Wenling Yang

List of Publications by Year
in descending order

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Version: 2024-02-01

180	3,219	159585 30	289244 40
papers	citations	h-index	g-index

180	180	180	3851
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Study of Steaming Durations and Temperatures on the Chemical Characterization, Neuroprotective, and Antioxidant Activities of Panax notoginseng. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-13.	1.2	4
2	The Biological Fate of Pharmaceutical Excipient Î²-Cyclodextrin: Pharmacokinetics, Tissue Distribution, Excretion, and Metabolism of Î²-Cyclodextrin in Rats. Molecules, 2022, 27, 1138.	3.8	10
3	Uncovering the mechanisms of dandelion against triple-negative breast cancer using a combined network pharmacology, molecular pharmacology and metabolomics approach. Phytomedicine, 2022, 99, 153986.	5.3	16
4	Isotope labelled in suit derivatization-extraction integrated system for amine/phenol submetabolome analysis based on nanoconfinement effect: Application to lung cancer. Journal of Chromatography A, 2022, 1670, 462954.	3.7	2
5	Nanoconfined liquid phase nanoextraction combined with in-fiber derivatization for simultaneous quantification of seventy amino-containing metabolites in plasma by LC-MS/MS: Exploration of lung cancer screening model. Talanta, 2022, 245, 123452.	5.5	4
6	Material Basis Elucidation and Quantification of Dandelion through Spectrumâ€“Effect Relationship Study between UHPLC Fingerprint and Antioxidant Activity via Multivariate Statistical Analysis. Molecules, 2022, 27, 2632.	3.8	4
7	Chemical characteristics of Rhodiola Crenulata and its mechanism in acute mountain sickness using UHPLC-Q-TOF-MS/MS combined with network pharmacology analysis. Journal of Ethnopharmacology, 2022, 294, 115345.	4.1	6
8	The protective effect of Xanthoceras sorbifolia Bunge husks on cognitive disorder based on metabolomics and gut microbiota analysis. Journal of Ethnopharmacology, 2021, 279, 113094.	4.1	8
9	Nephrotoxicity of Immune Checkpoint Inhibitors: A Disproportionality Analysis from 2013 to 2020. Tohoku Journal of Experimental Medicine, 2021, 254, 275-282.	1.2	3
10	A systematic strategy for uncovering quality marker of Asari Radix et Rhizoma on alleviating inflammation based chemometrics analysis of components. Journal of Chromatography A, 2021, 1642, 461960.	3.7	2
11	An Effective Workflow for Differentiating the Same Genus Herbs of Chrysanthemum morifolium Flower and Chrysanthemum Indicum Flower. Frontiers in Pharmacology, 2021, 12, 575726.	3.5	6
12	Development of an LCâ€MS/MS method for simultaneous quantitative analysis of macromolecular pharmaceutical adjuvant 2â€hydroxypropylâ€Î²â€cyclodextrin and active pharmaceutical ingredients butylphthalide in rat plasma. Journal of Separation Science, 2021, 44, 2680-2692.	2.5	2
13	Simultaneous quantification of five bioactive 16-deoxybarringtogenol C triterpenoid saponins in rat plasma by HPLC-MS: Application to a pharmacokinetic study after oral administration of Xanthoceras sorbifolia Bunge husks extract. Acta Chromatographica, 2021, 33, 338-344.	1.3	1
14	Across-polarity quantification method for broad metabolome coverage based on consecutive nanoconfined liquid phase nanoextraction technology: Application in discovering the plasma potential biomarkers of different types of cancer. Analytica Chimica Acta, 2021, 1167, 338577.	5.4	2
15	An Integrated Mutually Oriented â€œChemical Profilingâ€“Pharmaceutical Effectâ€•Strategy for Screening Discriminating Markers of Underlying Hepatoprotective Effects to Distinguish Garden-Cultivated from Mountain-Cultivated Ginseng. Molecules, 2021, 26, 5456.	3.8	4
