

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	4-Acetylanthroquinonol B ameliorates nonalcoholic steatohepatitis by suppression of ER stress and NLRP3 inflammasome activation. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111504.	5.6	17
2	Antcamphin M Inhibits TLR4-Mediated Inflammatory Responses by Upregulating the Nrf2/HO-1 Pathway and Suppressing the NLRP3 Inflammasome Pathway in Macrophages. <i>The American Journal of Chinese Medicine</i> , 2019, 47, 1611-1626.	3.8	14
3	Astragaloside VI and cycloastragenol-6- O -beta-D-glucoside promote wound healing in vitro and in vivo. <i>Phytomedicine</i> , 2018, 38, 183-191.	5.3	22
4	<i>Rhodiola crenulata</i> Attenuates \hat{I}^3 -Ray Induced Cellular Injury via Modulation of Oxidative Stress in Human Skin Cells. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 175-190.	3.8	17
5	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- \hat{I} B and Nrf2 Pathways. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 1297-1313.	3.8	23
6	Protective Effects of <i>Rhodiola crenulata</i> Extract on Hypoxia-Induced Endothelial Damage via Regulation of AMPK and ERK Pathways. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2286.	4.1	21
7	<i>Rhodiola crenulata</i> extract counteracts the effect of hypobaric hypoxia in rat heart via redirection of the nitric oxide and arginase 1 pathway. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 29.	3.7	23
8	Astragaloside II promotes intestinal epithelial repair by enhancing L-arginine uptake and activating the mTOR pathway. <i>Scientific Reports</i> , 2017, 7, 12302.	3.3	24
9	<i>Rhodiola crenulata</i> Attenuates High Glucose Induced Endothelial Dysfunction in Human Umbilical Vein Endothelial Cells. <i>The American Journal of Chinese Medicine</i> , 2017, 45, 1201-1216.	3.8	13
10	<i>Melaleuca alternifolia</i> Induces Heme Oxygenase-1 Expression in Murine RAW264.7 Cells through Activation of the Nrf2-ARE Pathway. <i>The American Journal of Chinese Medicine</i> , 2017, 45, 1631-1648.	3.8	23
11	<i>Rhodiola crenulata</i> extract regulates hepatic glycogen and lipid metabolism via activation of the AMPK pathway. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 127.	3.7	24
12	Hypoglycemic Constituents Isolated from <i>Trapa natans</i> L. Pericarps. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 3794-3803.	5.2	20
13	Sesquiterpenes from Baizhu Stimulate Glucose Uptake by Activating AMPK and PI3K. <i>The American Journal of Chinese Medicine</i> , 2016, 44, 963-979.	3.8	24
14	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. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 64, 239-251.	2.8	9
15	RARRES3 regulates signal transduction through post-translational protein modifications. <i>Molecular and Cellular Oncology</i> , 2015, 2, e999512.	0.7	6
16	An Essential Role of cAMP Response Element Binding Protein in Ginsenoside Rg1-Mediated Inhibition of Na ⁺ /Glucose Cotransporter 1 Gene Expression. <i>Molecular Pharmacology</i> , 2015, 88, 1072-1083.	2.3	26
17	Immunomodulatory activity of <i>Melaleuca alternifolia</i> concentrate (MAC): Inhibition of LPS-induced NF- \hat{I} B activation and cytokine production in myeloid cell lines. <i>International Immunopharmacology</i> , 2015, 26, 257-264.	3.8	19
18	<i>Rhodiola crenulata</i> extract suppresses hepatic gluconeogenesis via activation of the AMPK pathway. <i>Phytomedicine</i> , 2015, 22, 477-486.	5.3	34

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19	Alkaloids from <i>Coptis chinensis</i> root promote glucose uptake in C2C12 myotubes. <i>FÄ-toterapÄ-t</i> , 2014, 93, 239-244.	2.2	36
20	<i>Rhodiola crenulata</i> 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 $\frac{3}{4}$ Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-15.	1.2	21
21	<i>Rhodiola crenulata</i> Extract Alleviates Hypoxic Pulmonary Edema in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-9.	1.2	34
22	Effect and Mechanism of Ginsenosides CK and Rg1 on Stimulation of Glucose Uptake in 3T3-L1 Adipocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 6039-6047.	5.2	54
23	Synthesis and ABTS Radical, MMP Ä Inhibitory Activity of CAPE Analogues. <i>Journal of the Chinese Chemical Society</i> , 2008, 55, 698-703.	1.4	1
24	Effect of Ginsenosides on Glucose Uptake in Human Caco-2 Cells Is Mediated through Altered Na ⁺ /Glucose Cotransporter 1 Expression. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 1993-1998.	5.2	34
25	Antiproliferation, cell cycle arrest, and apoptotic effects of caffeic acid phenethyl ester. <i>FASEB Journal</i> , 2007, 21, A290.	0.5	0
26	Functional expression, purification, and characterization of the extra stable human placental alkaline phosphatase in the <i>Pichia pastoris</i> system. <i>Protein Expression and Purification</i> , 2004, 36, 90-99.	1.3	7
27	Synthesis and Biological Evaluation of Ebselen and Its Acyclic Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2003, 51, 1413-1416.	1.3	30
28	Expression and regulation of alkaline phosphatases in human breast cancer MCF-7 cells. <i>FEBS Journal</i> , 2000, 267, 1330-1339.	0.2	47
29	Protein oxidation and turnover. <i>Journal of Biomedical Science</i> , 2000, 7, 357-363.	7.0	21
30	Protein Oxidation and Turnover. <i>Journal of Biomedical Science</i> , 2000, 7, 357-363.	7.0	1
31	Differential properties of D4/LyGDI versus RhoGDI: phosphorylation and rho GTPase selectivity. <i>FEBS Letters</i> , 1998, 422, 269-273.	2.8	58
32	Solvent kinetic isotope effects of human placental alkaline phosphatase in reverse micelles. <i>Biochemical Journal</i> , 1998, 330, 267-275.	3.7	17
33	Dexamethasone suppresses apoptosis in a human gastric cancer cell line through modulation of bcl-x gene expression. <i>FEBS Letters</i> , 1997, 415, 11-15.	2.8	48
34	Immobilization of the tetrameric and monomeric forms of pigeon liver malic enzyme on Sepharose beads. <i>FEBS Journal</i> , 1993, 213, 1159-1165.	0.2	8
35	Human placental alkaline phosphatase. An improved purification procedure and kinetic studies. <i>FEBS Journal</i> , 1992, 209, 241-247.	0.2	20