211-220.	1.7	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.	1.6	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.	1.0	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.	1.5	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.	0.4	41
124	Proteomic analysis of hypoxia-induced U373MG glioma secretome reveals novel hypoxia-dependent migration factors. <i>Proteomics</i> , 2014, 14, 1494-1502.	1.3	41
125	Enhanced expression of neuronal nitric oxide synthase and phospholipase C- $\beta$ 1 in regenerating murine neuronal cells by pulsed electromagnetic field. <i>Experimental and Molecular Medicine</i> , 2002, 34, 53-59.	3.2	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.	1.6	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.	2.1	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.	1.2	40
129	Inhibition of Muscarinic Receptor-linked Phospholipase D Activation by Association with Tubulin. <i>Journal of Biological Chemistry</i> , 2005, 280, 3723-3730.	1.6	40
130	RGS2 promotes formation of neurites by stimulating microtubule polymerization. <i>Cellular Signalling</i> , 2006, 18, 2182-2192.	1.7	40
131	Cdk5 phosphorylates PLD2 to mediate EGF-dependent insulin secretion. <i>Cellular Signalling</i> , 2008, 20, 1787-1794.	1.7	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.	1.2	39
133	Proteolytic cleavage of epidermal growth factor receptor by caspases. <i>FEBS Letters</i> , 2001, 491, 16-20.	1.3	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.	1.6	39
135	Signal Transduction of Hyaluronic Acid~Peptide Conjugate for Formyl Peptide Receptor Like 1 Receptor. <i>Bioconjugate Chemistry</i> , 2008, 19, 2401-2408.	1.8	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.	0.4	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.	1.0	38
138	Endothelial Deletion of Phospholipase D2 Reduces Hypoxic Response and Pathological Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1697-1703.	1.1	38
139	Purification and some properties of a phospholipase A2 from bovine platelets. <i>Biochemical and Biophysical Research Communications</i> , 1991, 174, 189-196.	1.0	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.	2.1	37
141	Thiram and Ziram Stimulate Non-Selective Cation Channel and Induce Apoptosis in PC12 Cells. <i>NeuroToxicology</i> , 2003, 24, 425-434.	1.4	37
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