16	Schisandra chinensis protects against dopaminergic neuronal oxidative stress, neuroinflammation and apoptosis via the BDNF/Nrf2/NF-Îºb pathway in 6-OHDA-induced Parkinson's disease mice. Food and Function, 2021, 12, 4079-4091.	4.6	16
17	Based on Multi-Activity Integrated Strategy to Screening, Characterization and Quantification of Bioactive Compounds from Red Wine. Molecules, 2021, 26, 6750.	3.8	4
18	Application of UHPLC Fingerprints Combined with Chemical Pattern Recognition Analysis in the Differentiation of Six Rhodiola Species. Molecules, 2021, 26, 6855.	3.8	6

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19	Integrated DIA proteomics and lipidomics analysis on non-small cell lung cancer patients with TCM syndromes. Chinese Medicine, 2021, 16, 126.	4.0	7
20	Chemical Pattern Recognition for Quality Analysis of Lonicerae Japonicae Flos and Lonicerae Flos Based on Ultra-High Performance Liquid Chromatography and Anti-SARS-CoV2 Main Protease Activity. Frontiers in Pharmacology, 2021, 12, 810748.	3.5	4
21	A new oleanane type pentacyclic triterpenoid saponin from the husks of xanthoceras sorbifolium bunge and its neuroprotection on PC12 cells injury induced by AÎ²₂₅₋₃₅. Natural Product Research, 2020, 34, 3212-3218.	1.8	5
22	Comparative pharmacokinetic study of the components in Alpinia oxyphylla Miq.-Schisandra chinensis (Turcz.) Baill. herb pair and its single herb between normal and Alzheimerâ€™s disease rats by UPLC-MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2020, 177, 112874.	2.8	34
23	Antidepressant effects of a polysaccharide from okra (Abelmoschus esculentus (L) Moench) by anti-inflammation and rebalancing the gut microbiota. International Journal of Biological Macromolecules, 2020, 144, 427-440.	7.5	64
24	A systematic strategy for screening therapeutic constituents of Schisandra chinensis (Turcz.) Baill infiltrated bloodâ€“brain barrier oriented in lesions using ethanol and water extracts: a novel perspective for exploring chemical material basis of herb medicines. Acta Pharmaceutica Sinica B, 2020, 10, 557-568.	12.0	16
25	Okra polysaccharides can reverse the metabolic disorder induced by high-fat diet and cognitive function injury in AÎ²1â€“42 mice. Experimental Gerontology, 2020, 130, 110802.	2.8	15
26	Multifunctional isotopic standards based steroidomics strategy: Exploration of cancer screening model. Journal of Chromatography A, 2020, 1614, 460723.	3.7	8
27	Integrated study of metabolomics and gut metabolic activity from ulcerative colitis to colorectal cancer: The combined action of disordered gut microbiota and linoleic acid metabolic pathway might fuel cancer. Journal of Chromatography A, 2020, 1629, 461503.	3.7	38
28	A stepwise integrated multi-system to screen quality markers of Chinese classic prescription Qingzao Jiufei decoction on the treatment of acute lung injury by combining â€˜network pharmacology-metabolomics-PK/PD modelingâ€™. Phytomedicine, 2020, 78, 153313.	5.3	22
29	Antidepressant-like effects of Schisandrin on lipopolysaccharide-induced mice : Gut microbiota, short chain fatty acid and TLR4/NF-Î°B signaling pathway. International Immunopharmacology, 2020, 89, 107029.	3.8	21
30	Time-dependent metabolomics study of cerebral ischemiaâ€“reperfusion and its treatment: focus on the combination of traditional Chinese medicine and Western medicine. Analytical and Bioanalytical Chemistry, 2020, 412, 7195-7209.	3.7	7
31	â€œModelingâ€™Predictionâ€•Strategy for Deep Profiling of Lysophosphatidic Acids by Liquid Chromatographyâ€™Mass Spectrometry: Exploration Biomarkers of Breast Cancer. Journal of Chromatography A, 2020, 1634, 461634.	3.7	3
