Bo-Yang Yu

List of Publications by Year in descending order

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RO-YANG YU

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Ruscogenin Attenuates Cerebral Ischemia-Induced Blood-Brain Barrier Dysfunction by Suppressing TXNIP/NLRP3 Inflammasome Activation and the MAPK Pathway. International Journal of Molecular Sciences, 2016, 17, 1418. | 4.1 | 144 |
| 2 | Ginsenoside Rg1 protects against hydrogen peroxide-induced cell death in PC12 cells via inhibiting NF-κB activation. Neurochemistry International, 2011, 58, 119-125. | 3.8 | 136 |
| 3 | Identification and determination of the major constituents in Traditional Chinese Medicinal formula Danggui-Shaoyao-San by HPLC–DAD–ESI-MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 127-137. | 2.8 | 126 |
| 4 | Anti-inflammatory Activities of Aqueous Extract from Radix Ophiopogon japonicus and Its Two Constituents. Biological and Pharmaceutical Bulletin, 2005, 28, 1234-1238. | 1.4 | 125 |
| 5 | Antinociceptive and anti-inflammatory activities of Aquilaria sinensis (Lour.) Gilg. Leaves extract. Journal of Ethnopharmacology, 2008, 117, 345-350. | 4.1 | 98 |
| 6 | Antithrombotic Activities of Aqueous Extract from Radix Ophiopogon japonicus and Its Two Constituents. Biological and Pharmaceutical Bulletin, 2006, 29, 1267-1270. | 1.4 | 97 |
| 7 | HPLC-DAD-Q-TOF-MS/MS analysis and HPLC quantitation of chemical constituents in traditional Chinese medicinal formula Ge-Gen Decoction. Journal of Pharmaceutical and Biomedical Analysis, 2013, 80, 192-202. | 2.8 | 92 |
| 8 | Identification of multiple constituents in the traditional Chinese medicine formula Sheng-Mai San and rat plasma after oral administration by HPLC–DAD–MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2011, 54, 1110-1127. | 2.8 | 81 |
| 9 | Pegylated folate and peptide-decorated graphene oxide nanovehicle for in vivo targeted delivery of anticancer drugs and therapeutic self-monitoring. Biosensors and Bioelectronics, 2016, 80, 519-524. | 10.1 | 81 |
| 10 | Quality control of flavonoids in Ginkgo biloba leaves by high-performance liquid chromatography with diode array detection and on-line radical scavenging activity detection. Journal of Chromatography A, 2009, 1216, 2204-2210. | 3.7 | 76 |
| 11 | A combination of four active compounds alleviates cerebral ischemia–reperfusion injury in correlation with inhibition of autophagy and modulation of AMPK/mTOR and JNK pathways. Journal of Neuroscience Research, 2014, 92, 1295-1306. | 2.9 | 73 |
| 12 | Possible Mechanism of the Anti-inflammatory Activity of Ruscogenin: Role of Intercellular Adhesion Molecule-1 and Nuclear Factor-κB. Journal of Pharmacological Sciences, 2008, 108, 198-205. | 2.5 | 72 |
| 13 | Ruscogenin reduces cerebral ischemic injury via NF-κB-mediated inflammatory pathway in the mouse model of experimental stroke. European Journal of Pharmacology, 2013, 714, 303-311. | 3.5 | 66 |
| 14 | Antioxidant anthocyanins screening through spectrum–effect relationships and DPPH-HPLC-DAD analysis on nine cultivars of introduced rabbiteye blueberry in China. Food Chemistry, 2012, 132, 759-765. | 8.2 | 65 |
| 15 | In vitro biotransformation of red ginseng extract by human intestinal microflora: Metabolites identification and metabolic profile elucidation using LC–Q-TOF/MS. Journal of Pharmaceutical and Biomedical Analysis, 2014, 98, 296-306. | 2.8 | 64 |
| 16 | Iridoid glycosides from Harpagophytum procumbens D.C. (devil's claw). Phytochemistry, 2006, 67, 1372-1377. | 2.9 | 62 |
