

Weiwei Tao

List of Publications by Year in descending order

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59
papers

1,878
citations

201674

27
h-index

289244

40
g-index

60
all docs

60
docs citations

60
times ranked

2421
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced ROS-Boosted Phototherapy against Pancreatic Cancer via Nrf2-Mediated Stress-Defense Pathway Suppression and Ferroptosis Induction. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 6404-6416.	8.0	46
2	High-fat diet promotes colorectal carcinogenesis through SERCA2 mediated serine phosphorylation of Annexin A2. <i>International Journal of Biochemistry and Cell Biology</i> , 2022, 145, 106192.	2.8	2
3	Flavonoids from <i>Scutellaria barbata</i> D. Don exert antitumor activity in colorectal cancer through inhibited autophagy and promoted apoptosis via ATF4/sestrin2 pathway. <i>Phytomedicine</i> , 2022, 99, 154007.	5.3	9
4	Anti-depressant effect of Zhi-zi-chi decoction on CUMS mice and elucidation of its signaling pathway. <i>Journal of Ethnopharmacology</i> , 2021, 266, 113283.	4.1	18
5	Platelet-derived extracellular vesicles to target plaque inflammation for effective anti-atherosclerotic therapy. <i>Journal of Controlled Release</i> , 2021, 329, 445-453.	9.9	57
6	Iridoids from <i>Gardeniae fructus</i> ameliorates depression by enhancing synaptic plasticity via AMPA receptor-mTOR signaling. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113665.	4.1	21
7	Identification wild and cultivated licorice by multidimensional analysis. <i>Food Chemistry</i> , 2021, 339, 128111.	8.2	20
8	Neuroplasticity: A Key Player in the Antidepressant Action of Chinese Herbal Medicine. <i>The American Journal of Chinese Medicine</i> , 2021, 49, 1115-1133.	3.8	6
9	Bruceine A induces cell growth inhibition and apoptosis through PFKFB4/GSK3 β signaling in pancreatic cancer. <i>Pharmacological Research</i> , 2021, 169, 105658.	7.1	15
10	Magnolol attenuates depressive-like behaviors by polarizing microglia towards the M2 phenotype through the regulation of Nrf2/HO-1/NLRP3 signaling pathway. <i>Phytomedicine</i> , 2021, 91, 153692.	5.3	46
11	Microenvironmental Variations After Blood-Brain Barrier Breakdown in Traumatic Brain Injury. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 750810.	2.9	15
12	Facilitating Granule Cell Survival and Maturation in Dentate Gyrus With Baicalin for Antidepressant Therapeutics. <i>Frontiers in Pharmacology</i> , 2020, 11, 556845.	3.5	18
13	Trifolirhizin induces autophagy-dependent apoptosis in colon cancer via AMPK/mTOR signaling. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 174.	17.1	38
14	Crocin Reverses Depression-Like Behavior in Parkinson Disease Mice via VTA-mPFC Pathway. <i>Molecular Neurobiology</i> , 2020, 57, 3158-3170.	4.0	32
15	The enhanced permeability and retention effect based nanomedicine at the site of injury. <i>Nano Research</i> , 2020, 13, 564-569.	10.4	46
16	Lobetyolin induces apoptosis of colon cancer cells by inhibiting glutamine metabolism. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 3359-3369.	3.6	38
17	Crocin induces anti-ischemia in middle cerebral artery occlusion rats and inhibits autophagy by regulating the mammalian target of rapamycin. <i>European Journal of Pharmacology</i> , 2019, 857, 172424.	3.5	14
18	Euphorbia factor L2 inhibits TGF- β -induced cell growth and migration of hepatocellular carcinoma through AKT/STAT3. <i>Phytomedicine</i> , 2019, 62, 152931.	5.3	12

