

Zeyao Tang

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,604
citations

257450

24
h-index

315739

38
g-index

57
all docs

57
docs citations

57
times ranked

2442
citing authors

#	ARTICLE	IF	CITATIONS
1	Protection of pancreatic β -cell by phosphocreatine through mitochondrial improvement via the regulation of dual AKT/IRS-1/GSK-3 β and STAT3/Cyp-D signaling pathways. <i>Cell Biology and Toxicology</i> , 2022, 38, 531-551.	5.3	9
2	Design, synthesis and activity evaluation of prodrug form JBP485 and Vitamin E for alleviation of NASH. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 56, 128464.	2.2	0
3	Synthesis and biological activity of imidazole group-substituted arylaminopyrimidines (IAAPs) as potent BTK inhibitors against B-cell lymphoma and AML. <i>Bioorganic Chemistry</i> , 2021, 106, 104385.	4.1	12
4	The neuroprotective effects of phosphocreatine on Amyloid Beta 25 β 35-induced differentiated neuronal cell death through inhibition of AKT/GSK-3 β /Tau/APP/CDK5 pathways in vivo and vitro. <i>Free Radical Biology and Medicine</i> , 2021, 162, 181-190.	2.9	12
5	Design, synthesis, and biological evaluation of hydroxamic acid-substituted 2,4-diaryl aminopyrimidines as potent EGFR T790M/L858R inhibitors for the treatment of NSCLC. <i>Bioorganic Chemistry</i> , 2021, 114, 105045.	4.1	6
6	Non-energy mechanism of phosphocreatine on the protection of cell survival. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111839.	5.6	8
7	Enhancement of gemcitabine efficacy by K73-03 via epigenetically regulation of miR-421/SPINK1 in gemcitabine resistant pancreatic cancer cells. <i>Phytomedicine</i> , 2021, 91, 153711.	5.3	5
8	Noncovalent EGFR T790M/L858R inhibitors based on diphenylpyrimidine scaffold: Design, synthesis, and bioactivity evaluation for the treatment of NSCLC. <i>European Journal of Medicinal Chemistry</i> , 2021, 223, 113626.	5.5	8
9	<i>In vitro</i> and <i>in vivo</i> evaluation of self-assembled chitosan nanoparticles selectively overcoming hepatocellular carcinoma via asialoglycoprotein receptor. <i>Drug Delivery</i> , 2021, 28, 2071-2084.	5.7	15
10	Design and synthesis of diphenylpyrimidine derivatives (DPPYs) as potential dual EGFR T790M and FAK inhibitors against a diverse range of cancer cell lines. <i>Bioorganic Chemistry</i> , 2020, 94, 103408.	4.1	23
11	Protection of diabetes-induced kidney injury by phosphocreatine via the regulation of ERK/Nrf2/HO-1 signaling pathway. <i>Life Sciences</i> , 2020, 242, 117248.	4.3	41
12	miR-421 up-regulation by the oleanolic acid derivative K73-03 regulates epigenetically SPINK1 transcription in pancreatic cancer cells leading to metabolic changes and enhanced apoptosis. <i>Pharmacological Research</i> , 2020, 161, 105130.	7.1	20
13	Hedgehog pathway: a potential target of itraconazole in the treatment of cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 297-304.	2.5	32
14	Anticancer effect of SZC015 on pancreatic cancer via mitochondria-dependent apoptosis and the constitutive suppression of activated nuclear factor κ B and STAT3 in vitro and in vivo. <i>Journal of Cellular Physiology</i> , 2019, 234, 777-788.	4.1	11
15	MicroRNA-128-3p aggravates doxorubicin-induced liver injury by promoting oxidative stress via targeting Sirtuin-1. <i>Pharmacological Research</i> , 2019, 146, 104276.	7.1	69
16	Structure-based modification of carbonyl-diphenylpyrimidines (Car-DPPYs) as a novel focal adhesion kinase (FAK) inhibitor against various stubborn cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2019, 172, 154-162.	5.5	22
17	Phosphocreatine Improves Cardiac Dysfunction by Normalizing Mitochondrial Respiratory Function through JAK2/STAT3 Signaling Pathway <i>In Vivo</i> and <i>In Vitro</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-18.	4.0	20
18	Preparation and Optimization Lipid Nanocapsules to Enhance the Antitumor Efficacy of Cisplatin in Hepatocellular Carcinoma HepG2 Cells. <i>AAPS PharmSciTech</i> , 2018, 19, 2048-2057.	3.3	16

