

Sung Ho Ryu

List of Publications by Year in descending order

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Version: 2024-02-01

330
papers

16,448
citations

17776

65
h-index

29333

108
g-index

334
all docs

334
docs citations

334
times ranked

23519
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 β -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 β /JNK axis. <i>Scientific Reports</i> , 2019, 9, 7242.	1.6	4
16	Inositol pyrophosphates and Akt/PKB: Is the pancreatic β -cell the exception to the rule?. <i>Cellular Signalling</i> , 2019, 58, 131-136.	1.7	4
17	Specific Inhibition of Soluble TLR 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 Ca v 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 β -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 β_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 α . <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. PLoS ONE, 2017, 12, e0172901.	1.1	12
38	Insulin modulates the frequency of Ca ²⁺ oscillations in mouse pancreatic islets. PLoS ONE, 2017, 12, e0183569.	1.1	4
39	Potential pancreatic lipase inhibitory activity of phenolic constituents from the root bark of Morus alba L.. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2788-2794.	1.0	44
40	Pairwise detection of site-specific receptor phosphorylations using single-molecule blotting. Nature Communications, 2016, 7, 11107.	5.8	12
41	Resveratrol induces autophagy by directly inhibiting mTOR through ATP competition. Scientific Reports, 2016, 6, 21772.	1.6	200
42	Lipids Regulate Lck Protein Activity through Their Interactions with the Lck Src Homology 2 Domain. Journal of Biological Chemistry, 2016, 291, 17639-17650.	1.6	42
43	Accumulating insights into the role of phospholipase D2 in human diseases. Advances in Biological Regulation, 2016, 61, 42-46.	1.4	36
44	SH2 Domains Serve as Lipid-Binding Modules for pTyr-Signaling Proteins. Molecular Cell, 2016, 62, 7-20.	4.5	69
45	Roles of phosphoinositide-specific phospholipase C ^β 1 in brain development. Advances in Biological Regulation, 2016, 60, 167-173.	1.4	26
46	G-protein-coupled receptor 81 promotes a malignant phenotype in breast cancer through angiogenic factor secretion. Oncotarget, 2016, 7, 70898-70911.	0.8	88
47	Molecular Mechanisms Underlying Psychological Stress and Cancer. Current Pharmaceutical Design, 2016, 22, 2389-2402.	0.9	87
48	Loss of phospholipase D2 impairs VEGF-induced angiogenesis. BMB Reports, 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. Scientific Reports, 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. Angewandte Chemie, 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. Angewandte Chemie - International Edition, 2015, 54, 7028-7032.	7.2	20
53	Mouse Sphingosine Kinase 1a Is Negatively Regulated through Conventional PKC-Dependent Phosphorylation at S373 Residue. PLoS ONE, 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. Chemical Communications, 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 β 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 α . <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- β -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- κ 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 β -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- β 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- β 3 (PLC- β 3)-specific Activation of Somatostatin by Forming a Ternary Complex with PLC- β 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 β -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- β 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- β 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- 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.	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- β 1 is activated by intracellular Ca ²⁺ mobilization and enhances GPCRs/PLC/Ca ²⁺ 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- 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.	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- α -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- β negatively regulates EGF-induced PLC- γ activity through direct phosphorylation. <i>Advances in Enzyme Regulation</i> , 2010, 50, 178-189.	2.9	1
122	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.	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 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.	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 γ -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 β 1 is activated by intracellular Ca ²⁺ mobilization and enhances GPCRs-mediated signaling. <i>FASEB Journal</i> , 2010, 24, lb177.	0.2	0
136	Determination of EGFR Endocytosis Kinetic by Auto-Regulatory Association of PLD1 with β 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 β 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
148	Sphingosine 1-phosphate induces vesicular endothelial growth factor expression in endothelial cells. <i>BMB Reports</i> , 2009, 42, 685-690.	1.1	36
149	Characterization of PEGylated Anti-VEGF aptamers using surface plasmon resonance. <i>Macromolecular Research</i> , 2008, 16, 182-184.	1.0	8
150	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
151	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
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