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中医药应用领域技术文章目录

（第一卷）

主要内容

中医药应用领域技术文章目录（第一卷）

目录（应用方向）

一、天然产物鉴定与定量

1. Simultaneous targeted analysis of five active compounds in licorice by ultra-fast liquid chromatography coupled to hybrid linear-ion trap tandem mass spectrometry, Analyst, DOI: 10.1039/c3an02209a影响因子: 3.864

   关键词：甘草；LCMS定量；5种活性成分；MRM-IDA-EPI模式

2. Identification of the effective constituents for anti-inflammatory activity of Ju-Zhi-Jiang-Tang, an ancient traditional Chinese medicine formula, Chromatography A, http://dx.doi.org/10.1016/j.chroma.2014.04.084影响因子: 3.71

   关键词：苣栀姜汤；抗炎活性；成分鉴定（108种）；快速鉴别

3. Polyhydroxytriterpenoids and Phenolic Constituents from Forsythia, J Agric Food Chem, DOI: 10.1021/acs.jafc.5b04509, 影响因子: 3.412

   关键词：连翘；乌尔桑型三萜类化合物；抗氧化活性；LCMS鉴定

4. The influence of light quality on the accumulation of flavonoids in tobacco (Nicotiana tabacum L.) leaves, J photochem photobiol, DOI: 10.1016/j.jphotobiol.2016.07.016, 影响因子: 3.165

   关键词：烟叶；黄酮；次生代谢物；光照影响

5. Organ-Specific Metabolic Shifts of Flavonoids in Scutellaria baicalensis at Different Growth and Development Stages, doi:10.3390/molecules23020428, 影响因子: 3.089

   关键词：黄芩；不同生长阶段；黄酮；PeakView鉴定

6. Rapid separation and identification of multiple constituents in traditional Chinese medicine formula Shenqi Fuzheng Injection by ultra-fast liquid chromatography combined with uadrupole-time-of-flight mass spectrometry, J Pharma Biomed Anal, DOI: 10.1016/j.jpba.2012.10.024, 影响因子: 2.831

关键词：参芪扶正注射液；81种成分鉴定；飞行时间质谱

7. Systematic chemical profiling of Citrus grandis ‘Tomentosa’ by ultra-fast liquid chromatography/diode-array detector/quadrupole time-of-flight tandem mass spectrometry, J Pharma Biomed Anal, DOI: 10.1016/j.jpba.2013.11.030, 影响因子: 2.831

   关键词：大橘；TOF-MS/MS整体定量；黄酮；香豆素；

8. A novel dereplication strategy for the identification of two new trace compounds in the extract of Gastrodia elata using UHPLC/Q-TOF-MS/MS, J Chromatogr B, DOI: 10.1016/j. jchromb.2015.02.020, 影响因子: 2.441

   关键词：天麻；成分鉴定；特征碎片；高分辨质谱

9. Development of an analytical strategy to identify and classify the global chemical constituents of Ziziphi Spinosae Semen by using UHPLC with quadrupole time-of-flight mass spectrometry combined with multiple data-processing approaches, J Sep Sci, DOI: 10.1002/jssc.201800171影响因子: 2.415

   关键词：酸枣仁；成分鉴定；主成分分析；飞行时间质谱

10. Identification and Quantitation of Phenolic Compounds from the Seed and Pomace of Perilla frutescens Using HPLC/PDA andHPLC–ESI/QTOF/MS/MS, Phytochem Anal, DOI 10.1002/pca.2521影响因子: 2.337

    关键词：紫苏渣；酚类化合物；药用替代；标志物

11. Structural Characterisation of Alkaloids in Leaves and Roots of Stephania kwangsiensis by LC-QTOF-MS, Phytochem Anal, DOI 10.1002/pca.2718影响因子: 2.337

    关键词：地不容；生物碱鉴定；主成分分析；飞行时间质谱

12. Characterization and identification of chemical components in Neopicrorhiza scrphulariiflora roots by liquid chromatography-electrospray ionization quadrupole time-of-flight tandem mass spectrometry, Anal Methods, DOI:10.1039/C4AY00157E 影响因子: 2.073

关键词：胡黄连；环烯醚萜类鉴定；质谱裂解途径；质量控制

13. Stepped collisional energy MSAll: an analytical approach for optimal MS/MS acquisition of complex mixture with diverse physicochemical properties, Mass Spectrom, DOI: 10.1002/jms.3751影响因子: 1.970

    关键词：MS all；信息依赖采集；非靶向成分鉴定

14. Chromatographic Retention Assisted Deconvolution of Liqid Chromatography-Mass Spectrometry Chromatogram of natural Products, Anal Sci, DOI:10.2116/analsci.18P365影响因子: 1.355

    关键词：非靶向成分分析；同位素比；黑枸杞

15. Identification and Quantification Analysis on the Chemical Constituents from Traditional Mongolian Medicine Flos Scabiosae Using UHPLC–DAD–Q-TOF-MS Combined with UHPLC–QqQ-MS, J Chromatogr Sci, DOI: 10.1093/chromsci/bmw041影响因子: 1.037

    关键词：红花；多组分分析；LCMS定性；LCMS定量

16. A New UPLC-MS/MS Method for the Characterization and Discrimination of Polysaccharides from Genus Ephedra Based on Enzymatic Digestions, Molecules, DOI:10.3390/molecules22111992影响因子: 3.098