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19	Neuroprotective effect of phosphocreatine on oxidative stress and mitochondrial dysfunction induced apoptosis in vitro and in vivo: Involvement of dual PI3K/Akt and Nrf2/HO-1 pathways. <i>Free Radical Biology and Medicine</i> , 2018, 120, 228-238.	2.9	101
20	Protective effects of dioscin against fructose-induced renal damage via adjusting Sirt3-mediated oxidative stress, fibrosis, lipid metabolism and inflammation. <i>Toxicology Letters</i> , 2018, 284, 37-45.	0.8	75
21	miR-125a-5p ameliorates hepatic glycolipid metabolism disorder in type 2 diabetes mellitus through targeting of STAT3. <i>Theranostics</i> , 2018, 8, 5593-5609.	10.0	99
22	Phosphocreatine attenuates endoplasmic reticulum stress-mediated hepatocellular apoptosis ameliorates insulin resistance in diabetes model. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 611-618.	2.1	7
23	Improvement of the solubility, photostability, antioxidant activity and UVB photoprotection of trans-resveratrol by essential oil based microemulsions for topical application. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 48, 346-354.	3.0	42
24	Protective effect of dioscin against intestinal ischemia/reperfusion injury via adjusting miR-351-5p-mediated oxidative stress. <i>Pharmacological Research</i> , 2018, 137, 56-63.	7.1	48
25	In situ monitoring of the structural change of microemulsions in simulated gastrointestinal conditions by SAXS and FRET. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 655-665.	12.0	27
26	Salinomycin, as an autophagy modulator-- a new avenue to anticancer: a review. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 26.	8.6	58
27	6-Gingerol protects intestinal barrier from ischemia/reperfusion-induced damage via inhibition of p38 MAPK to NF- κ B signalling. <i>Pharmacological Research</i> , 2017, 119, 137-148.	7.1	112
28	Design, synthesis and biological evaluation of sulfonamide-substituted diphenylpyrimidine derivatives (Sul-DPPYs) as potent focal adhesion kinase (FAK) inhibitors with antitumor activity. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3989-3996.	3.0	29
29	Preparation of Essential Oil-Based Microemulsions for Improving the Solubility, pH Stability, Photostability, and Skin Permeation of Quercetin. <i>AAPS PharmSciTech</i> , 2017, 18, 3097-3104.	3.3	45
30	Comparisons of argatroban to lepirudin and bivalirudin in the treatment of heparin-induced thrombocytopenia: a systematic review and meta-analysis. <i>International Journal of Hematology</i> , 2017, 106, 476-483.	1.6	28
31	C-2 (E)-4-(Styryl)aniline substituted diphenylpyrimidine derivatives (Sty-DPPYs) as specific kinase inhibitors targeting clinical resistance related EGFR T790M mutant. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2724-2729.	3.0	12
32	EGCG protects against homocysteine-induced human umbilical vein endothelial cells apoptosis by modulating mitochondrial-dependent apoptotic signaling and PI3K/Akt/eNOS signaling pathways. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 672-680.	4.9	60
33	Induction of autophagy by an oleanolic acid derivative, SZC017, promotes ROS-dependent apoptosis through Akt and JAK2/STAT3 signaling pathway in human lung cancer cells. <i>Cell Biology International</i> , 2017, 41, 1367-1378.	3.0	21
34	p-JAK2 plays a key role in catalpol-induced protection against rat intestinal ischemia/reperfusion injury. <i>RSC Advances</i> , 2017, 7, 54369-54378.	3.6	7
35	Phosphocreatine protects endothelial cells from Methylglyoxal induced oxidative stress and apoptosis via the regulation of PI3K/Akt/eNOS and NF- κ B pathway. <i>Vascular Pharmacology</i> , 2017, 91, 26-35.	2.1	45
36	Ameliorative effects of atractylodin on intestinal inflammation and co-occurring dysmotility in both constipation and diarrhea prominent rats. <i>Korean Journal of Physiology and Pharmacology</i> , 2017, 21, 1.	1.2	35

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37	Novel Selective and Potent EGFR Inhibitor that Overcomes T790M-Mediated Resistance in Non-Small Cell Lung Cancer. <i>Molecules</i> , 2016, 21, 1462.	3.8	12
38	Anticancer effect of SZC017, a novel derivative of oleanolic acid, on human gastric cancer cells. <i>Oncology Reports</i> , 2016, 35, 1101-1108.	2.6	21
39	Synthesis and biological evaluation of azole-diphenylpyrimidine derivatives (AzDPPYs) as potent T790M mutant form of epidermal growth factor receptor inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5505-5512.	3.0	24
40	Anticancer effect of SZC015 on lung cancer cells through ROS-dependent apoptosis and autophagy induction mechanisms in vitro. <i>International Immunopharmacology</i> , 2016, 40, 400-409.	3.8	22
41	Discovery of Novel Brutonâ€™s Tyrosine Kinase (BTK) Inhibitors Bearing a 9,9-Diphenyl-9H-purin-2-amine Scaffold. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 1050-1055.	2.8	24
42	Multiple molecular targets in breast cancer therapy by betulinic acid. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1321-1330.	5.6	53
43	Phosphocreatine protects against LPS-induced human umbilical vein endothelial cell apoptosis by regulating mitochondrial oxidative phosphorylation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2016, 21, 283-297.	4.9	22
44	SZC015, a synthetic oleanolic acid derivative, induces both apoptosis and autophagy in MCF-7 breast cancer cells. <i>Chemico-Biological Interactions</i> , 2016, 244, 94-104.	4.0	48
45	The Mechanism in Gastric Cancer Chemoprevention by Allicin. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016, 16, 802-809.	1.7	30
46	Capsaicin alleviates abnormal intestinal motility through regulation of enteric motor neurons and MLCK activity: Relevance to intestinal motility disorders. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1482-1490.	3.3	15
47	SZC017, a novel oleanolic acid derivative, induces apoptosis and autophagy in human breast cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 1636-1650.	4.9	39
48	Phosphocreatine protects endothelial cells from oxidized low-density lipoprotein-induced apoptosis by modulating the PI3K/Akt/eNOS pathway. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 1563-1576.	4.9	52