

Qi Liu

List of Publications by Year in descending order

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59
papers

1,427
citations

331670

21
h-index

361022

35
g-index

61
all docs

61
docs citations

61
times ranked

2133
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalpol ameliorates hepatic insulin resistance in type 2 diabetes through acting on AMPK/NOX4/PI3K/AKT pathway. <i>Pharmacological Research</i> , 2018, 130, 466-480.	7.1	146
2	Extraction, purification, structural characteristics and biological properties of the polysaccharides from <i>Codonopsis pilosula</i> : A review. <i>Carbohydrate Polymers</i> , 2021, 261, 117863.	10.2	94
3	Alisol B 23-acetate protects against ANIT-induced hepatotoxicity and cholestasis, due to FXR-mediated regulation of transporters and enzymes involved in bile acid homeostasis. <i>Toxicology and Applied Pharmacology</i> , 2015, 283, 178-186.	2.8	66
4	Catalpol Inhibits Homocysteine-induced Oxidation and Inflammation via Inhibiting Nox4/NF- κ B and GRP78/PERK Pathways in Human Aorta Endothelial Cells. <i>Inflammation</i> , 2019, 42, 64-80.	3.8	66
5	Cell-penetrating peptide conjugates to enhance the antitumor effect of paclitaxel on drug-resistant lung cancer. <i>Drug Delivery</i> , 2017, 24, 752-764.	5.7	62
6	Luteolin attenuates glucocorticoid-induced osteoporosis by regulating ERK1/2 signaling pathway in vivo and in vitro. <i>Journal of Cellular Physiology</i> , 2019, 234, 4472-4490.	4.1	57
7	Evaluation of PFOS-mediated neurotoxicity in rat primary neurons and astrocytes cultured separately or in co-culture. <i>Toxicology in Vitro</i> , 2017, 38, 77-90.	2.4	48
8	P-gp, MRP2 and OAT1/OAT3 mediate the drug-drug interaction between resveratrol and methotrexate. <i>Toxicology and Applied Pharmacology</i> , 2016, 306, 27-35.	2.8	47
9	Calycosin attenuates triglyceride accumulation and hepatic fibrosis in murine model of non-alcoholic steatohepatitis via activating farnesoid X receptor. <i>Phytomedicine</i> , 2017, 25, 83-92.	5.3	46
10	Activating the PGC-1 α /TERT Pathway by Catalpol Ameliorates Atherosclerosis via Modulating ROS Production, DNA Damage, and Telomere Function: Implications on Mitochondria and Telomere Link. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-16.	4.0	45
11	CoenzymeQ10-Induced Activation of AMPK-YAP-OPA1 Pathway Alleviates Atherosclerosis by Improving Mitochondrial Function, Inhibiting Oxidative Stress and Promoting Energy Metabolism. <i>Frontiers in Pharmacology</i> , 2020, 11, 1034.	3.5	41
12	Protective Effects of Alisol B 23-Acetate Via Farnesoid X Receptor-Mediated Regulation of Transporters and Enzymes in Estrogen-Induced Cholestatic Liver Injury in Mice. <i>Pharmaceutical Research</i> , 2015, 32, 3688-3698.	3.5	37
13	Alpha-Lipoic Acid Promotes Osteoblastic Formation in H ₂ O ₂ -treated MC3T3 Cells and Prevents Bone Loss in Ovariectomized Rats. <i>Journal of Cellular Physiology</i> , 2015, 230, 2184-2201.	4.1	36
14	Targeting P-glycoprotein expression and cancer cell energy metabolism: combination of metformin and 2-deoxyglucose reverses the multidrug resistance of K562/Dox cells to doxorubicin. <i>Tumor Biology</i> , 2016, 37, 8587-8597.	1.8	35
15	Alisol B 23-acetate promotes liver regeneration in mice after partial hepatectomy via activating farnesoid X receptor. <i>Biochemical Pharmacology</i> , 2014, 92, 289-298.	4.4	34
16	Dioscin protects against ANIT-induced cholestasis via regulating Oatps, Mrp2 and Bsep expression in rats. <i>Toxicology and Applied Pharmacology</i> , 2016, 305, 127-135.	2.8	34
17	Dioscin strengthens the efficiency of adriamycin in MCF-7 and MCF-7/ADR cells through autophagy induction: More than just down-regulation of MDR1. <i>Scientific Reports</i> , 2016, 6, 28403.	3.3	28
18	Targeting of miR-96-5p by catalpol ameliorates oxidative stress and hepatic steatosis in LDLr ^{-/-} mice via p66shc/cytochrome C cascade. <i>Aging</i> , 2020, 12, 2049-2069.	3.1	28