| 17 | Diosgenin down-regulates NF-κB p65/p50 and p38MAPK pathways and attenuates acute lung injury induced by lipopolysaccharide in mice. International Immunopharmacology, 2013, 15, 240-245. | 3.8 | 61 |
| 18 | Ruscogenin inhibits lipopolysaccharide-induced acute lung injury in mice: Involvement of tissue factor, inducible NO synthase and nuclear factor (NF)-κB. International Immunopharmacology, 2012, 12, 88-93. | 3.8 | 60 |

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|----|--|-----|-----------|
| 19 | Synthesis and inÂvitro antitumor evaluation of dihydroartemisinin-cinnamic acid ester derivatives. European Journal of Medicinal Chemistry, 2016, 107, 192-203. | 5.5 | 59 |
| 20 | Captopril attenuates TAC-induced heart failure via inhibiting Wnt3a/β-catenin and Jak2/Stat3 pathways. Biomedicine and Pharmacotherapy, 2019, 113, 108780. | 5.6 | 57 |
| 21 | Targeted Myocardial Hypoxia Imaging Using a Nitroreductase-Activatable Near-Infrared Fluorescent Nanoprobe. Analytical Chemistry, 2019, 91, 6585-6592. | 6.5 | 52 |
| 22 | Comparative studies on the constituents of ophiopogonis tuber and its congeners. VI. Studies on the constituents of the subterranean part of Liriope spicata var. prolifera and L. muscari. (1) Chemical and Pharmaceutical Bulletin, 1990, 38, 1931-1935. | 1.3 | 51 |
| 23 | Characterization of homoisoflavonoids in different cultivation regions of Ophiopogon japonicus and related antioxidant activity. Journal of Pharmaceutical and Biomedical Analysis, 2010, 52, 757-762. | 2.8 | 51 |
| 24 | Iridoid and phenylpropanoid glycosides from Scrophularia ningpoensis Hemsl. and their α-Glucosidase inhibitory activities. Fìtoterapìâ, 2014, 93, 67-73. | 2.2 | 50 |
| 25 | Inhibitory effects of ethanol extract from Radix Ophiopogon japonicus on venous thrombosis linked with its endothelium-protective and anti-adhesive activities. Vascular Pharmacology, 2005, 43, 157-163. | 2.1 | 49 |
| 26 | Berberine inhibits LPS-induced TF procoagulant activity and expression through NF-κB/p65, Akt and MAPK pathway in THP-1 cells. Pharmacological Reports, 2014, 66, 480-484. | 3.3 | 49 |
| 27 | Artemisinin-Based Smart Nanomedicines with Self-Supply of Ferrous Ion to Enhance Oxidative Stress for Specific and Efficient Cancer Treatment. ACS Applied Materials & (Interfaces, 2019, 11, 29490-29497. | 8.0 | 46 |
| 28 | The Saponin Monomer of Dwarf Lilyturf Tuber, DT-13, Reduces Human Breast Cancer Cell Adhesion and Migration during Hypoxia via Regulation of Tissue Factor. Biological and Pharmaceutical Bulletin, 2010, 33, 1192-1198. | 1.4 | 44 |
| 29 | Simultaneous determination of puerarin, daidzin, daidzein, paeoniflorin, albiflorin, liquiritin and liquiritigenin in rat plasma and its application to a pharmacokinetic study of Ge-Gen Decoction by a liquid chromatography–electrospray ionization-tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis. 2014, 95, 76-84. | 2.8 | 44 |
| 30 | Identification of schisandrin as a vascular endothelium protective component in YiQiFuMai Powder Injection using HUVECs binding and HPLC-DAD-Q-TOF-MS/MS analysis. Journal of Pharmacological Sciences, 2015, 129, 1-8. | 2.5 | 43 |
| 31 | Limb Remote Ischemic Postconditioning Reduces Ischemia-Reperfusion Injury by Inhibiting NADPH Oxidase Activation and MyD88-TRAF6-P38MAP-Kinase Pathway of Neutrophils. International Journal of Molecular Sciences, 2016, 17, 1971. | 4.1 | 43 |
