

# Sung Ho Ryu

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Formation of cellular close-ended tunneling nanotubes through mechanical deformation. <i>Science Advances</i> , 2022, 8, eabj3995.	4.7	16
2	Targeting PLD2 in adipocytes augments adaptive thermogenesis by improving mitochondrial quality and quantity in mice. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	5
3	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.	3.2	4
4	A hotspot for enhancing insulin receptor activation revealed by a conformation-specific allosteric aptamer. <i>Nucleic Acids Research</i> , 2021, 49, 700-712.	6.5	12
5	Blue-conversion of organic dyes produces artifacts in multicolor fluorescence imaging. <i>Chemical Science</i> , 2021, 12, 8660-8667.	3.7	8
6	Phospholipase Signaling in Breast Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1187, 23-52.	0.8	11
7	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.	0.4	5
8	Emodin induces collagen type I synthesis in Hs27 human dermal fibroblasts. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 420.	0.8	8
9	Analysis of transient membrane protein interactions by single-molecule diffusional mobility shift assay. <i>Experimental and Molecular Medicine</i> , 2021, 53, 291-299.	3.2	2
10	Improved resolution in single-molecule localization microscopy using QD-PAINT. <i>Experimental and Molecular Medicine</i> , 2021, 53, 384-392.	3.2	8
11	Regulation of EGFR activation and signaling by lipids on the plasma membrane. <i>Progress in Lipid Research</i> , 2021, 83, 101115.	5.3	13
12	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
13	Structural Basis for the Antibiotic Resistance of Eukaryotic Isoleucyl-tRNA Synthetase. <i>Molecules and Cells</i> , 2020, 43, 350-359.	1.0	3
14	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.	0.8	6
15	A phospholipase D2 inhibitor, CAY10594, ameliorates acetaminophen-induced acute liver injury by regulating the phosphorylated-GSK-3 $\beta$ /JNK axis. <i>Scientific Reports</i> , 2019, 9, 7242.	1.6	4
16	Inositol pyrophosphates and Akt/PKB: Is the pancreatic $\beta$ -cell the exception to the rule?. <i>Cellular Signalling</i> , 2019, 58, 131-136.	1.7	4
17	Specific Inhibition of Soluble $\beta$ c Receptor Attenuates Collagen-Induced Arthritis by Modulating the Inflammatory T Cell Responses. <i>Frontiers in Immunology</i> , 2019, 10, 209.	2.2	13
18	IgGs from patients with amyotrophic lateral sclerosis and diabetes target CaV $\beta$ 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.	3.3	11

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19	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.	5.3	5
20	Mechanistic understanding of insulin receptor modulation: Implications for the development of anti-diabetic drugs. , 2018, 185, 86-98.		7
21	Inositol hexakisphosphate kinase 1 is a metabolic sensor in pancreatic $\beta$ -cells. <i>Cellular Signalling</i> , 2018, 46, 120-128.	1.7	20
22	Direct visualization of single-molecule membrane protein interactions in living cells. <i>PLoS Biology</i> , 2018, 16, e2006660.	2.6	25
23	NOTUM Is Involved in the Progression of Colorectal Cancer. <i>Cancer Genomics and Proteomics</i> , 2018, 15, 485-497.	1.0	18
24	A secretome profile indicative of oleate-induced proliferation of HepG2 hepatocellular carcinoma cells. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-14.	3.2	12
25	Blocking $Ca^{2+}$ Channel $\beta_3$ Subunit Reverses Diabetes. <i>Cell Reports</i> , 2018, 24, 922-934.	2.9	21
26	Mechanisms regulating intestinal barrier integrity and its pathological implications. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-9.	3.2	844
27	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.	1.7	11
28	Osteoclast-secreted SLIT3 coordinates bone resorption and formation. <i>Journal of Clinical Investigation</i> , 2018, 128, 1429-1441.	3.9	106
29	Phosphoinositide-Specific Phospholipase C (PI-PLC). , 2018, , 3973-3988.		1
30	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.	1.7	9
31	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.	3.7	29
32	Intestinal Epithelial Cell-Specific Deletion of PLD2 Alleviates DSS-Induced Colitis by Regulating Occludin. <i>Scientific Reports</i> , 2017, 7, 1573.	1.6	25
33	C1-Ten is a PTPase of nephrin, regulating podocyte hypertrophy through mTORC1 activation. <i>Scientific Reports</i> , 2017, 7, 12346.	1.6	11
34	Myricetin improves endurance capacity and mitochondrial density by activating SIRT1 and PGC-1 $\beta$ . <i>Scientific Reports</i> , 2017, 7, 6237.	1.6	48
35	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.	3.2	15
36	Inhibition of C1-Ten PTPase activity reduces insulin resistance through IRS-1 and AMPK pathways. <i>Scientific Reports</i> , 2017, 7, 17777.	1.6	11