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19	MDR1 and OAT1/OAT3 Mediate the Drug-Drug Interaction between Puerarin and Methotrexate. <i>Pharmaceutical Research</i> , 2014, 31, 1120-1132.	3.5	27
20	Alpha-lipoic acid defends homocysteine-induced endoplasmic reticulum and oxidative stress in HAECs. <i>Biomedicine and Pharmacotherapy</i> , 2016, 80, 63-72.	5.6	27
21	The osteogenesis-promoting effects of alpha-lipoic acid against glucocorticoid-induced osteoporosis through the NOX4, NF-kappaB, JNK and PI3K/AKT pathways. <i>Scientific Reports</i> , 2017, 7, 3331.	3.3	23
22	Puerarin prevents progression of experimental hypoxia-induced pulmonary hypertension via inhibition of autophagy. <i>Journal of Pharmacological Sciences</i> , 2019, 141, 97-105.	2.5	23
23	CRISPR/Cas9-based efficient genome editing in <i>Staphylococcus aureus</i> . <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 764-770.	2.0	22
24	Exosomes as New Biomarkers and Drug Delivery Tools for the Prevention and Treatment of Various Diseases: Current Perspectives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7763.	4.1	22
25	PEPT1- and OAT1/3-mediated drug-drug interactions between bestatin and cefixime in vivo and in vitro in rats, and in vitro in human. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 63, 77-86.	4.0	21
26	Enhancement effect of resveratrol on the intestinal absorption of bestatin by regulating PEPT1, MDR1 and MRP2 in vivo and in vitro. <i>International Journal of Pharmaceutics</i> , 2015, 495, 588-598.	5.2	21
27	The protective effects of Zhen-Wu-Tang against cisplatin-induced acute kidney injury in rats. <i>PLoS ONE</i> , 2017, 12, e0179137.	2.5	21
28	OATP and MRP2-mediated hepatic uptake and biliary excretion of eprosartan in rat and human. <i>Pharmacological Reports</i> , 2014, 66, 311-319.	3.3	20
29	Sinapine as an active compound for inhibiting the proliferation of Caco-2 cells via downregulation of P-glycoprotein. <i>Food and Chemical Toxicology</i> , 2014, 67, 187-192.	3.6	17
30	P-gp is involved in the intestinal absorption and biliary excretion of afatinib in vitro and in rats. <i>Pharmacological Reports</i> , 2018, 70, 243-250.	3.3	17
31	Dioscin enhances methotrexate absorption by down-regulating MDR1 in vitro and in vivo. <i>Toxicology and Applied Pharmacology</i> , 2014, 277, 146-154.	2.8	14
32	Methotrexate-bestatin interaction: Involvement of P-glycoprotein and organic anion transporters in rats. <i>International Journal of Pharmaceutics</i> , 2014, 465, 368-377.	5.2	14
33	Resveratrol improves prostate fibrosis during progression of urinary dysfunction in chronic prostatitis. <i>Environmental Toxicology and Pharmacology</i> , 2017, 54, 120-124.	4.0	14
34	Puerarin improves methotrexate-induced renal damage by up-regulating renal expression of Oat1 and Oat3 in vivo and in vitro. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 915-922.	5.6	14
35	Bezafibrate-mizoribine interaction: Involvement of organic anion transporters OAT1 and OAT3 in rats. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 81, 119-128.	4.0	13
36	Role of Taurine in BDE 209-Induced Oxidative Stress in PC12 Cells. <i>Advances in Experimental Medicine and Biology</i> , 2017, 975 Pt 2, 897-906.	1.6	13