| 32 | Ginsenoside Rg1 Protects against Oxidative Stress-induced Neuronal Apoptosis through Myosin IIA-actin Related Cytoskeletal Reorganization. International Journal of Biological Sciences, 2016, 12, 1341-1356. | 6.4 | 42 |
| 33 | Schizandrin Protects against OGD/R-Induced Neuronal Injury by Suppressing Autophagy: Involvement of the AMPK/mTOR Pathway. Molecules, 2019, 24, 3624. | 3.8 | 40 |
| 34 | Microbial transformation of three bufadienolides by Nocardia sp. and some insight for the cytotoxic structure–activity relationship (SAR). Bioorganic and Medicinal Chemistry Letters, 2007, 17, 6062-6065. | 2.2 | 39 |
| 35 | Ruscogenin glycoside (Lm-3) isolated from Liriope muscari improves liver injury by dysfunctioning liver-infiltrating lymphocytes. Journal of Pharmacy and Pharmacology, 2010, 53, 681-688. | 2.4 | 39 |
| 36 | The protective effects of Ribes diacanthum Pall on cisplatin-induced nephrotoxicity in mice. Journal of Ethnopharmacology, 2016, 178, 297-306. | 4.1 | 39 |

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|----|---|------|-----------|
| 37 | Myosin IIA-related Actomyosin Contractility Mediates Oxidative Stress-induced Neuronal Apoptosis. Frontiers in Molecular Neuroscience, 2017, 10, 75. | 2.9 | 39 |
| 38 | DC32, a Dihydroartemisinin Derivative, Ameliorates Collagen-Induced Arthritis Through an Nrf2-p62-Keap1 Feedback Loop. Frontiers in Immunology, 2018, 9, 2762. | 4.8 | 39 |
| 39 | DT-13 suppresses MDA-MB-435 cell adhesion and invasion by inhibiting MMP-2/9 via the p38 MAPK pathway. Molecular Medicine Reports, 2012, 6, 1121-1125. | 2.4 | 37 |
| 40 | Cardioprotection by combination of three compounds from ShengMai preparations in mice with myocardial ischemia/reperfusion injury through AMPK activation-mediated mitochondrial fission. Scientific Reports, 2016, 6, 37114. | 3.3 | 37 |
| 41 | Simultaneous inhibition of NMDA and mGlu1/5 receptors by <i>levo</i> â€corydalmine in rat spinal cord attenuates bone cancer pain. International Journal of Cancer, 2017, 141, 805-815. | 5.1 | 34 |
| 42 | An artemisinin-mediated ROS evolving and dual protease light-up nanocapsule for real-time imaging of lysosomal tumor cell death. Biosensors and Bioelectronics, 2017, 92, 724-732. | 10.1 | 34 |
| 43 | Advances in the antitumor activities and mechanisms of action of steroidal saponins. Chinese Journal of Natural Medicines, 2018, 16, 732-748. | 1.3 | 34 |
| 44 | A cancer-specific activatable theranostic nanodrug for enhanced therapeutic efficacy via amplification of oxidative stress. Theranostics, 2020, 10, 371-383. | 10.0 | 34 |
| 45 | A new sol–gel silica nanovehicle preparation for photodynamic therapy in vitro. International Journal of Pharmaceutics, 2010, 386, 131-137. | 5.2 | 33 |
| 46 | Quantitative analysis of highly similar salvianolic acids with 1 H qNMR for quality control of traditional Chinese medicinal preparation Salvianolate Lyophilized Injection. Journal of Pharmaceutical and Biomedical Analysis, 2016, 124, 281-287. | 2.8 | 33 |
| 47 | Steroidal glycosides from the subterranean parts of Liriope spicata var. prolifera. Phytochemistry, 1996, 43, 201-206. | 2.9 | 32 |
| 48 | Evaluation of the anti-inflammatory and analgesic activities of Liu-Shen-Wan and its individual fractions. Journal of Ethnopharmacology, 2007, 112, 108-114. | 4.1 | 32 |
| 49 | Cocktail of Four Active Components Derived from Sheng Mai San Inhibits Hydrogen Peroxide-Induced PC12 Cell Apoptosis Linked with the Caspase-3/ROCK1/MLC Pathway. Rejuvenation Research, 2015, 18, 517-527. | 1.8 | 32 |