32	Retracted : Salidroside from Rhodiola wallichiana var. cholaensis reverses insulin resistance and stimulates the GLPâ€1 secretion by alleviating ROSâ€mediated activation of MAPKs signaling pathway and mitigating apoptosis. Journal of Food Biochemistry, 2020, 44, e13446.	2.9	4
33	Alpinia oxyphyllaâ€“Schisandra chinensis Herb Pair Alleviates Amyloid-Î² Induced Cognitive Deficits via PI3K/Akt/Gsk-3Î²/CREB Pathway. NeuroMolecular Medicine, 2020, 22, 370-383.	3.4	5
34	Acute lung injury therapeutic mechanism exploration for Chinese classic prescription Qingzao Jiufei Decoction by UFLC-MS/MS quantification of bile acids, fatty acids and eicosanoids in rats. Journal of Pharmaceutical and Biomedical Analysis, 2020, 189, 113463.	2.8	11
35	Untargeted metabolomic study on the insomnia effect of Suanâ€Zaoâ€Ren decoction in the rat serum and brain using ultraâ€highâ€performance liquid chromatography quadrupole timeâ€ofâ€flight mass spectrometry combined with data processing analysis. Journal of Separation Science, 2020, 43, 2019-2030.	2.5	12
36	Metabolomic profile perturbations of serum, lung, bronchoalveolar lavage fluid, spleen and feces in LPS-induced acute lung injury rats based on HPLC-ESI-QTOF-MS. Analytical and Bioanalytical Chemistry, 2020, 412, 1215-1234.	3.7	18

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37	Polysaccharide from Schisandra chinensis acts via LRP-1 to reverse microglia activation through suppression of the NF-ÎºB and MAPK signaling. Journal of Ethnopharmacology, 2020, 256, 112798.	4.1	31
38	Synergistic neuroprotective effect of schisandrin and nootkatone on regulating inflammation, apoptosis and autophagy via the PI3K/AKT pathway. Food and Function, 2020, 11, 2427-2438.	4.6	32
39	Metabolomics analysis of Xanthoceras sorbifolia husks protection of rats against Alzheimer's disease using liquid chromatography mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1126-1127, 121739.	2.3	10
40	Essential oil ofSchisandra chinensisameliorates cognitive decline in mice by alleviating inflammation. Food and Function, 2019, 10, 5827-5842.	4.6	22
41	Simultaneous determination of five active alkaloids from Compound Kushen Injection in rat plasma by LCâ€“MS/MS and its application to a comparative pharmacokinetic study in normal and NSCLC nude rats. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1126-1127, 121734.	2.3	7
42	Combination of schisandrin and nootkatone exerts neuroprotective effect in Alzheimerâ€™s disease mice model. Metabolic Brain Disease, 2019, 34, 1689-1703.	2.9	35
43	Schisantherin B Improves the Pathological Manifestations of Mice Caused by Behavior Desperation in Different Ages-Depression with Cognitive Impairment. Biomolecules and Therapeutics, 2019, 27, 160-167.	2.4	14
44	Classic Prescription, Kai-Xin-San, Ameliorates Alzheimerâ€™s Disease as an Effective Multitarget Treatment: From Neurotransmitter to Protein Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-14.	4.0	15
45	Schisandrae Chinensis Fructus inhibits behavioral deficits induced by sleep deprivation and chronic unpredictable mild stress via increased signaling of brainâ€derived neurotrophic factor. Phytotherapy Research, 2019, 33, 3177-3190.	5.8	24
46	The neuroprotective effect of schisandrol A on 6-OHDA-induced PD mice may be related to PI3K/AKT and IKK/IÎºBÎ±/NF-ÎºB pathway. Experimental Gerontology, 2019, 128, 110743.	2.8	43
47	The anti-nephritic activity of a polysaccharide from okra (Abelmoschus esculentus (L.) Moench) via modulation of AMPK-Sirt1-PGC-1Î± signaling axis mediated anti-oxidative in type 2 diabetes model mice. International Journal of Biological Macromolecules, 2019, 140, 568-576.	7.5	50
