

Jing Zhao

List of Publications by Year in descending order

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85
papers

2,779
citations

159585

30
h-index

197818

49
g-index

87
all docs

87
docs citations

87
times ranked

4003
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Fabrication and characterization of magnetic molecularly imprinted polymer based on deep eutectic solvent for specific recognition and quantification of vanillin in infant complementary food. <i>Food Chemistry</i> , 2022, 374, 131720. | 8.2 | 25 |
| 2 | Elucidating inhaled liposome surface charge on its interaction with biological barriers in the lung. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 172, 101-111. | 4.3 | 27 |
| 3 | Increased Drp1 promotes autophagy and ESCC progression by mtDNA stress mediated cGAS-STING pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 76. | 8.6 | 22 |
| 4 | Hydrophilic molecularly imprinted membranes based on GO-loading for simultaneously selective recognition and detection of three amphenicols drugs in pork and milk. <i>Food Chemistry</i> , 2022, 384, 132542. | 8.2 | 7 |
| 5 | <i>Schisandra chinensis</i> essential oil attenuates acetaminophen-induced liver injury through alleviating oxidative stress and activating autophagy. <i>Pharmaceutical Biology</i> , 2022, 60, 958-967. | 2.9 | 6 |
| 6 | Investigation of pathogenesis and therapeutic targets of acute myeloid leukemia based on untargeted plasma metabolomics and network pharmacology approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 195, 113824. | 2.8 | 8 |
| 7 | Integrated renal metabolomic and metallomic profiling revealed protective effect and metabolic mechanism of Gushudan on glucocorticoid-induced osteoporotic rat based on GC-MS and ICP-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 193, 113705. | 2.8 | 10 |
| 8 | Increased Susceptibility of Atrial Fibrillation Induced by Hyperuricemia in Rats: Mechanisms and Implications. <i>Cardiovascular Toxicology</i> , 2021, 21, 192-205. | 2.7 | 8 |
| 9 | 7,8-Dihydroxyflavone suppresses proliferation and induces apoptosis of human osteosarcoma cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 903-911. | 2.0 | 5 |
| 10 | Integrative metabolic profile of myelodysplastic syndrome based on UHPLC-MS. <i>Biomedical Chromatography</i> , 2021, 35, e5136. | 1.7 | 6 |
| 11 | Intra-Herb Interactions: Primary Metabolites in Coptidis Rhizoma Extract Improved the Pharmacokinetics of Oral Berberine Hydrochloride in Mice. <i>Frontiers in Pharmacology</i> , 2021, 12, 675368. | 3.5 | 5 |
| 12 | Letter by Hang and Zhao Regarding Article, "Cardiac Overexpression of PDE4B Blunts β -Adrenergic Response and Maladaptive Remodeling in Heart Failure". <i>Circulation</i> , 2021, 143, e24-e25. | 1.6 | 0 |
| 13 | The Emerging Role of BDNF/TrkB Signaling in Cardiovascular Diseases. <i>Life</i> , 2021, 11, 70. | 2.4 | 23 |
| 14 | Cdc25C/cdc2/cyclin B, raf/MEK/ERK and PERK/eIF2 α /CHOP pathways are involved in forskolin-induced growth inhibition of MM.1S cells by G2/M arrest and mitochondrion-dependent apoptosis. <i>Cell Cycle</i> , 2021, 20, 2402-2412. | 2.6 | 4 |
| 15 | Anthelmintic niclosamide attenuates pressure-overload induced heart failure in mice. <i>European Journal of Pharmacology</i> , 2021, 912, 174614. | 3.5 | 7 |
| 16 | Triterpenoids with Cytotoxicity from <i>Abelia engleriana</i> . <i>Chemistry of Natural Compounds</i> , 2021, 57, 1163-1166. | 0.8 | 1 |
| 17 | The regulatory role of the BDNF/TrkB pathway in organ and tissue fibrosis. <i>Histology and Histopathology</i> , 2021, , 18368. | 0.7 | 4 |
| 18 | Eco-friendly ultrasonic assisted liquid-liquid microextraction method based on hydrophobic deep eutectic solvent for the determination of sulfonamides in fruit juices. <i>Journal of Chromatography A</i> , 2020, 1609, 460520. | 3.7 | 53 |