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37	Phase modulation of insulin pulses enhances glucose regulation and enables inter-islet synchronization. <i>PLoS ONE</i> , 2017, 12, e0172901.	1.1	12
38	Insulin modulates the frequency of Ca <sup>2+</sup> oscillations in mouse pancreatic islets. <i>PLoS ONE</i> , 2017, 12, e0183569.	1.1	4
39	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
40	Pairwise detection of site-specific receptor phosphorylations using single-molecule blotting. <i>Nature Communications</i> , 2016, 7, 11107.	5.8	12
41	Resveratrol induces autophagy by directly inhibiting mTOR through ATP competition. <i>Scientific Reports</i> , 2016, 6, 21772.	1.6	200
42	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
43	Accumulating insights into the role of phospholipase D2 in human diseases. <i>Advances in Biological Regulation</i> , 2016, 61, 42-46.	1.4	36
44	SH2 Domains Serve as Lipid-Binding Modules for pTyr-Signaling Proteins. <i>Molecular Cell</i> , 2016, 62, 7-20.	4.5	69
45	Roles of phosphoinositide-specific phospholipase C <sup>β</sup> 1 in brain development. <i>Advances in Biological Regulation</i> , 2016, 60, 167-173.	1.4	26
46	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
47	Molecular Mechanisms Underlying Psychological Stress and Cancer. <i>Current Pharmaceutical Design</i> , 2016, 22, 2389-2402.	0.9	87
48	Loss of phospholipase D2 impairs VEGF-induced angiogenesis. <i>BMB Reports</i> , 2016, 49, 191-196.	1.1	11
49	Phosphoinositide-Specific Phospholipase C (PI-PLC). , 2016, , 1-16.		0
50	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
51	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.	1.6	1
52	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.	7.2	20
53	Mouse Sphingosine Kinase 1a Is Negatively Regulated through Conventional PKC-Dependent Phosphorylation at S373 Residue. <i>PLoS ONE</i> , 2015, 10, e0143695.	1.1	2
54	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.	2.2	27

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55	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
56	Functional interaction between CTGF and FPRL1 regulates VEGF-A-induced angiogenesis. <i>Cellular Signalling</i> , 2015, 27, 1439-1448.	1.7	16
57	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.	3.2	16
58	GTP-dependent interaction between phospholipase D and dynamin modulates fibronectin-induced cell spreading. <i>Cellular Signalling</i> , 2015, 27, 2363-2370.	1.7	3
59	PI3K-C2 $\beta$ Knockdown Results in Rerouting of Insulin Signaling and Pancreatic Beta Cell Proliferation. <i>Cell Reports</i> , 2015, 13, 15-22.	2.9	31
60	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
61	Apolipoprotein a1 increases mitochondrial biogenesis through AMP-activated protein kinase. <i>Cellular Signalling</i> , 2015, 27, 1873-1881.	1.7	21
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	O-GlcNAc cycling enzymes control vascular development of the placenta by modulating the levels of HIF-1 $\alpha$ . <i>Placenta</i> , 2015, 36, 1063-1068.	0.7	17
64	Obesity resistance and increased energy expenditure by white adipose tissue browning in Oga +/- mice. <i>Diabetologia</i> , 2015, 58, 2867-2876.	2.9	27
65	Spiraeoside inhibits mast cells activation and IgE-mediated allergic responses by suppressing phospholipase C- $\beta$ -mediated signaling. <i>Biochemistry and Cell Biology</i> , 2015, 93, 227-235.	0.9	14
66	DJ-1 contributes to adipogenesis and obesity-induced inflammation. <i>Scientific Reports</i> , 2015, 4, 4805.	1.6	31
67	Isolation of Foreign Material-Free Endothelial Progenitor Cells Using CD31 Aptamer and Therapeutic Application for Ischemic Injury. <i>PLoS ONE</i> , 2015, 10, e0131785.	1.1	21
68	Elevated O-GlcNAcylation promotes colonic inflammation and tumorigenesis by modulating NF- $\kappa$ B signaling. <i>Oncotarget</i> , 2015, 6, 12529-12542.	0.8	67
69	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.	2.3	0
70	Computational Design of Binding Proteins to EGFR Domain II. <i>PLoS ONE</i> , 2014, 9, e92513.	1.1	9
71	Xanthene Derivatives Increase Glucose Utilization through Activation of LKB1-Dependent AMP-Activated Protein Kinase. <i>PLoS ONE</i> , 2014, 9, e108771.	1.1	7
72	OGA heterozygosity suppresses intestinal tumorigenesis in Apcmin/+ mice. <i>Oncogenesis</i> , 2014, 3, e109-e109.	2.1	21