48	A Novel Strategy for Targeted Lipidomics Based on LC-Tandem-MS Parameters Prediction, Quantification, and Multiple Statistical Data Mining: Evaluation of Lysophosphatidylcholines as Potential Cancer Biomarkers. Analytical Chemistry, 2019, 91, 3389-3396.	6.5	37
49	Kaempferide prevents cognitive decline via attenuation of oxidative stress and enhancement of brainâ€derived neurotrophic factor/tropomyosin receptor kinase B/cAMP response elementâ€binding signaling pathway. Phytotherapy Research, 2019, 33, 1065-1073.	5.8	36
50	Polysaccharide from Okra (Abelmoschus esculentus (L.) Moench) Improves Antioxidant Capacity via PI3K/AKT Pathways and Nrf2 Translocation in a Type 2 Diabetes Model. Molecules, 2019, 24, 1906.	3.8	91
51	Effect of Alpinia oxyphyllaâ€”Schisandra chinensis herb pair on inflammation and apoptosis in Alzheimer's disease mice model. Journal of Ethnopharmacology, 2019, 237, 28-38.	4.1	29
52	Polysaccharide of Schisandra Chinensis Fructus ameliorates cognitive decline in a mouse model of Alzheimer's disease. Journal of Ethnopharmacology, 2019, 237, 354-365.	4.1	47
53	The internal link of serum steroid hormones levels in insomnia, depression, and Alzheimer's disease rats: Is there an effective way to distinguish among these three diseases based on potential biomarkers?. Journal of Separation Science, 2019, 42, 1833-1841.	2.5	3
54	An integrated strategy for ascertaining quality marker of Schisandra chinensis (Turcz.) Baill based on correlation analysis between depression-related monoaminergic metabolites and chemical components profiling. Journal of Chromatography A, 2019, 1598, 122-131.	3.7	11

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55	Neuroprotective Effects of Spinosin on Recovery of Learning and Memory in a Mouse Model of Alzheimerâ€™s Disease. Biomolecules and Therapeutics, 2019, 27, 71-77.	2.4	24
56	A systematic data screening strategy for comprehensive characterization of chemical components in Suan-Zao-Ren decoction and their metabolic profiles in the plasma and brain of rats using ultra high performance liquid chromatography quadrupole time-of-flight mass spectrometry. Analytical Methods, 2019, 11, 5533-5542.	2.7	3
57	Study on the Multitarget Synergistic Effects of Kai-Xin-San against Alzheimerâ€™s Disease Based on Systems Biology. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	4.0	16
58	Qualitative and quantitative assessment of related substances in the Compound Ketoconazole and Clobetasol Propionate Cream by HPLC-TOF-MS and HPLC. Journal of Pharmaceutical Analysis, 2019, 9, 156-162.	5.3	8
59	Tectochrysin from Alpinia Oxyphylla Miq. alleviates AÎ²1â€“42 induced learning and memory impairments in mice. European Journal of Pharmacology, 2019, 842, 365-372.	3.5	24
60	A UFLCâ€“MS/MS method for the simultaneous determination of eight bioactive constituents from red wine and dealcoholized red wine in rat plasma: Application to a comparative pharmacokinetic study. Biomedical Chromatography, 2019, 33, e4437.	1.7	3
61	An integrated serum and urinary metabonomic research of Rhizoma Curcumae-Rhizoma Sparganii drug pair in hysteromyoma rats based on UPLC-Q-TOF-MS analysis. Journal of Ethnopharmacology, 2019, 231, 374-385.	4.1	34
62	Intracerebroventricular injection of resveratrol ameliorated AÎ²-induced learning and cognitive decline in mice. Metabolic Brain Disease, 2019, 34, 257-266.	2.9	58
63	Quality control of Semen Ziziphi Spinosae standard decoction based on determination of multi-components using TOF-MS/MS and UPLC-PDA technology. Journal of Pharmaceutical Analysis, 2019, 9, 406-413.	5.3	22
64	Arachidonic acid metabonomics study for understanding therapeutic mechanism of Huo Luo Xiao Ling Dan on rat model of rheumatoid arthritis. Journal of Ethnopharmacology, 2018, 217, 205-211.	4.1	21