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|----|---|-----|-----------|
| 19 | Structure-Based Site-Specific PEGylation of Fibroblast Growth Factor 2 Facilitates Rational Selection of Conjugate Sites. <i>Biotechnology Journal</i> , 2020, 15, 1900203. | 3.5 | 3 |
| 20 | Integrated metabolomic analysis for intervention effects of Gushudan on glucocorticoid-induced osteoporotic rat plasma based on RP/HILIC-UHPLC-Q-Orbitrap HRMS. <i>Analytical Biochemistry</i> , 2020, 591, 113559. | 2.4 | 13 |
| 21 | Metoprolol prevents neuronal dendrite remodeling in a canine model of chronic obstructive sleep apnea. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 620-628. | 6.1 | 8 |
| 22 | Ultrasound-assisted deep eutectic solvent as green and efficient media combined with functionalized magnetic multi-walled carbon nanotubes as solid-phase extraction to determine pesticide residues in food products. <i>Food Chemistry</i> , 2020, 310, 125863. | 8.2 | 73 |
| 23 | Neutrophils, as "Trojan horses", participate in the delivery of therapeutic PLGA nanoparticles into a tumor based on the chemotactic effect. <i>Drug Delivery</i> , 2020, 27, 1-14. | 5.7 | 42 |
| 24 | Efficient extraction and determination of prenylflavonol glycosides in <i>Epimedium pubescens</i> Maxim. using deep eutectic solvents. <i>Phytochemical Analysis</i> , 2020, 31, 375-383. | 2.4 | 14 |
| 25 | ¹ H-NMR-based urinary metabolomic analysis for the preventive effects of gushudan on glucocorticoid-induced osteoporosis rats. <i>Analytical Biochemistry</i> , 2020, 610, 113992. | 2.4 | 17 |
| 26 | Exploring the influence of inhaled liposome membrane fluidity on its interaction with pulmonary physiological barriers. <i>Biomaterials Science</i> , 2020, 8, 6786-6797. | 5.4 | 24 |
| 27 | Deep eutectic solvent combined with ultrasound-assisted extraction as high efficient extractive media for extraction and quality evaluation of Herba Epimedii. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 185, 113228. | 2.8 | 21 |
| 28 | Synergistic Mechanisms of Constituents in Herbal Extracts during Intestinal Absorption: Focus on Natural Occurring Nanoparticles. <i>Pharmaceutics</i> , 2020, 12, 128. | 4.5 | 77 |
| 29 | Effects of extraction methods on immunology activity and chemical profiles of <i>Lycium barbarum</i> polysaccharides. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 185, 113219. | 2.8 | 40 |
| 30 | Deep eutectic solvent-based magnetic colloidal gel assisted magnetic solid-phase extraction: A simple and rapid method for the determination of sex hormones in cosmetic skin care toners. <i>Chemosphere</i> , 2020, 255, 127004. | 8.2 | 16 |
| 31 | Dihydroartemisinin and doxorubicin co-loaded Soluplus [®] -TPGS mixed micelles: formulation characterization, cellular uptake, and pharmacodynamic studies. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 1125-1132. | 2.4 | 14 |
| 32 | Functionalization of a SiO ₂ -coated magnetic graphene oxide composite with polyaniline-polypyrrole for magnetic solid phase extraction of ultra-trace Cr(III) and Pb(II) in water and food samples using a Box-Behnken design. <i>New Journal of Chemistry</i> , 2019, 43, 12126-12136. | 2.8 | 32 |
| 33 | Brain-derived neurotrophic factor mimetic, 7,8-dihydroxyflavone, protects against myocardial ischemia by rebalancing optic atrophy 1 processing. <i>Free Radical Biology and Medicine</i> , 2019, 145, 187-197. | 2.9 | 31 |
| 34 | Ultrasound-assisted deep eutectic solvent as green and efficient media for the extraction of flavonoids from <i>Radix scutellariae</i> . <i>New Journal of Chemistry</i> , 2019, 43, 644-650. | 2.8 | 23 |
| 35 | A comprehensive metabolomics investigation of hippocampus, serum, and feces affected by chronic fluoxetine treatment using the chronic unpredictable mild stress mouse model of depression. <i>Scientific Reports</i> , 2019, 9, 7566. | 3.3 | 26 |
| 36 | Comprehensive Investigation of the Effects of Brewing Conditions in Sample Preparation of Green Tea Infusions. <i>Molecules</i> , 2019, 24, 1735. | 3.8 | 18 |