| 50 | YiQiFuMai Powder Injection attenuates coronary artery ligation-induced myocardial remodeling and heart failure through modulating MAPKs signaling pathway. Journal of Ethnopharmacology, 2017, 202, 67-77. | 4.1 | 32 |
| 51 | Two new benzofuran derivatives with anti-inflammatory activity from Liriope spicata var. prolifera. FìtoterapĂ¬Ă¢, 2011, 82, 190-192. | 2.2 | 31 |
| 52 | Rational synthesis of hierarchical magnetic mesoporous silica microspheres with tunable mesochannels for enhanced enzyme immobilization. Chemical Communications, 2017, 53, 8902-8905. | 4.1 | 31 |
| 53 | YiQiFuMai Powder Injection Attenuates Coronary Artery Ligation-Induced Heart Failure Through Improving Mitochondrial Function via Regulating ROS Generation and CaMKII Signaling Pathways. Frontiers in Pharmacology, 2019, 10, 381. | 3.5 | 31 |
| 54 | YiQiFuMai Powder Injection Protects against Ischemic Stroke via Inhibiting Neuronal Apoptosis and PKC <i>δ</i> /Drp1-Mediated Excessive Mitochondrial Fission. Oxidative Medicine and Cellular Longevity, 2017, 1-17. | 4.0 | 30 |

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| 55 | Ruscogenin alleviates LPS-induced pulmonary endothelial cell apoptosis by suppressing TLR4 signaling. Biomedicine and Pharmacotherapy, 2020, 125, 109868. | 5.6 | 30 |
| 56 | Reverse tracing anti-thrombotic active ingredients from dried Rehmannia Radix based on multidimensional spectrum-effect relationship analysis of steaming and drying for nine cycles. Journal of Ethnopharmacology, 2021, 276, 114177. | 4.1 | 30 |
| 57 | Liu-Shen-Wan, a traditional Chinese medicine, improves survival in sepsis induced by cecal ligation and puncture via reducing TNF-α levels, MDA content and enhancing macrophage phagocytosis. International Immunopharmacology, 2006, 6, 1355-1362. | 3.8 | 29 |
| 58 | Study on the radical scavengers in the traditional Chinese medicine formula Shengmai San by HPLC–DAD coupled with chemiluminescence (CL) and ESI–MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2010, 52, 438-445. | 2.8 | 29 |
| 59 | Ruscogenin attenuates monocrotaline-induced pulmonary hypertension in rats. International Immunopharmacology, 2013, 16, 7-16. | 3.8 | 29 |
| 60 | Novel dihydroartemisinin derivative DHA-37 induces autophagic cell death through upregulation of HMGB1 in A549 cells. Cell Death and Disease, 2018, 9, 1048. | 6.3 | 29 |
| 61 | Levo <i>-</i> corydalmine attenuates microglia activation and neuropathic pain by suppressing ASK1-p38 MAPK/NF-I [®] B signaling pathways in rat spinal cord. Regional Anesthesia and Pain Medicine, 2020, 45, 219-229. | 2.3 | 29 |
| 62 | Tetrahydroberberrubine attenuates lipopolysaccharide-induced acute lung injury by down-regulating MAPK, AKT, and NF-1ºB signaling pathways. Biomedicine and Pharmacotherapy, 2016, 82, 489-497. | 5.6 | 28 |
| 63 | Shengmai injection attenuates the cerebral ischemia/reperfusion induced autophagy via modulation of the AMPK, mTOR and JNK pathways. Pharmaceutical Biology, 2016, 54, 2288-2297. | 2.9 | 28 |
| 64 | Extract of Sheng-Mai-San Ameliorates Myocardial Ischemia-Induced Heart Failure by Modulating Ca2+-Calcineurin-Mediated Drp1 Signaling Pathways. International Journal of Molecular Sciences, 2017, 18, 1825. | 4.1 | 28 |
| 65 | Comparisons of antithrombosis, hematopoietic effects and chemical profiles of dried and rice wine-processed Rehmanniae Radix extracts. Journal of Ethnopharmacology, 2019, 231, 394-402. | 4.1 | 28 |
