

Young-Ho Chung

List of Publications by Year in descending order

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papers

1,025
citations

394421

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docs citations

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times ranked

1562
citing authors

#	ARTICLE	IF	CITATIONS
1	Photomovement of the Gliding Cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Photochemistry and Photobiology</i> , 1999, 70, 95-102.	2.5	87
2	Use of phenol-induced oxidative stress acclimation to stimulate cell growth and biodiesel production by the oceanic microalga <i>Dunaliella salina</i> . <i>Algal Research</i> , 2016, 17, 61-66.	4.6	80
3	A Second Photochromic Bacteriophytochrome from <i>Synechocystis</i> sp. PCC 6803: Spectral Analysis and Down-Regulation by Light. <i>Biochemistry</i> , 2000, 39, 10840-10847.	2.5	66
4	Tumor Necrosis Factor (TNF) Receptor-associated Factor (TRAF)-interacting Protein (TRIP) Negatively Regulates the TRAF2 Ubiquitin-dependent Pathway by Suppressing the TRAF2-Sphingosine 1-Phosphate (S1P) Interaction. <i>Journal of Biological Chemistry</i> , 2015, 290, 9660-9673.	3.4	49
5	The Role of Cyanopterin in UV/Blue Light Signal Transduction of <i>Cyanobacterium Synechocystis</i> sp. PCC 6803 Phototaxis. <i>Plant and Cell Physiology</i> , 2010, 51, 969-980.	3.1	37
6	Sensing and Responding to UV-A in Cyanobacteria. <i>International Journal of Molecular Sciences</i> , 2012, 13, 16303-16332.	4.1	36
7	Proteome Analyses of Hydrogen-producing Hyperthermophilic Archaeon <i>Thermococcus onnurineus</i> NA1 in Different One-carbon Substrate Culture Conditions. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.015420.	3.8	36
8	Analysis of <i>Streptococcus pneumoniae</i> secreted antigens by immuno-proteomic approach. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 72, 318-327.	1.8	35
9	ALS2CR7 (CDK15) attenuates TRAIL induced apoptosis by inducing phosphorylation of survivin Thr34. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 129-134.	2.1	33
10	One-Dimensional Supramolecular Nanoplatfoms for Theranostics Based on Co-Assembly of Peptide Amphiphiles. <i>Biomacromolecules</i> , 2016, 17, 3234-3243.	5.4	31
11	ctr1, a gene involved in a signal transduction pathway of the gliding motility in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>FEBS Letters</i> , 2001, 492, 33-38.	2.8	30
12	Cyanobacterial phytochrome Cph2 is a negative regulator in phototaxis toward UV-A. <i>FEBS Letters</i> , 2011, 585, 335-340.	2.8	26
13	A global proteome study of <i>Mycobacterium gilvum</i> PYR-GCK grown on pyrene and glucose reveals the activation of glyoxylate, shikimate and gluconeogenetic pathways through the central carbon metabolism highway. <i>Biodegradation</i> , 2013, 24, 741-752.	3.0	26
14	Pharmacokinetics of Glutathione and Its Metabolites in Normal Subjects. <i>Journal of Korean Medical Science</i> , 2005, 20, 721.	2.5	25
15	Secretion of a Truncated Osteopetrosis-associated Transmembrane Protein 1 (OSTM1) Mutant Inhibits Osteoclastogenesis through Down-regulation of the B Lymphocyte-induced Maturation Protein 1 (BLIMP1)-Nuclear Factor of Activated T Cells c1 (NFATc1) Axis. <i>Journal of Biological Chemistry</i> , 2014, 289, 35868-35881.	3.4	24
16	Proteomic and bioinformatic analysis of membrane proteome in type 2 diabetic mouse liver. <i>Proteomics</i> , 2013, 13, 1164-1179.	2.2	23
17	Bakuchiol sensitizes cancer cells to TRAIL through ROS- and JNK-mediated upregulation of death receptors and downregulation of survival proteins. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 586-592.	2.1	23
18	Supramolecular Carbon Monoxide-Releasing Peptide Hydrogel Patch. <i>Advanced Functional Materials</i> , 2018, 28, 1803051.	14.9	23