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|----|---|-----|-----------|
| 37 | Multi-class determination of steroid hormones and antibiotics in fatty hotpot ingredients by pressurized liquid extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 171, 193-203. | 2.8 | 13 |
| 38 | Effects of glycerol concentrations on the bioproduction of PGHX by <i>Agrobacterium</i> HX1126. <i>Preparative Biochemistry and Biotechnology</i> , 2019, 49, 584-589. | 1.9 | 0 |
| 39 | The different response of cardiomyocytes and cardiac fibroblasts to mitochondria inhibition and the underlying role of STAT3. <i>Basic Research in Cardiology</i> , 2019, 114, 12. | 5.9 | 38 |
| 40 | Phospholipase C β 2 signalling contributes to the haemostatic effect of Notoginsenoside Ft1. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 878-886. | 2.4 | 12 |
| 41 | Activation of cardiac TrkB receptor by its small molecular agonist 7,8-dihydroxyflavone inhibits doxorubicin-induced cardiotoxicity via enhancing mitochondrial oxidative phosphorylation. <i>Free Radical Biology and Medicine</i> , 2019, 130, 557-567. | 2.9 | 33 |
| 42 | Ultrasound-assisted emulsification liquid phase microextraction method based on deep eutectic solvent as extraction solvent for determination of five pesticides in traditional Chinese medicine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 213-221. | 2.8 | 36 |
| 43 | Simultaneous enantiomeric analysis of eight pesticides in soils and river sediments by chiral liquid chromatography-tandem mass spectrometry. <i>Chemosphere</i> , 2018, 204, 210-219. | 8.2 | 52 |
| 44 | Development and evaluation of a novel drug delivery: Soluplus [®] /TPGS mixed micelles loaded with piperine <i>in vitro</i> and <i>in vivo</i> . <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1409-1416. | 2.0 | 42 |
| 45 | Autophagy exacerbates electrical remodeling in atrial fibrillation by ubiquitin-dependent degradation of L-type calcium channel. <i>Cell Death and Disease</i> , 2018, 9, 873. | 6.3 | 45 |
| 46 | Sustained therapeutic efficacy of budesonide-loaded chitosan swellable microparticles after lung delivery: Influence of <i>in vitro</i> release, treatment interval and dose. <i>Journal of Controlled Release</i> , 2018, 283, 163-174. | 9.9 | 30 |
| 47 | Characterizations of mitochondrial uncoupling induced by chemical mitochondrial uncouplers in cardiomyocytes. <i>Free Radical Biology and Medicine</i> , 2018, 124, 288-298. | 2.9 | 29 |
| 48 | A novel magnetic multi-walled carbon nanotube-based magnetic solid-phase extraction combined with dispersive liquid-liquid microextraction method for the determination of four phenoxy carboxylic acid herbicides in food crops by using ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2018, 10, 3263-3272. | 2.7 | 19 |
| 49 | Green and efficient extraction of four bioactive flavonoids from <i>Pollen Typhae</i> by ultrasound-assisted deep eutectic solvents extraction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 161, 246-253. | 2.8 | 116 |
| 50 | Development and Validation of an Analytical Method Readily Applicable for Quality Control of <i>Tabebuia impetiginosa</i> (Taheebo) Ethanolic Extract. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 695-700. | 1.5 | 3 |
| 51 | Exploring polyvinylpyrrolidone in the engineering of large porous PLGA microparticles via single emulsion method with tunable sustained release in the lung: <i>In vitro</i> and <i>in vivo</i> characterization. <i>Journal of Controlled Release</i> , 2017, 249, 11-22. | 9.9 | 65 |
| 52 | Brain-derived neurotrophic factor attenuates doxorubicin-induced cardiac dysfunction through activating Akt signalling in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 685-696. | 3.6 | 40 |
| 53 | Synthesis and Biological Evaluation of Novel 2-Aminonicotinamide Derivatives as Antifungal Agents. <i>ChemMedChem</i> , 2017, 12, 319-326. | 3.2 | 10 |
| 54 | A simple and reliable analytical method based on HPLC-UV to determine oleanonic acid content in Chios gum mastic for quality control. <i>Archives of Pharmacal Research</i> , 2017, 40, 49-56. | 6.3 | 9 |