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73	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
74	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.	1.7	7
75	Proteomic analysis of hypoxia-induced U373MG glioma secretome reveals novel hypoxia-dependent migration factors. <i>Proteomics</i> , 2014, 14, 1494-1502.	1.3	41
76	Parkin ubiquitinates mTOR to regulate mTORC1 activity under mitochondrial stress. <i>Cellular Signalling</i> , 2014, 26, 2122-2130.	1.7	16
77	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
78	Regulation of C1-Ten protein tyrosine phosphatase by p62/SQSTM1-mediated sequestration and degradation. <i>Cellular Signalling</i> , 2014, 26, 2470-2480.	1.7	3
79	CXCL12 secreted from adipose tissue recruits macrophages and induces insulin resistance in mice. <i>Diabetologia</i> , 2014, 57, 1456-1465.	2.9	104
80	Emerging Roles of Phospholipase D in Pathophysiological Signaling. , 2014, , 359-379.		0
81	Emodin Regulates Glucose Utilization by Activating AMP-activated Protein Kinase*. <i>Journal of Biological Chemistry</i> , 2013, 288, 5732-5742.	1.6	64
82	Deacetylated $\alpha$ -tubulin acts as a positive regulator of Rheb GTPase through increasing its GTP-loading. <i>Cellular Signalling</i> , 2013, 25, 539-551.	1.7	11
83	Phospholipase C- $\beta$ 1 involved in brain disorders. <i>Advances in Biological Regulation</i> , 2013, 53, 51-62.	1.4	56
84	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
85	Periostin-binding DNA Aptamer Inhibits Breast Cancer Growth and Metastasis. <i>Molecular Therapy</i> , 2013, 21, 1004-1013.	3.7	88
86	Inhibitory effect on NO production of triterpenes from the fruiting bodies of <i>Ganoderma lucidum</i> . <i>Biorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1428-1432.	1.0	48
87	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
88	Functional interplay between Aurora B kinase and Ssu72 phosphatase regulates sister chromatid cohesion. <i>Nature Communications</i> , 2013, 4, 2631.	5.8	20
89	Involvement of exercise-induced macrophage migration inhibitory factor in the prevention of fatty liver disease. <i>Journal of Endocrinology</i> , 2013, 218, 339-348.	1.2	17
90	Aptamer-based single-molecule imaging of insulin receptors in living cells. <i>Journal of Biomedical Optics</i> , 2013, 19, 051204.	1.4	11

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91	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.	1.1	29
92	Phosphoinositides Differentially Regulate Protrudin Localization through the FYVE Domain. <i>Journal of Biological Chemistry</i> , 2012, 287, 41268-41276.	1.6	33
93	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
94	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.	0.4	22
95	PDZ Domain-containing 1 (PDZK1) Protein Regulates Phospholipase C- $\beta$ 3 (PLC- $\beta$ 3)-specific Activation of Somatostatin by Forming a Ternary Complex with PLC- $\beta$ 3 and Somatostatin Receptors. <i>Journal of Biological Chemistry</i> , 2012, 287, 21012-21024.	1.6	27
96	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.	1.6	37
97	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
98	O $\beta$ -GlcNAcase is essential for embryonic development and maintenance of genomic stability. <i>Aging Cell</i> , 2012, 11, 439-448.	3.0	192
99	Diverse cellular and physiological roles of phospholipase C- $\beta$ 1. <i>Advances in Biological Regulation</i> , 2012, 52, 138-151.	1.4	26
100	Secretomics for skeletal muscle cells: A discovery of novel regulators?. <i>Advances in Biological Regulation</i> , 2012, 52, 340-350.	1.4	37
101	Afamin secreted from nonresorbing osteoclasts acts as a chemokine for preosteoblasts via the Akt-signaling pathway. <i>Bone</i> , 2012, 51, 431-440.	1.4	31
102	Leucyl-tRNA Synthetase Is an Intracellular Leucine Sensor for the mTORC1-Signaling Pathway. <i>Cell</i> , 2012, 149, 410-424.	13.5	672
103	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
104	Laminin peptide YIGSR induces collagen synthesis in Hs27 human dermal fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2012, 428, 416-421.	1.0	16
105	The androgenic anabolic steroid tetrahydrogestrinone produces dioxin-like effects via the aryl hydrocarbon receptor. <i>Toxicology in Vitro</i> , 2012, 26, 1129-1133.	1.1	4
106	Phospholipase signalling networks in cancer. <i>Nature Reviews Cancer</i> , 2012, 12, 782-792.	12.8	204
107	DJ-1 promotes angiogenesis and osteogenesis by activating FGF receptor-1 signaling. <i>Nature Communications</i> , 2012, 3, 1296.	5.8	52
108	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.	1.4	6