| 66 | New approaches to the structural modification of olean-type pentacylic triterpenes via microbial oxidation and glycosylation. Tetrahedron, 2011, 67, 4206-4211. | 1.9 | 27 |
| 67 | Chemical and microbial semi-synthesis of tetrahydroprotoberberines as inhibitors on tissue factor procoagulant activity. Bioorganic and Medicinal Chemistry, 2013, 21, 62-69. | 3.0 | 27 |
| 68 | Active components in Ephedra sinica stapf disrupt the interaction between ACE2 and SARS-CoV-2 RBD: Potent COVID-19 therapeutic agents. Journal of Ethnopharmacology, 2021, 278, 114303. | 4.1 | 27 |
| 69 | Direct microbial-catalyzed asymmetric α-hydroxylation of betulonic acid by Nocardia sp. NRRL 5646. Tetrahedron Letters, 2009, 50, 2193-2195. | 1.4 | 26 |
| 70 | Ruscogenin glycoside (Lm-3) isolated from Liriope muscari inhibits lymphocyte adhesion to extracellular matrix. Journal of Pharmacy and Pharmacology, 2010, 54, 959-965. | 2.4 | 26 |
| 71 | Steroidal sapogenins and glycosides from the fibrous roots of Polygonatum odoratum with inhibitory effect on tissue factor (TF) procoagulant activity. Steroids, 2014, 89, 1-10. | 1.8 | 26 |
| 72 | Qualitative and Quantitative Analysis of Phenolic Compounds in the Leaves of <i>Aquilaria sinensis</i> Using Liquid Chromatography–Mass Spectrometry. Phytochemical Analysis, 2013, 24, 349-356. | 2.4 | 25 |

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| 73 | YiQiFuMai Powder Injection ameliorates the oxygen-glucose deprivation-induced brain microvascular endothelial barrier dysfunction associated with the NF-κB and ROCK1/MLC signaling pathways. Journal of Ethnopharmacology, 2016, 183, 18-28. | 4.1 | 25 |
| 74 | Metabolic profile and underlying improved bio-activity of Fructus aurantii immaturus by human intestinal bacteria. Food and Function, 2017, 8, 2193-2201. | 4.6 | 25 |
| 75 | YiQiFuMai lyophilized injection attenuates particulate matter-induced acute lung injury in mice via TLR4-mTOR-autophagy pathway. Biomedicine and Pharmacotherapy, 2018, 108, 906-913. | 5.6 | 25 |
| 76 | Exploring the protective effects of schizandrol A in acute myocardial ischemia mice by comprehensive metabolomics profiling integrated with molecular mechanism studies. Acta Pharmacologica Sinica, 2020, 41, 1058-1072. | 6.1 | 25 |
| 77 | Integrating the Polydopamine Nanosphere/Aptamers Nanoplatform with a DNase-I-Assisted Recycling Amplification Strategy for Simultaneous Detection of MMP-9 and MMP-2 during Renal Interstitial Fibrosis. ACS Sensors, 2020, 5, 1119-1125. | 7.8 | 25 |
| 78 | Safety evaluation of steroidal saponin DT-13 isolated from the tuber of Liriope muscari (Decne.) Baily. Food and Chemical Toxicology, 2011, 49, 2243-2251. | 3.6 | 24 |
| 79 | The saponin DT-13 inhibits gastric cancer cell migration through down-regulation of CCR5-CCL5 axis. Chinese Journal of Natural Medicines, 2014, 12, 833-840. | 1.3 | 24 |
| 80 | A peptide-decorated and curcumin-loaded mesoporous silica nanomedicine for effectively overcoming multidrug resistance in cancer cells. RSC Advances, 2017, 7, 16401-16409. | 3.6 | 24 |
| 81 | Dihydroartemisinin derivative DC32 inhibits inflammatory response in osteoarthritic synovium through regulating Nrf2/NF-κB pathway. International Immunopharmacology, 2019, 74, 105701. | 3.8 | 24 |
| 82 | Ruscogenin attenuates particulate matter-induced acute lung injury in mice via protecting pulmonary endothelial barrier and inhibiting TLR4 signaling pathway. Acta Pharmacologica Sinica, 2021, 42, 726-734. | 6.1 | 24 |