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19	Health risk of Licorice-Yuanhua combination through induction of colonic H ₂ S metabolism. Journal of Ethnopharmacology, 2019, 236, 136-146.	4.1	14
20	Phytochemical Information and Biological Activities of Quinolizidine Alkaloids in Sophora: A Comprehensive Review. Current Drug Targets, 2019, 20, 1572-1586.	2.1	19
21	Comparative analysis of multiple representative components in the herb pair Astragali Radix-Curcumae Rhizoma and its single herbs by UPLC-QQQ-MS. Journal of Pharmaceutical and Biomedical Analysis, 2018, 148, 224-229.	2.8	34
22	Pilose antler peptide attenuates LPS-induced inflammatory reaction. International Journal of Biological Macromolecules, 2018, 108, 272-276.	7.5	27
23	Gancao-Gansui combination impacts gut microbiota diversity and related metabolic functions. Journal of Ethnopharmacology, 2018, 214, 71-82.	4.1	48
24	Pilose antler peptide attenuates high-fat-diet-induced liver injury. Toxicology Mechanisms and Methods, 2018, 28, 279-285.	2.7	4
25	Lycium ruthenicum studies: Molecular biology, Phytochemistry and pharmacology. Food Chemistry, 2018, 240, 759-766.	8.2	107
26	Chelerythrine Attenuates the Inflammation of Lipopolysaccharide-Induced Acute Lung Inflammation Through NF- κ B Signaling Pathway Mediated by Nrf2. Frontiers in Pharmacology, 2018, 9, 1047.	3.5	36
27	The antidepressant effects of α -tocopherol are related to activation of autophagy via the AMPK/mTOR pathway. European Journal of Pharmacology, 2018, 833, 1-7.	3.5	37
28	Xijiao Dihuang Decoction Alleviates Ischemic Brain Injury in MCAO Rats by Regulating Inflammation, Neurogenesis, and Angiogenesis. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-12.	1.2	14
29	Euphorbia factor L2 alleviates lipopolysaccharide-induced acute lung injury and inflammation in mice through the suppression of NF- κ B activation. Biochemical Pharmacology, 2018, 155, 444-454.	4.4	32
30	Hydroxysafflor Yellow A Promoted Bone Mineralization and Inhibited Bone Resorption Which Reversed Glucocorticoids-Induced Osteoporosis. BioMed Research International, 2018, 2018, 1-8.	1.9	20
31	Involvement of NMDA-AKT-mTOR Signaling in Rapid Antidepressant-Like Activity of Chaihu-jia-Longgu-Muli-tang on Olfactory Bulbectomized Mice. Frontiers in Pharmacology, 2018, 9, 1537.	3.5	16
32	Therapeutic effects of Euphorbia Pekinensis and Glycyrrhiza glabra on Hepatocellular Carcinoma Ascites Partially Via Regulating the Frk-Arhgdib-Inpp5d-Avpr2-Aqp4 Signal Axis. Scientific Reports, 2017, 7, 41925.	3.3	8
33	How impaired efficacy happened between Gancao and Yuanhua: Compounds, targets and pathways. Scientific Reports, 2017, 7, 3828.	3.3	13
34	E. fischeriana Root Compound Dpo Activates Antiviral Innate Immunity. Frontiers in Cellular and Infection Microbiology, 2017, 7, 456.	3.9	14
35	Neuroprotective Effect of Modified Xijiao Dihuang Decoction against Oxygen-Glucose Deprivation and Reoxygenation-Induced Injury in PC12 Cells: Involvement of TLR4-MyD88/NF- κ B Signaling Pathway. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-11.	1.2	9
36	Expression of Disrupted-in-schizophrenia 1 in Hippocampus in Postpartum Depression Animal Models Induced by Pre-pregnancy Stress. Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae, 2017, 39, 230-235.	0.2	0

