

Xinzhou Yang

List of Publications by Year in descending order

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55
papers

1,159
citations

331670

21
h-index

454955

30
g-index

56
all docs

56
docs citations

56
times ranked

1428
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-diabetic activity of stigmasterol from soybean oil by targeting the GLUT4 glucose transporter. <i>Food and Nutrition Research</i> , 2017, 61, 1364117.	2.6	81
2	Carboxymethyl chitosan microspheres loaded hyaluronic acid/gelatin hydrogels for controlled drug delivery and the treatment of inflammatory bowel disease. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 1598-1612.	7.5	63
3	Antidiabetic Activity of Ergosterol from <i>Pleurotus Ostreatus</i> in KK- ^y Mice with Spontaneous Type 2 Diabetes Mellitus. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700444.	3.3	57
4	Antidiabetic effects of flavonoids from <i>Sophora flavescens</i> EtOAc extract in type 2 diabetic KK- ^y mice. <i>Journal of Ethnopharmacology</i> , 2015, 171, 161-170.	4.1	48
5	Isoliensinine, a Bioactive Alkaloid Derived from Embryos of <i>Nelumbo nucifera</i> , Induces Hepatocellular Carcinoma Cell Apoptosis through Suppression of NF- κ B Signaling. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8793-8803.	5.2	43
6	Antidiabetic Activity of a Flavonoid-Rich Extract From <i>Sophora davidii</i> (Franch.) Skeels in KK- ^y Mice via Activation of AMP-Activated Protein Kinase. <i>Frontiers in Pharmacology</i> , 2018, 9, 760.	3.5	41
7	Anti-diabetic activity of a polyphenol-rich extract from <i>Phellinus igniarius</i> in KK- ^y mice with spontaneous type 2 diabetes mellitus. <i>Food and Function</i> , 2018, 9, 614-623.	4.6	39
8	Antimicrobial Constituents from the Tubers of <i>Bletilla ochracea</i> . <i>Planta Medica</i> , 2012, 78, 606-610.	1.3	37
9	Î±-Humulene inhibits hepatocellular carcinoma cell proliferation and induces apoptosis through the inhibition of Akt signaling. <i>Food and Chemical Toxicology</i> , 2019, 134, 110830.	3.6	37
10	Chemical constituents from <i>Eucalyptus citriodora</i> Hook leaves and their glucose transporter 4 translocation activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3096-3099.	2.2	35
11	Hypoglycemic Activity and the Potential Mechanism of the Flavonoid Rich Extract from <i>Sophora tonkinensis</i> Gagnep. in KK- ^y Mice. <i>Frontiers in Pharmacology</i> , 2016, 7, 288.	3.5	35
12	Acridone alkaloids with cytotoxic and antimalarial activities from <i>Zanthoxylum simullans</i> Hance. <i>Pharmacognosy Magazine</i> , 2014, 10, 73.	0.6	33
13	Inhibitory Effect of Kurarinone on Growth of Human Non-small Cell Lung Cancer: An Experimental Study Both in Vitro and in Vivo Studies. <i>Frontiers in Pharmacology</i> , 2018, 9, 252.	3.5	33
14	Essential Oil Derived From <i>Eupatorium adenophorum</i> Spreng. Mediates Anticancer Effect by Inhibiting STAT3 and AKT Activation to Induce Apoptosis in Hepatocellular Carcinoma. <i>Frontiers in Pharmacology</i> , 2018, 9, 483.	3.5	32
15	Natural material-decorated mesoporous silica nanoparticle container for multifunctional membrane-controlled targeted drug delivery. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 8411-8426.	6.7	31
16	Chloroquine Increases Glucose Uptake via Enhancing GLUT4 Translocation and Fusion with the Plasma Membrane in L6 Cells. <i>Cellular Physiology and Biochemistry</i> , 2016, 38, 2030-2040.	1.6	26
17	Neferine Promotes GLUT4 Expression and Fusion With the Plasma Membrane to Induce Glucose Uptake in L6 Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 999.	3.5	26
18	Antidiabetic activity of perylenequinonoid-rich extract from <i>Shiraha bambusicola</i> in KK- ^y mice with spontaneous type 2 diabetes mellitus. <i>Journal of Ethnopharmacology</i> , 2016, 191, 71-81.	4.1	25