65	Determination and Pharmacokinetics of WGA in Rat Plasma by LCâ€“MS After Oral Administration of Xanthoceras sorbifolia Bunge Extract. Journal of Chromatographic Science, 2018, 56, 68-73.	1.4	3
66	A time-of-flight mass spectrometry based strategy to fast screen triterpenoids in Xanthoceras sorbifolia Bunge husks for bioactive substances against Alzheimer's disease. RSC Advances, 2018, 8, 14732-14739.	3.6	5
67	Integrated strategy based on highâ€resolution mass spectrometry coupled with multiple data mining techniques for the metabolic profiling of Xanthoceras sorbifolia Bunge husks in rat plasma, urine, and feces. Journal of Separation Science, 2018, 41, 2846-2853.	2.5	6
68	Development of a systematic strategy for the global identification and classification of the chemical constituents and metabolites of Kaiâ€Xinâ€San based on liquid chromatography with quadrupole timeâ€ofâ€flight mass spectrometry combined with multiple dataâ€processing approaches. Journal of Separation Science, 2018, 41, 2672-2680.	2.5	15
69	The investigation of immunoprotective and sedative hypnotic effect of total polysaccharide from Suanzaoren decoction by serum metabonomics approach. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1086, 29-37.	2.3	14
70	Protective effects of Alpinae Oxyphyllae Fructus extracts on lipopolysaccharide-induced animal model of Alzheimer's disease. Journal of Ethnopharmacology, 2018, 217, 98-106.	4.1	41
71	Identification of the absorbed components and metabolites of modified Huo Luo Xiao Ling Dan in rat plasma by UHPLCâ€Qâ€TOF/MS/MS. Biomedical Chromatography, 2018, 32, e4195.	1.7	4
72	Ameliorating effect of Alpinia oxyphyllaâ€”Schisandra chinensis herb pair on cognitive impairment in a mouse model of Alzheimerâ€™s disease. Biomedicine and Pharmacotherapy, 2018, 97, 128-135.	5.6	24

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73	Neuroprotective effects of nootkatone from Alpiniae oxyphyllae Fructus against amyloid-Î²-induced cognitive impairment. Metabolic Brain Disease, 2018, 33, 251-259.	2.9	40
74	Simultaneous determination of phenolic acids and diterpenoids and their comparative pharmacokinetic study in normal and acute blood stasis rats by UFLCâ€“MS/MS after oral administration of Guan-Xin-Shu-Tong capsules. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1072, 221-228.	2.3	10
75	GCâ€“MS method for determination and pharmacokinetic study of seven volatile constituents in rat plasma after oral administration of the essential oil of Rhizoma Curcumae. Journal of Pharmaceutical and Biomedical Analysis, 2018, 149, 577-585.	2.8	27
76	Rapid HPLC-ESI-MS/MS Analysis of Neurotransmitters in the Brain Tissue of Alzheimerâ€™s Disease Rats before and after Oral Administration of Xanthoceras sorbifolia Bunge. Molecules, 2018, 23, 3111.	3.8	9
77	Targeted Neurotransmitters Profiling Identifies Metabolic Signatures in Rat Brain by LC-MS/MS: Application in Insomnia, Depression and Alzheimerâ€™s Disease. Molecules, 2018, 23, 2375.	3.8	36
78	Highly Sensitive Quantification Method for Amine Submetabolome Based on AQC-Labeled-LC-Tandem-MS and Multiple Statistical Data Mining: A Potential Cancer Screening Approach. Analytical Chemistry, 2018, 90, 11941-11948.	6.5	16
79	Quantification of polyphenol composition and multiple statistical analyses of biological activity in Portuguese red wines. European Food Research and Technology, 2018, 244, 2007-2017.	3.3	4
80	Development and full validation of a liquid chromatography-tandem mass spectrometry method for determination of carbinoxamine in beagle plasma and its application to a pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1093-1094, 183-189.	2.3	7
