

Tsu-Chung Chang

List of Publications by Year in descending order

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35
papers

796
citations

361413

20
h-index

526287

27
g-index

35
all docs

35
docs citations

35
times ranked

1164
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential properties of D4/LyGDI versus RhoGDI: phosphorylation and rho GTPase selectivity. FEBS Letters, 1998, 422, 269-273.	2.8	58
2	Effect and Mechanism of Ginsenosides CK and Rg1 on Stimulation of Glucose Uptake in 3T3-L1 Adipocytes. Journal of Agricultural and Food Chemistry, 2010, 58, 6039-6047.	5.2	54
3	Dexamethasone suppresses apoptosis in a human gastric cancer cell line through modulation of bcl-x gene expression. FEBS Letters, 1997, 415, 11-15.	2.8	48
4	Expression and regulation of alkaline phosphatases in human breast cancer MCF-7 cells. FEBS Journal, 2000, 267, 1330-1339.	0.2	47
5	Alkaloids from <i>Coptis chinensis</i> root promote glucose uptake in C2C12 myotubes. <i>FASEB J</i> , 2014, 93, 239-244.	2.2	36
6	Effect of Ginsenosides on Glucose Uptake in Human Caco-2 Cells Is Mediated through Altered Na ⁺ /Glucose Cotransporter 1 Expression. Journal of Agricultural and Food Chemistry, 2007, 55, 1993-1998.	5.2	34
7	<i>Rhodiola crenulata</i> Extract Alleviates Hypoxic Pulmonary Edema in Rats. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-9.	1.2	34
8	<i>Rhodiola crenulata</i> extract suppresses hepatic gluconeogenesis via activation of the AMPK pathway. Phytomedicine, 2015, 22, 477-486.	5.3	34
9	Synthesis and Biological Evaluation of Ebselen and Its Acyclic Derivatives. Chemical and Pharmaceutical Bulletin, 2003, 51, 1413-1416.	1.3	30
10	An Essential Role of cAMP Response Element Binding Protein in Ginsenoside Rg1-Mediated Inhibition of Na ⁺ /Glucose Cotransporter 1 Gene Expression. Molecular Pharmacology, 2015, 88, 1072-1083.	2.3	26
11	<i>Rhodiola crenulata</i> extract regulates hepatic glycogen and lipid metabolism via activation of the AMPK pathway. BMC Complementary and Alternative Medicine, 2016, 16, 127.	3.7	24
12	Sesquiterpenes from Baizhu Stimulate Glucose Uptake by Activating AMPK and PI3K. The American Journal of Chinese Medicine, 2016, 44, 963-979.	3.8	24
13	Astragaloside II promotes intestinal epithelial repair by enhancing L-arginine uptake and activating the mTOR pathway. Scientific Reports, 2017, 7, 12302.	3.3	24
14	<i>Rhodiola crenulata</i> extract counteracts the effect of hypobaric hypoxia in rat heart via redirection of the nitric oxide and arginase 1 pathway. BMC Complementary and Alternative Medicine, 2017, 17, 29.	3.7	23
15	<i>Melaleuca alternifolia</i> Induces Heme Oxygenase-1 Expression in Murine RAW264.7 Cells through Activation of the Nrf2-ARE Pathway. The American Journal of Chinese Medicine, 2017, 45, 1631-1648.	3.8	23
16	Antrolone, a Novel Benzoid Derived from <i>Antrodia cinnamomea</i> , Inhibits the LPS-Induced Inflammatory Response in RAW264.7 Macrophage Cells by Balancing the NF- κ B and Nrf2 Pathways. The American Journal of Chinese Medicine, 2018, 46, 1297-1313.	3.8	23
17	Astragaloside VI and cycloastragenol-6-O- β -D-glucoside promote wound healing in vitro and in vivo. Phytomedicine, 2018, 38, 183-191.	5.3	22
18	Protein oxidation and turnover. Journal of Biomedical Science, 2000, 7, 357-363.	7.0	21

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19	Rhodiola crenulata and Its Bioactive Components, Salidroside and Tyrosol, Reverse the Hypoxia-Induced Reduction of Plasma-Membrane-Associated Na,K-ATPase Expression via Inhibition of ROS-AMPK-PKC β Pathway. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-15.	1.2	21
20	Protective Effects of Rhodiola Crenulata Extract on Hypoxia-Induced Endothelial Damage via Regulation of AMPK and ERK Pathways. International Journal of Molecular Sciences, 2018, 19, 2286.	4.1	21
21	Human placental alkaline phosphatase. An improved purification procedure and kinetic studies. FEBS Journal, 1992, 209, 241-247.	0.2	20
22	Hypoglycemic Constituents Isolated from <i>Trapa natans</i> L. Pericarps. Journal of Agricultural and Food Chemistry, 2016, 64, 3794-3803.	5.2	20
23	Immunomodulatory activity of Melaleuca alternifolia concentrate (MAC): Inhibition of LPS-induced NF- κ B activation and cytokine production in myeloid cell lines. International Immunopharmacology, 2015, 26, 257-264.	3.8	19
24	Solvent kinetic isotope effects of human placental alkaline phosphatase in reverse micelles. Biochemical Journal, 1998, 330, 267-275.	3.7	17
25	<i>Rhodiola crenulata</i> Attenuates β -Ray Induced Cellular Injury via Modulation of Oxidative Stress in Human Skin Cells. The American Journal of Chinese Medicine, 2018, 46, 175-190.	3.8	17
26	4-Acetylanthroquinone B ameliorates nonalcoholic steatohepatitis by suppression of ER stress and NLRP3 inflammasome activation. Biomedicine and Pharmacotherapy, 2021, 138, 111504.	5.6	17
27	Anticamphor M Inhibits TLR4-Mediated Inflammatory Responses by Upregulating the Nrf2/HO-1 Pathway and Suppressing the NLRP3 Inflammasome Pathway in Macrophages. The American Journal of Chinese Medicine, 2019, 47, 1611-1626.	3.8	14
28	<i>Rhodiola crenulata</i> Attenuates High Glucose Induced Endothelial Dysfunction in Human Umbilical Vein Endothelial Cells. The American Journal of Chinese Medicine, 2017, 45, 1201-1216.	3.8	13
29	An essential role of cAMP response element-binding protein in epidermal growth factor-mediated induction of sodium/glucose cotransporter 1 gene expression and intestinal glucose uptake. International Journal of Biochemistry and Cell Biology, 2015, 64, 239-251.	2.8	9
30	Immobilization of the tetrameric and monomeric forms of pigeon liver malic enzyme on Sepharose beads. FEBS Journal, 1993, 213, 1159-1165.	0.2	8
31	Functional expression, purification, and characterization of the extra stable human placental alkaline phosphatase in the <i>Pichia pastoris</i> system. Protein Expression and Purification, 2004, 36, 90-99.	1.3	7
32	RARRES3 regulates signal transduction through post-translational protein modifications. Molecular and Cellular Oncology, 2015, 2, e999512.	0.7	6
33	Synthesis and ABTS Radical, MMP-1 Inhibitory Activity of CAPE Analogues. Journal of the Chinese Chemical Society, 2008, 55, 698-703.	1.4	1
34	Protein Oxidation and Turnover. Journal of Biomedical Science, 2000, 7, 357-363.	7.0	1
35	Antiproliferation, cell cycle arrest, and apoptotic effects of caffeic acid phenethyl ester. FASEB Journal, 2007, 21, A290.	0.5	0