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37	The oligopeptide transporter 2-mediated reabsorption of entecavir in rat kidney. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 52, 41-47.	4.0	11
38	Resveratrol Improved the Progression of Chronic Prostatitis via the Downregulation of c-kit/SCF by Activating Sirt1. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 5668-5673.	5.2	11
39	Puerarin sensitized K562/ADR cells by inhibiting NF- κ B pathway and inducing autophagy. <i>Phytotherapy Research</i> , 2021, 35, 1658-1668.	5.8	11
40	Decreased liver distribution of entecavir is related to down-regulation of Oat2/Oct1 and up-regulation of Mrp1/2/3/5 in rat liver fibrosis. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 71, 73-79.	4.0	10
41	Protection of Taurine Against PFOS-Induced Neurotoxicity in PC12 Cells. <i>Advances in Experimental Medicine and Biology</i> , 2017, 975 Pt 2, 907-916.	1.6	10
42	Resveratrol improves prostate fibrosis during progression of urinary dysfunction in chronic prostatitis by mast cell suppression. <i>Molecular Medicine Reports</i> , 2018, 17, 918-924.	2.4	9
43	Phosphocreatine Promotes Osteoblastic Activities in H2O2-Induced MC3T3-E1 Cells by Regulating SIRT1/FOXO1/PGC-1 α Signaling Pathway. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 609-621.	1.6	9
44	Combination of Luteolin and Solifenacin Improves Urinary Dysfunction Induced by Diabetic Cystopathy in Rats. <i>Medical Science Monitor</i> , 2018, 24, 1441-1448.	1.1	9
45	Resveratrol improved detrusor fibrosis induced by mast cells during progression of chronic prostatitis in rats. <i>European Journal of Pharmacology</i> , 2017, 815, 495-500.	3.5	8
46	Resveratrol improves smooth muscle carcinogenesis in the progression of chronic prostatitis via the downregulation of c-kit/SCF by activating Sirt1. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 161-166.	5.6	7
47	Effect of pulegone on the NLPR3 inflammasome during inflammatory activation of THP-1 cells. <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 1304-1312.	1.8	7
48	Catalpol attenuates oxidative stress and promotes autophagy in TNF- α -exposed HAECs by up-regulating AMPK. <i>RSC Advances</i> , 2017, 7, 52561-52572.	3.6	5
49	Elevated visceral fat area is associated with adverse postoperative outcome of radical colectomy for colon adenocarcinoma patients. <i>ANZ Journal of Surgery</i> , 2019, 89, E368-E372.	0.7	5
50	Catalpol prevents alteration of cholesterol homeostasis in non-alcoholic fatty liver disease via attenuating endoplasmic reticulum stress and NOX4 over-expression. <i>RSC Advances</i> , 2017, 7, 1161-1176.	3.6	4
51	The Effects and Possible Mechanisms of Puerarin to Treat Uterine Fibrosis Induced by Ischemia-Reperfusion Injury in Rats. <i>Medical Science Monitor</i> , 2017, 23, 3404-3411.	1.1	4
52	Resveratrol Improves Cell Cycle Arrest in Chronic Prostatitis Rats, by C-kit/SCF Suppression. <i>DNA and Cell Biology</i> , 2017, 36, 709-714.	1.9	3
53	RAPID AND SENSITIVE DETERMINATION OF JBP485 BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY AND ITS APPLICATION IN PHARMACOKINETICS IN RAT. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011, 34, 350-359.	1.0	2
54	Rapid and Selective LC-MS/MS Method for the Determination of cyclo-trans-4-l-Hydroxyprolyl-l-serine (JBP485) in Rat Plasma. <i>Chromatographia</i> , 2011, 73, 481-486.	1.3	2

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55	A stronger reversal effect of the combination of dasatinib and menadione on P-gp-mediated multidrug resistance in human leukemia K562/Adr cell line. RSC Advances, 2017, 7, 17227-17235.	3.6	2
56	A novel assay for measuring recombinant human lysophosphatidylcholine acyltransferase 3 activity. FEBS Open Bio, 2019, 9, 1734-1743.	2.3	2
57	Identification of genes associated with the biosynthesis of protostane triterpenes based on the transcriptome analysis of <i>Alisma orientale</i> (Sam.) Juz.. Journal of Plant Biochemistry and Biotechnology, 2019, 28, 158-168.	1.7	1
58	Î±-Lipoic acid protects HAECs from high glucose-induced apoptosis via decreased oxidative stress, ER stress and mitochondrial injury. RSC Advances, 2015, 5, 70726-70736.	3.6	0
59	In vitro Measurement and In vivo Prediction of Time-Dependent Inhibitory Effects of Three Tyrosine Kinase Inhibitors on CYP3A Activity. Current Drug Metabolism, 2021, 22, .	1.2	0