81	Potential of near infrared spectroscopy and pattern recognition for rapid discrimination and quantification of Gleditsia sinensis thorn powder with adulterants. Journal of Pharmaceutical and Biomedical Analysis, 2018, 160, 64-72.	2.8	23
82	Nootkatone, a neuroprotective agent from Alpiniae Oxyphyllae Fructus, improves cognitive impairment in lipopolysaccharide-induced mouse model of Alzheimer's disease. International Immunopharmacology, 2018, 62, 77-85.	3.8	65
83	Quantitative metabolomics for investigating the value of polyamines in the early diagnosis and therapy of colorectal cancer. Oncotarget, 2018, 9, 4583-4592.	1.8	16
84	Vortexâ€ultrasoundâ€assisted dispersive liquidâ€“liquid microextraction coupled with gas chromatographyâ€“mass spectrometry for the analysis of volatile bioactive components and comparative pharmacokinetic study of the herbâ€“herb interactions in Guanxin Shutong Capsule. Journal of Separation Science, 2017, 40, 3267-3278.	2.5	9
85	Identification and analysis of chemical constituents and rat serum metabolites in Suan-Zao-Ren granule using ultra high performance liquid chromatography quadrupole time-of-flight mass spectrometry combined with multiple data processing approaches. Journal of Separation Science, 2017, 40, 2914-2924.	2.5	22
86	Development of an ultra-fast liquid chromatographyâ€“tandem mass spectrometry method for simultaneous determination of seven flavonoids in rat plasma: Application to a comparative pharmacokinetic investigation of Ginkgo biloba extract and single pure ginkgo flavonoids after oral administration. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1060, 173-181.	2.3	24
87	Simultaneous quantitative determination of 13 active components in the traditional Chinese medicinal preparation Suanzaoren oral liquid by HPLC coupled with diode array detection and evaporative light scattering detection. Journal of Separation Science, 2017, 40, 2320-2325.	2.5	8
88	Simultaneous determination of multiple active components in rat plasma using ultra-fast liquid chromatography with tandem mass spectrometry and application to a comparative pharmacokinetic study after oral administration of Suan-Zao-Ren decoction and Suan. Journal of Separation Science, 2017, 40, 2097-2106.	2.5	11
89	Ultra-fast liquid chromatography with tandem mass spectrometry determination of eight bioactive components of Kai-Xin-San in rat plasma and its application to a comparative pharmacokinetic study in normal and Alzheimer's disease rats. Journal of Separation Science, 2017, 40, 2131-2140.	2.5	14
90	Quality assessment of Herba Leonuri based on the analysis of multiple components using normalâ€and reversedâ€phase chromatographic methods. Journal of Separation Science, 2017, 40, 4482-4494.	2.5	8

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91	Development of a UPLCâ€“MS/MS method for determination of pimavanserin tartrate in rat plasma: Application to a pharmacokinetic study. Journal of Pharmaceutical Analysis, 2017, 7, 406-410.	5.3	9
92	Schisandrin rescues depressive-like behaviors induced by chronic unpredictable mild stress via GDNF/ERK1/2/ROS and PI3K/AKT/NOX signaling pathways in mice. Psychiatry Research, 2017, 257, 230-237.	3.3	29
93	Antidepressant-like effects and cognitive enhancement of Schisandra chinensis in chronic unpredictable mild stress mice and its related mechanism. Scientific Reports, 2017, 7, 6903.	3.3	51
94	A fast, sensitive, and high throughput method for the determination of esomeprazole in dog plasma by UHPLCâ€“MS/MS: Application to formulation development of the compound preparation of esomeprazole. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1068-1069, 352-357.	2.3	3