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37	Umbelliferone attenuates unpredictable chronic mild stress induced insulin resistance in rats. <i>IUBMB Life</i> , 2016, 68, 403-409.	3.4	20
38	Paeonol attenuates lipopolysaccharide-induced depressive-like behavior in mice. <i>Psychiatry Research</i> , 2016, 238, 116-121.	3.3	36
39	Liquiritigenin reverses depression-like behavior in unpredictable chronic mild stress-induced mice by regulating PI3K/Akt/mTOR mediated BDNF/TrkB pathway. <i>Behavioural Brain Research</i> , 2016, 308, 177-186.	2.2	97
40	Protective effect of liquiritigenin on depressive-like behavior in mice after lipopolysaccharide administration. <i>Psychiatry Research</i> , 2016, 240, 131-136.	3.3	17
41	Two standardized fractions of <i>Gardenia jasminoides</i> Ellis with rapid antidepressant effects are differentially associated with BDNF up-regulation in the hippocampus. <i>Journal of Ethnopharmacology</i> , 2016, 187, 66-73.	4.1	30
42	PKA-CREB-BDNF signaling regulated long lasting antidepressant activities of Yueju but not ketamine. <i>Scientific Reports</i> , 2016, 6, 26331.	3.3	87
43	Chronic stress prior to pregnancy potentiated long-lasting postpartum depressive-like behavior, regulated by Akt-mTOR signaling in the hippocampus. <i>Scientific Reports</i> , 2016, 6, 35042.	3.3	33
44	Rapid determination of flavonoids in licorice and comparison of three licorice species. <i>Journal of Separation Science</i> , 2016, 39, 473-482.	2.5	35
45	Crocetin ester improves myocardial ischemia via Rho/ROCK/NF- κ B pathway. <i>International Immunopharmacology</i> , 2016, 38, 186-193.	3.8	25
46	Instant and Lasting Down-Regulation of NR1 Expression in the Hippocampus is Associated Temporally with Antidepressant Activity After Acute Yueju. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 1189-1196.	3.3	18
47	An in vitro metabolomics approach to identify hepatotoxicity biomarkers in human L02 liver cells treated with pekinenal, a natural compound. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1413-1424.	3.7	25
48	Yuanhuapine-induced intestinal and hepatotoxicity were correlated with disturbance of amino acids, lipids, carbohydrate metabolism and gut microflora function: A rat urine metabolomic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1026, 183-192.	2.3	28
49	Involvement of normalized NMDA receptor and mTOR-related signaling in rapid antidepressant effects of Yueju and ketamine on chronically stressed mice. <i>Scientific Reports</i> , 2015, 5, 13573.	3.3	121
50	A role of Yueju in fast-onset antidepressant action on major depressive disorder and serum BDNF expression: a randomly double-blind, fluoxetine-adjunct, placebo-controlled, pilot clinical study. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 2013.	2.2	28
51	Rapid Antidepressant Activity of Ethanol Extract of <i>Gardenia jasminoides</i> Ellis Is Associated with Upregulation of BDNF Expression in the Hippocampus. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-8.	1.2	42
52	Platycodin D attenuates acute lung injury by suppressing apoptosis and inflammation in vivo and in vitro. <i>International Immunopharmacology</i> , 2015, 27, 138-147.	3.8	65
53	Pharmacokinetic profile and metabolite identification of yuanhuapine, a bioactive component in <i>Daphne genkwa</i> by ultra-high performance liquid chromatography coupled with tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 112, 60-69.	2.8	26
54	Optimization of Supercritical Fluid Extraction of Oil from the Fruit of <i>Gardenia jasminoides</i> and Its Antidepressant Activity. <i>Molecules</i> , 2014, 19, 19350-19360.	3.8	48

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55	Pharmacokinetic properties of arsenic species after oral administration of Sargassum pallidum extract in rats using an HPLC-HG-AFS method. Journal of Pharmaceutical and Biomedical Analysis, 2014, 96, 213-219.	2.8	11
56	Data mining and frequency analysis for licorice as a "Two-Face" herb in Chinese Formulae based on Chinese Formulae Database. Phytomedicine, 2014, 21, 1281-1286.	5.3	46
57	Comparison of three officinal Chinese pharmacopoeia species of Glycyrrhiza based on separation and quantification of triterpene saponins and chemometrics analysis. Food Chemistry, 2013, 141, 1681-1689.	8.2	64
58	Simultaneous determination of triterpenoid saponins in dog plasma by a validated UPLC-MS/MS and its application to a pharmacokinetic study after administration of total saponin of licorice. Journal of Pharmaceutical and Biomedical Analysis, 2013, 75, 248-255.	2.8	17
59	Simultaneous Determination of Eleven Major Flavonoids in the Pollen of <i>Typha angustifolia</i> by HPLC-PDA-MS. Phytochemical Analysis, 2011, 22, 455-461.	2.4	54