| 83 | DT-13, a saponin of dwarf lilyturf tuber, exhibits anti-cancer activity by down-regulating C-C chemokine receptor type 5 and vascular endothelial growth factor in MDA-MB-435 cells. Chinese Journal of Natural Medicines, 2014, 12, 24-29. | 1.3 | 23 |
| 84 | Network pharmacology-based prediction and verification of the molecular targets and pathways for schisandrin against cerebrovascular disease. Chinese Journal of Natural Medicines, 2014, 12, 251-258. | 1.3 | 23 |
| 85 | YiQiFuMai Powder Injection Ameliorates Cerebral Ischemia by Inhibiting Endoplasmic Reticulum Stress-Mediated Neuronal Apoptosis. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-14. | 4.0 | 23 |
| 86 | An integrated antioxidant activity fingerprint for commercial teas based on their capacities to scavenge reactive oxygen species. Food Chemistry, 2017, 237, 645-653. | 8.2 | 23 |
| 87 | Ribes diacanthum Pall (RDP) ameliorates UUO-induced renal fibrosis via both canonical and non-canonical TCF-β signaling pathways in mice. Journal of Ethnopharmacology, 2019, 231, 302-310. | 4.1 | 23 |
| 88 | Inhibition of myosin IIA–actin interaction prevents ischemia/reperfusion induced cardiomyocytes apoptosis through modulating PINK1/Parkin pathway and mitochondrial fission. International Journal of Cardiology, 2018, 271, 211-218. | 1.7 | 22 |
| 89 | Synergistic combination of DT-13 and topotecan inhibits human gastric cancer via myosin IIA-induced endocytosis of EGF receptor <i>in vitro</i> and <i>in vivo</i> . Oncotarget, 2016, 7, 32990-33003. | 1.8 | 22 |
| 90 | Simultaneous Qualitative and Quantitative Analysis of Multiple Chemical Constituents in YiQiFuMai Injection by Ultra-Fast Liquid Chromatography Coupled with Ion Trap Time-of-Flight Mass Spectrometry. Molecules, 2016, 21, 640. | 3.8 | 21 |

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| 91 | Protective Effects and Active Ingredients of Yi-Qi-Fu-Mai Sterile Powder Against Myocardial Oxidative Damage in Mice. Journal of Pharmacological Sciences, 2013, 122, 17-27. | 2.5 | 20 |
| 92 | Steroidal Sapogenins and Glycosides from the Fibrous Roots of <i>Ophiopogon japonicus</i> and <i>Liriope spicata</i> var. <i>prolifera</i> with Anti-inflammatory Activity. Chemical and Pharmaceutical Bulletin, 2015, 63, 187-194. | 1.3 | 20 |
| 93 | YiQiFuMai Powder Injection Attenuates Ischemia/Reperfusion-Induced Myocardial Apoptosis Through AMPK Activation. Rejuvenation Research, 2016, 19, 495-508. | 1.8 | 20 |
| 94 | Risk assessment of supply chain for pharmaceutical excipients with AHP-fuzzy comprehensive evaluation. Drug Development and Industrial Pharmacy, 2016, 42, 676-684. | 2.0 | 20 |
| 95 | A novel multi-hyphenated analytical method to simultaneously determine xanthine oxidase inhibitors and superoxide anion scavengers in natural products. Analytica Chimica Acta, 2017, 984, 124-133. | 5.4 | 20 |
| 96 | Determination of ruscogenin in crude Chinese medicines and biological samples by immunoassay. Analytical and Bioanalytical Chemistry, 2006, 386, 1727-1733. | 3.7 | 19 |
| 97 | Mitochondria-targeting photosensitizer-encapsulated amorphous nanocage as a bimodal reagent for drug delivery and biodiagnose in vitro. Biomedical Microdevices, 2010, 12, 655-663. | 2.8 | 19 |
| 98 | New features on the fragmentation patterns of homoisoflavonoids in <i>Ophiopogon japonicus</i> by highâ€performance liquid chromatography/diodeâ€array detection/electrospray ionization with multiâ€stage tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 2193-2206. | 1.5 | 19 |