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19	Kurarinol induces hepatocellular carcinoma cell apoptosis through suppressing cellular signal transducer and activator of transcription 3 signaling. <i>Toxicology and Applied Pharmacology</i> , 2014, 281, 157-165.	2.8	24
20	Protective effects of protostemonine on LPS/GalN-induced acute liver failure: Roles of increased hepatic expression of heme oxygenase-1. <i>International Immunopharmacology</i> , 2015, 29, 798-807.	3.8	24
21	Dehydrocostus lactone inhibits cell proliferation and induces apoptosis by PI3K/Akt/Bad and ERS signalling pathway in human laryngeal carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 6028-6042.	3.6	23
22	Activity of Isolinsinone in Improving the Symptoms of Type 2 Diabetic Mice via Activation of AMP-Activated Kinase and Regulation of PPAR δ . <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7168-7178.	5.2	21
23	Chemical constituents from <i>Sophora tonkinensis</i> and their glucose transporter 4 translocation activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1463-1466.	2.2	20
24	Anti-diabetic effects of a phenolic-rich extract from <i>Hypericum attenuatum</i> Choisy in KK-Ay mice mediated through AMPK/PI3K/Akt/GSK3 β signaling and GLUT4, PPAR δ , and PPAR α expression. <i>Journal of Functional Foods</i> , 2019, 61, 103506.	3.4	19
25	Antidiabetic Effect of Methanolic Extract from <i>Berberis julianae</i> Schneid. via Activation of AMP-Activated Protein Kinase in Type 2 Diabetic Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-12.	1.2	18
26	A Novel Flavonoid Kushenol Z from <i>Sophora flavescens</i> Mediates mTOR Pathway by Inhibiting Phosphodiesterase and Akt Activity to Induce Apoptosis in Non-Small-Cell Lung Cancer Cells. <i>Molecules</i> , 2019, 24, 4425.	3.8	18
27	New flavonoids from the roots of <i>Sophora davidii</i> (Franch.) Skeels and their glucose transporter 4 translocation activities. <i>Bioorganic Chemistry</i> , 2021, 106, 104500.	4.1	16
28	Ethanol Extract of <i>Folium Sennae</i> Mediates the Glucose Uptake of L6 Cells by GLUT4 and Ca $^{2+}$. <i>Molecules</i> , 2018, 23, 2934.	3.8	14
29	Antidiabetic effect of a flavonoid-rich extract from <i>Sophora alopecuroides</i> L. in HFD- and STZ- induced diabetic mice through PKC/GLUT4 pathway and regulating PPAR α and PPAR δ expression. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113654.	4.1	14
30	Antidiabetic activity of a Flavonoid-Rich extract from flowers of <i>Wisteria sinensis</i> in type 2 diabetic mice via activation of the IRS-1/PI3K/Akt/GLUT4 pathway. <i>Journal of Functional Foods</i> , 2021, 77, 104338.	3.4	13
31	Sodium-glucose-linked transporter 2 inhibitors from <i>Sophora flavescens</i> . <i>Medicinal Chemistry Research</i> , 2015, 24, 1265-1271.	2.4	12
32	Meeting the Challenge: Using Cytological Profiling to Discover Chemical Probes from Traditional Chinese Medicines against Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1628-1634.	3.5	12
33	In vitro and in vivo antitumor effects of the diterpene-enriched extract from <i>Taxodium ascendens</i> through the mitochondrial-dependent apoptosis pathway. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 1199-1208.	5.6	12
34	Aspernolide A Inhibits the Proliferation of Human Laryngeal Carcinoma Cells through the Mitochondrial Apoptotic and STAT3 Signaling Pathways. <i>Molecules</i> , 2019, 24, 1074.	3.8	12
35	A biflavonoid-rich extract from <i>Selaginella moellendorffii</i> Hieron. induces apoptosis via STAT3 and Akt/NF κ B signalling pathways in laryngeal carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 11922-11935.	3.6	12
36	Anti-esophageal Cancer Effect of Corilagin Extracted from <i>Phyllanthi Fructus</i> via the Mitochondrial and Endoplasmic Reticulum Stress Pathways. <i>Journal of Ethnopharmacology</i> , 2021, 269, 113700.	4.1	12