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|----|--|-----|-----------|
| 55 | Soluplus/TPGS mixed micelles for dioscin delivery in cancer therapy. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1197-1204. | 2.0 | 46 |
| 56 | Design, synthesis, and in vitro evaluation of novel antifungal triazoles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2171-2173. | 2.2 | 38 |
| 57 | Nanocrystals embedded in chitosan-based respirable swellable microparticles as dry powder for sustained pulmonary drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 99, 137-146. | 4.0 | 63 |
| 58 | Metoprolol prevents chronic obstructive sleep apnea-induced atrial fibrillation by inhibiting structural, sympathetic nervous and metabolic remodeling of the atria. <i>Scientific Reports</i> , 2017, 7, 14941. | 3.3 | 27 |
| 59 | Design, synthesis, and SAR study of 3-(benzo[d][1,3]dioxol-5-yl)- N -benzylpropanamide as novel potent synergists against fluconazole-resistant <i>Candida albicans</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4571-4575. | 2.2 | 6 |
| 60 | Determination of enantiomeric vigabatrin by derivatization with diacetyl- l -tartaric anhydride followed by ultra-high performance liquid chromatography-quadrupole-time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1040, 199-207. | 2.3 | 16 |
| 61 | A cost-effective method to prepare curcumin nanosuspensions with enhanced oral bioavailability. <i>Journal of Colloid and Interface Science</i> , 2017, 485, 91-98. | 9.4 | 81 |
| 62 | Chronic obstructive sleep apnea promotes aortic remodeling in canines through miR-145/Smad3 signaling pathway. <i>Oncotarget</i> , 2017, 8, 37705-37716. | 1.8 | 18 |
| 63 | BDNF-mediate Down-regulation of MicroRNA-195 Inhibits Ischemic Cardiac Apoptosis in Rats. <i>International Journal of Biological Sciences</i> , 2016, 12, 979-989. | 6.4 | 61 |
| 64 | TSG attenuates LPC-induced endothelial cells inflammatory damage through notch signaling inhibition. <i>IUBMB Life</i> , 2016, 68, 37-50. | 3.4 | 24 |
| 65 | Diosgenin attenuates the brain injury induced by transient focal cerebral ischemia-reperfusion in rats. <i>Steroids</i> , 2016, 113, 103-112. | 1.8 | 26 |
| 66 | Fabrication of an ionic-sensitive in situ gel loaded with resveratrol nanosuspensions intended for direct nose-to-brain delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 147, 376-386. | 5.0 | 106 |
| 67 | Quantitative determination of gracillin by HPLC-MS/MS after oral administration and its application to a pharmacokinetic study. <i>Steroids</i> , 2016, 113, 78-86. | 1.8 | 7 |
| 68 | Inhibitory effects of Shengkang injection and its main component emodin on the proliferation of high glucose-induced renal mesangial cells through cell cycle regulation and induction of apoptosis. <i>Molecular Medicine Reports</i> , 2016, 14, 3381-3388. | 2.4 | 16 |
| 69 | Indirect enantioseparation of fluoxetine in mouse serum by derivatization with 1 <i>R</i> -menthyl chloroformate followed by ultra high performance liquid chromatography and quadrupole time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 1041-1049. | 2.5 | 3 |
| 70 | A Simple, Rapid and Reliable Method to Determine Imipramine and Desipramine in Mouse Serum Using Ultra-High-Performance Liquid Chromatography-Quadrupole-Time-of-Flight Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2016, 54, 561-568. | 1.4 | 9 |
| 71 | The Inhibitory Effect of Rhein on Proliferation of High Glucose-induced Mesangial Cell Through Cell Cycle Regulation and Induction of Cell Apoptosis. <i>Pharmacognosy Magazine</i> , 2016, 12, 257. | 0.6 | 7 |
| 72 | Metabolomic identification of biochemical changes induced by fluoxetine and imipramine in a chronic mild stress mouse model of depression. <i>Scientific Reports</i> , 2015, 5, 8890. | 3.3 | 59 |