| 99 | Endothelial Conditional Knockdown of NMMHC IIA (Nonmuscle Myosin Heavy Chain IIA) Attenuates Blood-Brain Barrier Damage During Ischemia-Reperfusion Injury. Stroke, 2021, 52, 1053-1064. | 2.0 | 19 |
| 100 | Ruscogenin Alleviates Myocardial Ischemia-Induced Ferroptosis through the Activation of BCAT1/BCAT2. Antioxidants, 2022, 11, 583. | 5.1 | 19 |
| 101 | Rapid quantitative analysis of adulterant <i>Lonicera</i> species in preparations of Lonicerae Japonicae Flos. Journal of Separation Science, 2015, 38, 4014-4020. | 2.5 | 18 |
| 102 | Selective blockade of spinal D2DR by levo-corydalmine attenuates morphine tolerance via suppressing PI3K/Akt-MAPK signaling in a MOR-dependent manner. Experimental and Molecular Medicine, 2018, 50, 1-12. | 7.7 | 18 |
| 103 | Synergistic nourishing †Yin' effect of iridoid and phenylpropanoid glycosides from Radix Scrophulariae in vivo and in vitro. Journal of Ethnopharmacology, 2020, 246, 112209. | 4.1 | 18 |
| 104 | MrgprX2 regulates mast cell degranulation through PI3K/AKT and PLCÎ ³ signaling in pseudo-allergic reactions. International Immunopharmacology, 2022, 102, 108389. | 3.8 | 18 |
| 105 | Regio- and enantio-selective glycosylation of tetrahydroprotoberberines by Gliocladium deliquescens NRRL1086 resulting in unique alkaloidal glycosides. Applied Microbiology and Biotechnology, 2012, 93, 2357-2364. | 3.6 | 17 |
| 106 | Integrated chemometric fingerprints of antioxidant activities and HPLC–DAD–CL for assessing the quality of the processed roots of Polygonum multiflorum Thunb. (Heshouwu). Chinese Medicine, 2016, 11, 18. | 4.0 | 17 |
| 107 | Synthesis and cytotoxicity of novel artemisinin derivatives containing sulfur atoms. European Journal of Medicinal Chemistry, 2016, 123, 763-768. | 5.5 | 17 |
| 108 | Screening inhibitors of xanthine oxidase from natural products using enzyme immobilized magnetic beads by highâ€performance liquid chromatography coupled with tandem mass spectrometry. Journal of Separation Science, 2017, 40, 1877-1886. | 2.5 | 17 |

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| 109 | Prediction of Drug-Induced Nephrotoxicity with a Hydroxyl Radical and Caspase Light-Up Dual-Signal Nanoprobe. Analytical Chemistry, 2018, 90, 3556-3562. | 6.5 | 17 |
| 110 | Screening and identification of potential active components in Ophiopogonis Radix against atherosclerosis by biospecific cell extraction. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1133, 121817. | 2.3 | 17 |
| 111 | Huangkui Capsule Ameliorates Renal Fibrosis in a Unilateral Ureteral Obstruction Mouse Model Through TRPC6 Dependent Signaling Pathways. Frontiers in Pharmacology, 2020, 11, 996. | 3.5 | 17 |
| 112 | NMMHC IIA triggers neuronal autophagic cell death by promoting F-actin-dependent ATG9A trafficking in cerebral ischemia/reperfusion. Cell Death and Disease, 2020, 11, 428. | 6.3 | 17 |
| 113 | Application of pyrolysis-high-resolution gas chromatography-pattern recognition to the identification of the Chinese traditional medicine Mai Dong. Journal of Chromatography A, 1990, 514, 287-292. | 3.7 | 16 |
| 114 | YiQiFuMai powder injection ameliorates blood–brain barrier dysfunction and brain edema after focal cerebral ischemia–reperfusion injury in mice. Drug Design, Development and Therapy, 2016, 10, 315. | 4.3 | 16 |
| 115 | Comprehensive screening and identification of natural inducible nitric oxide synthase inhibitors from Radix Ophiopogonis by off-line multi-hyphenated analyses. Journal of Chromatography A, 2019, 1592, 55-63. | 3.7 | 16 |