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37	Dandelion Chloroform Extract Promotes Glucose Uptake via the AMPK/GLUT4 Pathway in L6 Cells. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-10.	1.2	11
38	Chemical composition and antimicrobial activity of <i>Congea tomentosa</i> , an ethnomedicinal plant from Bangladesh. Industrial Crops and Products, 2019, 141, 111745.	5.2	11
39	Anti-diabetic activity of canophyllol from <i>Cratoxylum cochinchinense</i> (Lour.) Blume in type 2 diabetic mice by activation of AMP-activated kinase and regulation of PPAR α . Food and Function, 2019, 10, 964-977.	4.6	11
40	Triterpene Saponins from <i>Entada phaseoloides</i> . Helvetica Chimica Acta, 2013, 96, 1579-1589.	1.6	10
41	Cytotoxic phenolic glycosides from <i>Boschniakia himalaica</i> . Chemistry of Natural Compounds, 2012, 48, 555-558.	0.8	9
42	Cytotoxic compounds from <i>Laminaria japonica</i> . Chemistry of Natural Compounds, 2013, 49, 699-701.	0.8	9
43	Antimicrobial Stilbenoids from <i>Bletilla yunnanensis</i> . Chemistry of Natural Compounds, 2016, 52, 19-22.	0.8	9
44	Liquid chromatography with mass spectrometry and NMR spectroscopy based discovery of cytotoxic principles from <i>Daphne tangutica</i> Maxim. Journal of Separation Science, 2016, 39, 2179-2187.	2.5	8
45	Germacrone Inhibits Cell Proliferation and Induces Apoptosis in Human Esophageal Squamous Cell Carcinoma Cells. BioMed Research International, 2020, 2020, 1-13.	1.9	8
46	Identification of C21 Steroidal Glycosides from <i>Gymnema sylvestre</i> (Retz.) and Evaluation of Their Glucose Uptake Activities. Molecules, 2021, 26, 6549.	3.8	8
47	Aloperine Relieves Type 2 Diabetes Mellitus via Enhancing GLUT4 Expression and Translocation. Frontiers in Pharmacology, 2020, 11, 561956.	3.5	7
48	Chrysanthemum ethanol extract induced loss of Kupffer cells via the mitochondria-dependent apoptotic pathway. Food and Function, 2020, 11, 8866-8877.	4.6	6
49	Chemical Constituents from Roots of <i>Sophora davidii</i> (Franch.) Skeels and Their Glucose Transporter 4 Translocation Activities. Molecules, 2021, 26, 756.	3.8	6
50	Antidiabetic effects of a lipophilic extract obtained from flowers of <i>Wisteria sinensis</i> by activating Akt/GLUT4 and Akt/GSK3 β . Food and Nutrition Research, 2020, 64, .	2.6	6
51	Davidone C Induces the Death of Hepatocellular Carcinoma Cells by Promoting Apoptosis and Autophagy. Molecules, 2021, 26, 5219.	3.8	5
52	A composition of bractatin and neobractatin from the fruits of <i>Garcinia bracteata</i> induces apoptosis in throat cancer through the endoplasmic reticulum stress, mitochondrial apoptotic and Akt pathways. Journal of Functional Foods, 2021, 84, 104585.	3.4	5
53	New Polyprenylated Acylphloroglucinol Derivatives and Xanthenes From <i>Hypericum wilsonii</i> . Frontiers in Chemistry, 2021, 9, 717904.	3.6	5
54	Corilagin induces laryngeal cancer antiproliferation and inhibits growth factor and cytokine signaling pathways in vitro and in vivo. Journal of Functional Foods, 2020, 69, 103947.	3.4	4

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55	Data of cytotoxicity, p53 and Akt downstream proteins and physiological indexes in hepatocellular carcinoma cells or HepG2-bearing nude mouse model administered by \pm -Humulene. Data in Brief, 2020, 29, 105325.	1.0	2