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19	Effect of High-Dose Intravenous N-acetylcysteine on the Concentration of Plasma Sulfur-Containing Amino Acids. <i>Korean Journal of Internal Medicine</i> , 2005, 20, 217.	1.7	20
20	Alteration in the glycan pattern of pilin in a nonmotile mutant of <i>Synechocystis</i> sp. PCC 6803. <i>Proteomics</i> , 2009, 9, 1075-1086.	2.2	19
21	Proteogenomic Characterization of Monocyclic Aromatic Hydrocarbon Degradation Pathways in the Aniline-Degrading Bacterium <i>Burkholderia</i> sp. K24. <i>PLoS ONE</i> , 2016, 11, e0154233.	2.5	19
22	The role of Slr1443 in pilus biogenesis in <i>Synechocystis</i> sp. PCC 6803: involvement in post-translational modification of pilins. <i>Biochemical and Biophysical Research Communications</i> , 2004, 315, 179-186.	2.1	18
23	Roles of interferon- γ and its target genes in schizophrenia: Proteomics-based reverse genetics from mouse to human. <i>Proteomics</i> , 2012, 12, 1815-1829.	2.2	17
24	Phylogenetic analysis of microalgae based on highly abundant proteins using mass spectrometry. <i>Talanta</i> , 2015, 132, 630-634.	5.5	16
25	Mitochondrial carnitine palmitoyltransferase 2 is involved in N^{ϵ} -(carboxymethyl)-lysine-mediated diabetic nephropathy. <i>Pharmacological Research</i> , 2020, 152, 104600.	7.1	16
26	Development of a Polo-like Kinase-1 Polo-Box Domain Inhibitor as a Tumor Growth Suppressor in Mice Models. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 14905-14920.	6.4	16
27	Characterization of an Upstream Regulatory Element of the Human Apolipoprotein E Gene, and Purification of Its Binding Protein from the Human Placenta1. <i>Journal of Biochemistry</i> , 1995, 117, 915-922.	1.7	15
28	Proteome analysis of <i>Thermococcus onnurineus</i> NA1 reveals the expression of hydrogen gene cluster under carboxydrotrophic growth. <i>Journal of Proteomics</i> , 2011, 74, 1926-1933.	2.4	13
29	Sensing UV/blue. <i>Plant Signaling and Behavior</i> , 2010, 5, 1127-1130.	2.4	12
30	Enrichment and proteome analysis of a hyperthermostable protein set of archaeon <i>Thermococcus onnurineus</i> NA1. <i>Extremophiles</i> , 2011, 15, 451-461.	2.3	12
31	Cytochrome c oxidase of the cyanobacterium <i>Synechocystis</i> sp. PCC 6803 protects photosynthesis from salt stress. <i>Molecules and Cells</i> , 2003, 16, 74-7.	2.6	12
32	Cyanobacterial hybrid kinase SlI0043 regulates phototaxis by suppressing pilin and twitching motility protein. <i>Journal of Microbiology</i> , 2008, 46, 300-308.	2.8	11
33	A Dual-Functional Lactate Sensor Based on Silver Nanoparticle-coated Carbon Dots. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 767-772.	1.9	11
34	Calcium Is Involved in Photomovement of Cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Photochemistry and Photobiology</i> , 2004, 79, 114-119.	2.5	10
35	Draft Genome Sequence of <i>Sphingopyxis</i> sp. Strain MWB1, a Crude-Oil-Degrading Marine Bacterium. <i>Genome Announcements</i> , 2014, 2, .	0.8	10
36	Proteomic Insights into Sulfur Metabolism in the Hydrogen-Producing Hyperthermophilic Archaeon <i>Thermococcus onnurineus</i> NA1. <i>International Journal of Molecular Sciences</i> , 2015, 16, 9167-9195.	4.1	10