| 116 | Effect of traditional Chinese medicine formula GeGen decoction on primary dysmenorrhea: A randomized controlled trial study. Journal of Ethnopharmacology, 2020, 261, 113053. | 4.1 | 16 |
| 117 | Oxoeicosanoid receptor inhibition alleviates acute myocardial infarction through activation of BCAT1. Basic Research in Cardiology, 2021, 116, 3. | 5.9 | 16 |
| 118 | Renal-clearable and biodegradable black phosphorus quantum dots for photoacoustic imaging of kidney dysfunction. Analytica Chimica Acta, 2022, 1204, 339737. | 5.4 | 16 |
| 119 | Two new steroidal glycosides from Ophiopogon japonicus. Chinese Chemical Letters, 2008, 19, 1086-1088. | 9.0 | 15 |
| 120 | Quantification of limonin in human urine using solid-phase extraction by LC–MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 907, 163-167. | 2.3 | 15 |
| 121 | Screening and identifying the myocardial-injury protective ingredients from Sheng-Mai-San. Pharmaceutical Biology, 2013, 51, 1219-1227. | 2.9 | 15 |
| 122 | Anti-thrombotic activity of DT-13, a saponin isolated from the root tuber of Liriope muscari. Indian Journal of Pharmacology, 2013, 45, 283. | 0.7 | 15 |
| 123 | Point-of-care testing of MicroRNA based on personal glucose meter and dual signal amplification to evaluate drug-induced kidney injury. Analytica Chimica Acta, 2020, 1112, 72-79. | 5.4 | 15 |
| 124 | Determination and pharmacokinetics of DT-13 in rat plasma by LC–MS. Journal of Pharmaceutical and Biomedical Analysis, 2011, 56, 650-654. | 2.8 | 14 |
| 125 | Mice Exposed to Chronic Intermittent Hypoxia Simulate Clinical Features of Deficiency of both Qi and Yin Syndrome in Traditional Chinese Medicine. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-7. | 1.2 | 14 |
| 126 | Sheng-Mai-San attenuates contractile dysfunction and structural damage induced by chronic intermittent hypoxia in mice. Chinese Journal of Natural Medicines, 2015, 13, 743-750. | 1.3 | 14 |

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|-----|---|------|-----------|
| 127 | Protective effect of the extract of Yi-Qi-Fu-Mai preparation on hypoxia-induced heart injury in mice. Chinese Journal of Natural Medicines, 2016, 14, 401-406. | 1.3 | 14 |
| 128 | The protective effects of Thalictrum minus L. on lipopolysaccharide-induced acute lung injury. Journal of Ethnopharmacology, 2020, 248, 112355. | 4.1 | 14 |
| 129 | Integrating qualitative and quantitative characterization of Prunellae Spica by HPLC-QTOF/MS and HPLC-ELSD. Chinese Journal of Natural Medicines, 2016, 14, 391-400. | 1.3 | 14 |
| 130 | Determination of Phenolic Acids in Danshen Preparations by LC with Chemiluminescence Detection. Chromatographia, 2009, 69, 319-323. | 1.3 | 13 |
| 131 | Ruscogenin Mainly Inhibits Nuclear Factor-κB but Not Akt and Mitogen-Activated Protein Kinase Signaling Pathways in Human Umbilical Vein Endothelial Cells. Journal of Pharmacological Sciences, 2010, 113, 409-413. | 2.5 | 13 |
| 132 | Ophiopogonin-D suppresses MDA-MB-435 cell adhesion and invasion by inhibiting matrix metalloproteinase-9. Molecular Medicine Reports, 2015, 12, 1493-1498. | 2.4 | 13 |
| 133 | Biotransformation of quercetin by Gliocladium deliquescens NRRL 1086. Chinese Journal of Natural Medicines, 2017, 15, 615-624. | 1.3 | 13 |
| 134 | Ribemansides A and B, TRPC6 Inhibitors from <i>Ribes manshuricum</i> That Suppress TGF-β1-Induced Fibrogenesis in HK-2 Cells. Journal of Natural Products, 2018, 81, 913-917. | 3.0 | 13 |
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