

Youn Wook Chung

List of Publications by Year in descending order

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36
papers

1,404
citations

304743

22
h-index

361022

35
g-index

37
all docs

37
docs citations

37
times ranked

2900
citing authors

#	ARTICLE	IF	CITATIONS
1	Selenoprotein W is a glutathione-dependent antioxidant in vivo. <i>FEBS Letters</i> , 2002, 517, 225-228.	2.8	147
2	A Far-Red-Emitting Fluorescence Probe for Sensitive and Selective Detection of Peroxynitrite in Live Cells and Tissues. <i>Analytical Chemistry</i> , 2017, 89, 10924-10931.	6.5	117
3	Phosphodiesterase Type 3A Regulates Basal Myocardial Contractility Through Interacting With Sarcoplasmic Reticulum Calcium ATPase Type 2a Signaling Complexes in Mouse Heart. <i>Circulation Research</i> , 2013, 112, 289-297.	4.5	114
4	From PDE3B to the regulation of energy homeostasis. <i>Current Opinion in Pharmacology</i> , 2011, 11, 676-682.	3.5	111
5	Effect of progerin on the accumulation of oxidized proteins in fibroblasts from Hutchinson Gilford progeria patients. <i>Mechanisms of Ageing and Development</i> , 2010, 131, 2-8.	4.6	100
6	Targeted disruption of PDE3B, but not PDE3A, protects murine heart from ischemia/reperfusion injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2253-62.	7.1	65
7	Functional dynamics of bacterial species in the mouse gut microbiome revealed by metagenomic and metatranscriptomic analyses. <i>PLoS ONE</i> , 2020, 15, e0227886.	2.5	65
8	H2O2-induced AP-1 activation and its effect on p21WAF1/CIP1-mediated G2/M arrest in a p53-deficient human lung cancer cell. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 1248-1253.	2.1	59
9	Selenite-induced apoptosis of osteoclasts mediated by the mitochondrial pathway. <i>Toxicology Letters</i> , 2006, 160, 143-150.	0.8	52
10	Dual Function of Protein Kinase C (PKC) in 12-O-Tetradecanoylphorbol-13-acetate (TPA)-induced Manganese Superoxide Dismutase (MnSOD) Expression. <i>Journal of Biological Chemistry</i> , 2011, 286, 29681-29690.	3.4	42
11	Insulin Protects Cardiac Myocytes from Doxorubicin Toxicity by Sp1-Mediated Transactivation of Survivin. <i>PLoS ONE</i> , 2015, 10, e0135438.	2.5	40
12	Allergen-induced proteolytic cleavage of annexin-1 and activation of cytosolic phospholipase A2 in the lungs of a mouse model of asthma. <i>Proteomics</i> , 2004, 4, 3328-3334.	2.2	39
13	ADCK4 Deficiency Destabilizes the Coenzyme Q Complex, Which Is Rescued by 2,4-Dihydroxybenzoic Acid Treatment. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 1191-1211.	6.1	38
14	Antioxidative Role of Selenoprotein W in Oxidant-Induced Mouse Embryonic Neuronal Cell Death. <i>Molecules and Cells</i> , 2009, 27, 609-614.	2.6	36
15	Phosphodiesterase 3B (PDE3B) regulates NLRP3 inflammasome in adipose tissue. <i>Scientific Reports</i> , 2016, 6, 28056.	3.3	34
16	Different distributions of selenoprotein W and thioredoxin during postnatal brain development and embryogenesis. <i>Molecules and Cells</i> , 2004, 17, 156-9.	2.6	34
17	Naphthalene-based fluorescent probes for glutathione and their applications in living cells and patients with sepsis. <i>Theranostics</i> , 2018, 8, 1411-1420.	10.0	31
18	Regulation of Cytosolic Phospholipase A2 Phosphorylation by Proteolytic Cleavage of Annexin A1 in Activated Mast Cells. <i>Journal of Immunology</i> , 2012, 188, 5665-5673.	0.8	29

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19	Transcriptional Regulation of Selenoprotein W by MyoD during Early Skeletal Muscle Differentiation. <i>Journal of Biological Chemistry</i> , 2010, 285, 40496-40507.	3.4	28
20	Selenoprotein W ensures physiological bone remodeling by preventing hyperactivity of osteoclasts. <i>Nature Communications</i> , 2021, 12, 2258.	12.8	28
21	Antiobesity and Antidiabetes Effects of a <i>Cudrania tricuspidata</i> Hydrophilic Extract Presenting PTP1B Inhibitory Potential. <i>BioMed Research International</i> , 2016, 2016, 1-11.	1.9	24
22	White to beige conversion in PDE3B KO adipose tissue through activation of AMPK signaling and mitochondrial function. <i>Scientific Reports</i> , 2017, 7, 40445.	3.3	24
23	A Role for Phosphodiesterase 3B in Acquisition of Brown Fat Characteristics by White Adipose Tissue in Male Mice. <i>Endocrinology</i> , 2013, 154, 3152-3167.	2.8	21
24	Role of a TRIM72 ADP-ribosylation cycle in myocardial injury and membrane repair. <i>JCI Insight</i> , 2018, 3, .	5.0	19
25	CCCTC-binding factor controls the homeostatic maintenance and migration of Langerhans cells. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 713-724.	2.9	18
26	Apolipoprotein E-mediated regulation of selenoprotein P transportation via exosomes. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2367-2386.	5.4	17
27	Modulation of dendritic cell function by <i>Trichomonas vaginalis</i> -derived secretory products. <i>BMB Reports</i> , 2015, 48, 103-108.	2.4	15
28	17 β -hydroxyundecanoic acid induces apoptosis by ROS mediated JNK and p38 phosphorylation in breast cancer cell lines. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 998-1007.	2.6	14
29	Apolipoprotein E and Periostin Are Potential Biomarkers of Nasal Mucosal Inflammation. A Parallel Approach of <i>In Vitro</i> and <i>In Vivo</i> Secretomes. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 23-34.	2.9	12
30	Effect of CCS on the accumulation of FALS SOD1 mutant-containing aggregates and on mitochondrial translocation of SOD1 mutants: Implication of a free radical hypothesis. <i>Archives of Biochemistry and Biophysics</i> , 2011, 509, 177-185.	3.0	9
31	Proteomic analysis-based discovery of a novel biomarker that differentiates intestinal Behçet's disease from Crohn's disease. <i>Scientific Reports</i> , 2021, 11, 11019.	3.3	5
32	Quantitative Proteomic Analysis of the Expression of SARS-CoV-2 Receptors in the Gut of Patients with Chronic Enterocolitis. <i>Yonsei Medical Journal</i> , 2020, 61, 891.	2.2	5
33	CTCF Regulates Otic Neurogenesis via Histone Modification in the Locus. <i>Molecules and Cells</i> , 2018, 41, 695-702.	2.6	5
34	An experimental approach to study the function of mitochondria in cardiomyopathy. <i>BMB Reports</i> , 2015, 48, 541-548.	2.4	3
35	Selenium-induced apoptosis. , 2006, , 379-385.		2
36	Effects of heterologous expression of human cyclic nucleotide phosphodiesterase 3A (hPDE3A) on redox regulation in yeast. <i>Biochemical Journal</i> , 2016, 473, 4205-4225.	3.7	1