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37	Activity-Based Protein Profiling Reveals Potential Dasatinib Targets in Gastric Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9276.	4.1	9
38	A Novel Protein-Protein Interaction between RSK3 and β -catenin and a New Binding Inhibitor That Suppresses Breast Cancer Tumorigenesis. <i>Cancers</i> , 2021, 13, 2973.	3.7	9
39	Analysis of the Endoplasmic Reticulum Subproteome in the Livers of Type 2 Diabetic Mice. <i>International Journal of Molecular Sciences</i> , 2012, 13, 17230-17243.	4.1	6
40	Co-relation with novel phosphorylation sites of β -catenin and necroptosis in breast cancer cells. <i>BMC Cancer</i> , 2021, 21, 596.	2.6	6
41	NADPH dehydrogenase-mediated respiratory electron transport in thylakoid membranes of the cyanobacterium <i>Synechocystis</i> sp. PCC 6803 is inactive in the light. <i>Molecules and Cells</i> , 2003, 15, 240-4.	2.6	6
42	Pillar-Based Mechanical Induction of an Aggressive Tumorigenic Lung Cancer Cell Model. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 20-31.	8.0	5
43	Purification and Reconstitution of PYP-Phytochrome with Biliverdin and 4-Hydroxycinnamic Acid. <i>Methods in Enzymology</i> , 2007, 422, 184-189.	1.0	4
44	Characterization of Hyperthermostable Fructose-1,6-Bisphosphatase from <i>Thermococcus onnurineus</i> NA1. <i>Journal of Microbiology</i> , 2010, 48, 803-807.	2.8	4
45	Genome Sequence of <i>Arthrobacter</i> sp. MWB30, Isolated from a Crude Oil-Contaminated Seashore. <i>Genome Announcements</i> , 2015, 3, .	0.8	4
46	Phenyl 2-pyridyl ketoxime induces cellular senescence-like alterations via nitric oxide production in human diploid fibroblasts. <i>Aging Cell</i> , 2016, 15, 245-255.	6.7	4
47	Evidence for the presence of cell-surface-bound and intracellular bactericidal toxins in the dinoflagellate <i>Heterocapsa circularisquama</i> . <i>Aquatic Toxicology</i> , 2017, 189, 209-215.	4.0	4
48	Prolonged MEK inhibition leads to acquired resistance and increased invasiveness in KRAS mutant gastric cancer. <i>Biochemical and Biophysical Research Communications</i> , 2018, 507, 311-318.	2.1	4
49	A small-molecule inhibitor targeting the AURKC- β -catenin interaction decreases transformed growth of MDA-MB-231 breast cancer cells. <i>Oncotarget</i> , 2017, 8, 69691-69708.	1.8	4
50	Identification of Nucleolin as a Novel AEG-1-Interacting Protein in Breast Cancer via Interactome Profiling. <i>Cancers</i> , 2021, 13, 2842.	3.7	3
51	Calcium is involved in photomovement of cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Photochemistry and Photobiology</i> , 2004, 79, 114-9.	2.5	3
52	Characterization of thermostable deblocking aminopeptidases of archaeon <i>Thermococcus onnurineus</i> NA1 by proteomic and biochemical approaches. <i>Journal of Microbiology</i> , 2012, 50, 792-797.	2.8	2
53	Light-induced dephosphorylation of a 65-kDa protein in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Journal of Plant Physiology</i> , 2003, 160, 1259-1261.	3.5	1
54	Sll0396 regulates transcription of the phycocyanin genes in <i>Synechocystis</i> sp. PCC 6803. <i>Plant Biotechnology Reports</i> , 2010, 4, 193-199.	1.5	0

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55	Gas-Therapeutic Hydrogels: Supramolecular Carbon Monoxide-Releasing Peptide Hydrogel Patch (Adv.) Tj ETQq1 1	0.784314	14.9