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|----|--|-----|-----------|
| 73 | Brain-Derived Neurotrophic Factor Regulates TRPC3/6 Channels and Protects Against Myocardial Infarction in Rodents. <i>International Journal of Biological Sciences</i> , 2015, 11, 536-545. | 6.4 | 58 |
| 74 | Hydrogen sulfide reduces serum triglyceride by activating liver autophagy via the AMPK-mTOR pathway. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E925-E935. | 3.5 | 107 |
| 75 | Enhanced extraction of bioactive natural products using tailor-made deep eutectic solvents: application to flavonoid extraction from <i>Flos sophorae</i> . <i>Green Chemistry</i> , 2015, 17, 1718-1727. | 9.0 | 361 |
| 76 | Proliferation of rat cardiac stem cells is induced by 2, 3, 5, 4-hydroxy-2-tetrahydroxystilbene-2-O- β -D-glucoside in vitro. <i>Life Sciences</i> , 2015, 132, 68-76. | 4.3 | 17 |
| 77 | MicroRNAs: New players in pharmacotherapy for ischemic heart diseases?. <i>International Journal of Cardiology</i> , 2015, 185, 117-118. | 1.7 | 1 |
| 78 | Highly efficient extraction of anthocyanins from grape skin using deep eutectic solvents as green and tunable media. <i>Archives of Pharmacal Research</i> , 2015, 38, 2143-2152. | 6.3 | 100 |
| 79 | 2,3,5,4-tetrahydroxystilbene-2-O- β -D-glucoside protects human umbilical vein endothelial cells against lysophosphatidylcholine-induced apoptosis by upregulating superoxide dismutase and glutathione peroxidase. <i>IUBMB Life</i> , 2014, 66, 711-722. | 3.4 | 35 |
| 80 | Autophagy: A potential novel mechanistic contributor to atrial fibrillation. <i>International Journal of Cardiology</i> , 2014, 172, 492-494. | 1.7 | 20 |
| 81 | Chronic obstructive sleep apnea causes atrial remodeling in canines: mechanisms and implications. <i>Basic Research in Cardiology</i> , 2014, 109, 427. | 5.9 | 39 |
| 82 | Valsartan inhibits transient receptor potential canonical-3 channel in canine atrial fibrillation. <i>International Journal of Cardiology</i> , 2013, 168, 4417-4418. | 1.7 | 5 |
| 83 | Protective effect of myricetin in dextran sulphate sodium-induced murine ulcerative colitis. <i>Molecular Medicine Reports</i> , 2013, 7, 565-570. | 2.4 | 54 |
| 84 | The application of information technology in the hospital pharmacy management based on HIS. , 2012, , . | | 1 |
| 85 | Therapeutic Effects of Astragaloside IV on Myocardial Injuries: Multi-Target Identification and Network Analysis. <i>PLoS ONE</i> , 2012, 7, e44938. | 2.5 | 62 |