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109	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
110	Nanoscale Mapping and Affinity Constant Measurement of Signal-Transducing Proteins by Atomic Force Microscopy. <i>Analytical Chemistry</i> , 2011, 83, 1500-1503.	3.2	28
111	Subtype-specific roles of phospholipase C- $\beta$ 2 via differential interactions with PDZ domain proteins. <i>Advances in Enzyme Regulation</i> , 2011, 51, 138-151.	2.9	29
112	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
113	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
114	Theranostic systems assembled in situ on demand by host-guest chemistry. <i>Biomaterials</i> , 2011, 32, 7687-7694.	5.7	60
115	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
116	Phospholipase D2 induces stress fiber formation through mediating nucleotide exchange for RhoA. <i>Cellular Signalling</i> , 2011, 23, 1320-1326.	1.7	27
117	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.	1.0	26
118	Ochratoxin A Inhibits Adipogenesis Through the Extracellular Signal-Related Kinases- $\beta$ Peroxisome Proliferator-Activated Receptor- $\beta$ Pathway in Human Adipose Tissue-Derived Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2011, 20, 415-426.	1.1	18
119	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
120	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
121	Protein kinase C- $\beta$ negatively regulates EGF-induced PLC- $\gamma$ activity through direct phosphorylation. <i>Advances in Enzyme Regulation</i> , 2010, 50, 178-189.	2.9	1
122	Subtype-specific role of phospholipase C- $\beta$ 2 in bradykinin and LPA signaling through differential binding of different PDZ scaffold proteins. <i>Cellular Signalling</i> , 2010, 22, 1153-1161.	1.7	31
123	Targeted label-free quantitative analysis of secretory proteins from adipocytes in response to oxidative stress. <i>Analytical Biochemistry</i> , 2010, 401, 196-202.	1.1	23
124	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
125	Sequential Fe <sub>3</sub> O <sub>4</sub> /TiO <sub>2</sub> enrichment for phosphopeptide analysis by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1467-1474.	0.7	18
126	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



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127	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
128	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.	1.1	26
129	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
130	ConPlex: a server for the evolutionary conservation analysis of protein complex structures. <i>Nucleic Acids Research</i> , 2010, 38, W450-W456.	6.5	9
131	Protein Kinase C $\gamma$ -Mediated Phosphorylation of Phospholipase D Controls Integrin-Mediated Cell Spreading. <i>Molecular and Cellular Biology</i> , 2010, 30, 5086-5098.	1.1	25
132	Bioimaging of Nucleolin Aptamer-Containing 5-( <i>N</i> -benzylcarboxamide)-2-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
133	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
134	Phospholipase D1 Mediates AMP-Activated Protein Kinase Signaling for Glucose Uptake. <i>PLoS ONE</i> , 2010, 5, e9600.	1.1	28
135	Phospholipase C $\beta$ 1 is activated by intracellular Ca <sup>2+</sup> mobilization and enhances GPCRs-mediated signaling. <i>FASEB Journal</i> , 2010, 24, 1b177.	0.2	0
136	Determination of EGFR Endocytosis Kinetic by Auto-Regulatory Association of PLD1 with $\beta$ 42. <i>PLoS ONE</i> , 2009, 4, e7090.	1.1	9
137	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
138	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
139	Collapsin response mediator protein-2 regulates neurite formation by modulating tubulin GTPase activity. <i>Cellular Signalling</i> , 2009, 21, 1818-1826.	1.7	52
140	Phosphorylation of Phospholipase C $\beta$ 1 Regulates its Enzymatic Activity. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 638-650.	1.2	11
141	Evolutionary conservation in multiple faces of protein interaction. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 77, 14-25.	1.5	60
142	Comparative proteomic analysis of the insulin-induced L6 myotube secretome. <i>Proteomics</i> , 2009, 9, 51-60.	1.3	82
143	Interactions between Signal-Transducing Proteins Measured by Atomic Force Microscopy. <i>Analytical Chemistry</i> , 2009, 81, 3276-3284.	3.2	19
144	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

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145	Lysophosphatidylserine regulates blood glucose by enhancing glucose transport in myotubes and adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 783-788.	1.0	18
146	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.	1.0	17
147	Identification of novel synthetic peptide showing angiogenic activity in human endothelial cells. <i>Peptides</i> , 2009, 30, 409-418.	1.2	10
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