95	An integrative investigation of the toxicity of Aconiti kusnezoffii radix and the attenuation effect of its processed drug using a UHPLC-Q-TOF based rat serum and urine metabolomics strategy. Journal of Pharmaceutical and Biomedical Analysis, 2017, 145, 240-247.	2.8	28
96	Influence of pretreatment of piperazine ferulate on pharmacokinetic parameters of methotrexate in methotrexate-induced renal injury model rats by HPLC-MS. Asian Journal of Pharmaceutical Sciences, 2017, 12, 202-208.	9.1	3
97	Targeted profiling of arachidonic acid and eicosanoids in rat tissue by UFLCâ€“MS/MS: Application to identify potential markers for rheumatoid arthritis. Talanta, 2017, 162, 479-487.	5.5	16
98	Investigation of the protective effect of Paeonia lactiflora on Semen Strychni-induced neurotoxicity based on monitoring nine potential neurotoxicity biomarkers in rat serum and brain tissue. Metabolic Brain Disease, 2017, 32, 133-145.	2.9	13
99	Protective Effects of Puerarin against AÎ² 1â€“42-Induced Learning and Memory Impairments in Mice. Planta Medica, 2017, 83, 224-231.	1.3	19
100	Degradation kinetics of larotaxel and identification of its degradation products in alkaline condition. Journal of Pharmaceutical Analysis, 2017, 7, 118-122.	5.3	5
101	Metabolomics Strategy Using High Resolution Mass Spectrometry Reveals Novel Biomarkers and Pain-Relief Effect of Traditional Chinese Medicine Prescription Wu-Zhu-Yu Decoction Acting on Headache Modelling Rats. Molecules, 2017, 22, 2110.	3.8	10
102	Comprehensive Identification of Guan-Xin-Shu-Tong Capsule via a Mass Defect and Fragment Filtering Approach by High Resolution Mass Spectrometry: In Vitro and In Vivo Study. Molecules, 2017, 22, 1007.	3.8	11
103	An Investigation on the Quantitative Structure-Activity Relationships of the Anti-Inflammatory Activity of Diterpenoid Alkaloids. Molecules, 2017, 22, 363.	3.8	12
104	Plasma N-acetylputrescine, cadaverine and 1,3-diaminopropane: potential biomarkers of lung cancer used to evaluate the efficacy of anticancer drugs. Oncotarget, 2017, 8, 88575-88585.	1.8	31
105	Comprehensive Qualitative Ingredient Profiling of Chinese Herbal Formula Wu-Zhu-Yu Decoction via a Mass Defect and Fragment Filtering Approach Using High Resolution Mass Spectrometry. Molecules, 2016, 21, 664.	3.8	25
106	Polyamine Metabolites Profiling for Characterization of Lung and Liver Cancer Using an LC-Tandem MS Method with Multiple Statistical Data Mining Strategies: Discovering Potential Cancer Biomarkers in Human Plasma and Urine. Molecules, 2016, 21, 1040.	3.8	44
107	Schisandra chinensis produces the antidepressant-like effects in repeated corticosterone-induced mice via the BDNF/TrkB/CREB signaling pathway. Psychiatry Research, 2016, 243, 135-142.	3.3	59
108	Identification and determination of the major constituents in Kaiâ€Xinâ€San by UPLCâ€Q/TOF MS and UFLCâ€MS/MS method. Journal of Mass Spectrometry, 2016, 51, 479-490.	1.6	12

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109	Simultaneous Determination of Procaspase Activating Compound 1 and Permeability Markers in Intestinal Perfusion Samples and Application to a Rat Intestinal Absorption Study. Chromatographia, 2016, 79, 1659-1663.	1.3	2
110	Development of a UFLC-MS/MS method for the simultaneous determination of seven tea catechins in rat plasma and its application to a pharmacokinetic study after administration of green tea extract. Journal of Pharmaceutical and Biomedical Analysis, 2016, 125, 229-235.	2.8	14
111	Determination of 6258-70, a new semi-synthetic taxane, in rat plasma and tissues: Application to the pharmacokinetics and tissue distribution study. Journal of Pharmaceutical Analysis, 2016, 6, 219-225.	5.3	3
112	Physiologically based pharmacokinetic model of docetaxel and interspecies scaling: comparison of simple injection with folate receptor-targeting amphiphilic copolymer-modified liposomes. Xenobiotica, 2016, 46, 1093-1104.	1.1	16
113	Antioxidative activity of methyl amygdalinate from the seeds of Prunus persica and neuroprotective effects on AÎ²1â€“42-induced neurodegeneration models. RSC Advances, 2016, 6, 93794-93800.	3.6	2
114	Schisantherin B ameliorates AÎ² 1â€“42 -induced cognitive decline via restoration of GLT-1 in a mouse model of Alzheimer's disease. Physiology and Behavior, 2016, 167, 265-273.	2.1	31
115	Quantitative analysis of biomarkers of liver and kidney injury in serum and urine using ultra-fast liquid chromatography with tandem mass spectrometry coupled with a hydrophilic interaction chromatography column: Application to monitor injury induced by E. Journal of Separation Science, 2016, 39, 3936-3945.	2.5	6
116	An analytical strategy to investigate Semen Strychni nephrotoxicity based on simultaneous HILIC-ESI-MS/MS detection of Semen Strychni alkaloids, tyrosine and tyramine in HEK 293t cell lysates. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1033-1034, 157-165.	2.3	4
117	Simultaneous profiling of eicosanoid metabolome in plasma by UPLCâ€“MS/MS method: Application to identify potential makers for rheumatoid arthritis. Talanta, 2016, 161, 157-164.	5.5	17
118	Timosaponin B-II ameliorates scopolamine-induced cognition deficits by attenuating acetylcholinesterase activity and brain oxidative damage in mice. Metabolic Brain Disease, 2016, 31, 1455-1461.	2.9	34
119	Qualitative screening of absorbed indoloquinazoline alkaloids and their metabolites in rat plasma after the oral administration of Wuâ€Zhuâ€Yu decoction by highâ€resolution mass spectrometry with multiple data mining algorithms. Journal of Separation Science, 2016, 39, 3260-3266.	2.5	9
120	Development of two step liquidâ€“liquid extraction tandem UHPLCâ€“MS/MS method for the simultaneous determination of Ginkgo flavonoids, terpene lactones and nimodipine in rat plasma: Application to the pharmacokinetic study of the combination of Ginkgo biloba dispersible tablets and Nimodipine tablets. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1028, 33-41.	2.3	22
121	Nephrotoxicity evaluation of a new cembrane diterpene from Euphorbiae pekinensis Radix with HEK 293T cells and the toxicokinetics study in rats using a sensitive and reliable UFLCâ€“MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2016, 119, 159-165.	2.8	10
122	Separation and analysis of phenolic acids from Salvia miltiorrhiza and its related preparations by off-line two-dimensional hydrophilic interaction chromatography Ã— reversed-phase liquid chromatography coupled with ion trap time-of-flight mass spectrometry. Journal of Chromatography A, 2016, 1431, 79-88.	3.7	55
123	Lignans from Schisandra chinensis ameliorate cognition deficits and attenuate brain oxidative damage induced by D-galactose in rats. Metabolic Brain Disease, 2016, 31, 653-661.	2.9	28
124	Simultaneous Quantification of 13 Compounds in Guanxin Shutong Capsule by HPLC Method. Journal of Chromatographic Science, 2016, 54, 971-976.	1.4	6
125	Characterization and simultaneous quantification of seven triterpenoid saponins in different parts of Xanthoceras sorbifolia Bunge by HPLC-ESI-TOF. Analytical Methods, 2016, 8, 2176-2184.	2.7	7
126	Determination of tulobuterol in rat plasma using a liquid chromatographyâ€“tandem mass spectrometry method and its application to a pharmacokinetic study of tulobuterol patch. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1008, 108-114.	2.3	3

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