    关键词：麻黄多糖；指纹图谱；主成分分析；定性分析

二、中药复方研究

1. 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 影响因子: 3.098

   关键词：冠心通胶囊；质量亏损扫描；片段过滤扫描；体内体外化合物鉴定

2. Characterization of the chemical constituents in Da-Huang-Gan-Cao-Tang by liquid chromatography coupled with quadrupole time-of-flight tandem mass spectrometry and liquid chromatography coupled with ion trap mass spectrometry.J Sep Sci, DOI: 10.1002/jssc.201400061, 影响因子: 2.415

   关键词：大黄甘草汤；裂解规律；成分鉴定；离子阱质谱

3. Qualitative analysis of chemical constituents in traditional Chinese medicine analogous formula cheng‐Qi decoctions by liquid chromatography–mass spectrometry, Biomed Chromatogr, DOI: 10.1002/bmc.3549影响因子: 1.688

   关键词：承气汤；四级杆飞行时间质谱；成分鉴定

4. Identification of Multiple Constituents in Chinese Medicinal Prescription Shensong Yangxin Capsule by Ultra-Fast Liquid Chromatography Combined with Quadrupole Time-of-Flight Mass Spectrometry, J Chromatogr Sci, DOI: 10.1093/chromsci/bmu047影响因子: 1.037

   关键词：参松养心胶囊；背景扣除扫描；信息依赖采集；成分鉴定

5. "Rapid Identification and Simultaneous Quantification of Multiple Constituents in Nao-Shuan-Tong Capsule by Ultra-Fast Liquid Chromatography/Diode-Array Detector/Quadrupole Time-of-Flight Tandem Mass Spectrometry, J Chromatogr Sci, DOI: 10.1093/chromsci/bmu137影响因子: 1.037

   关键词：脑栓通胶囊；高分辨质谱定量；成分鉴定（59种）；

6. 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, J Sep Sci, DOI: 10.1002/jssc.201700236影响因子: 2.415

   关键词：酸枣仁颗粒；质量亏损扫描；血清代谢物；高分辨质谱数据处理

7. Biospecific isolation and characterization of angiogenesis-promoting ingredients in Buyang Huanwu decoction using affinity chromatography on rat brain microvascular endothelial cells, solidphase extraction, and HPLC-MS/MS, Talanta, DOI: 10.1016/j.talanta.2017.11.018影响因子: 4.244

   关键词：补阳还五汤；生物特异性活性；成分研究

8. Discovery of Anti-inflammatory Ingredients in Chinese Herbal Formula Kouyanqing Granule based on Relevance Analysis between Chemical Characters and Biological Effects, Sci Rep, DOI: 10.1038/srep18080影响因子: 4.122

   关键词：口炎清颗粒；活性成分；药理作用；灰色关联分析(GRA)、皮尔森相关系数(PCC)；偏最小二乘法(PLS)

9. Large-scale qualitative and quantitative characterization of components in Shenfu Injection by integrating hydrophilic interaction chromatography, reversed phase liquid chromatography, and tandem mass spectrometry, J Chromatogr A, DOI:10.1016/j.chroma.2015.06.041影响因子: 3.716

   关键词：参附注射液；预定义多反应监测；成分鉴定；疏水成分

10. Multiple circulating saponins from intravenous ShenMai inhibit OATP1Bs in vitro: potential joint precipitants of drug interactions, Acta Pharmacol Sin, DOI: 10.1038/s41401-018-0173-9影响因子: 3.562

    关键词：参麦注射液；药物相互作用；转运多肽；总皂苷药物动力学

11. Mixed Polyethylene Glycol-Modified Breviscapine-Loaded Solid Lipid Nanoparticles for Improved Brain Bioavailability: Preparation, Characterization,

and In Vivo Cerebral Microdialysis Evaluation in Adult Sprague Dawley Rats, AAPS Pharm Sci Tech, DOI: 10.1208/s12249-014-0080-4影响因子: 2.666

关键词：灯盏花素；脂质体；生物利用度；纳米给药

12. Quality Evaluation of a Herbal Prescription Through Quantification of 40 Components by HPLC–ESI–MS/MS, Phytochem Anal, DOI 10.1002/pca.1366影响因子: 2.337

    关键词：康脑衰胶囊；成分分析；定量分析

13. Identification and determination of the major constituents in Kai-Xin-San by UPLC-Q/TOF MS and UFLC-MS/MS method, J Mass Spectrom, DOI 10.1002/jms.3773影响因子: 2.112

    关键词：开心散；血浆代谢物；成分鉴定

14. Systematic screening and characterization of astragalosides in an oral solution of Radix Astragali by liquid chromatography with quadrupole time-of-flight mass spectrometry and Peakview software, Mass Spectrom, DOI: 10.1002/jssc.201501278影响因子: 1.970

    关键词：黄芪皂苷；质量亏损扫描；信息依赖采集；复方筛选

15. Development and Validation of an UHPLC-QqQ-MS Technique for Simultaneous Determination of Ten Bioactive Components in Fangji Huangqi Tang, J ANAL METHODS CHEM, DOI: 10.1155/2016/1435106影响因子: 1.262

    关键词：防己黄芪汤；多组分定量

16. Rapid Screening and Quantitative Determination of Active Components in Qing-Hua-Yu-Re-Formula Using UHPLC-Q-TOF/MS and HPLC-UV, J ANAL METHODS CHEM, DOI: 10.1155/2018/8535127影响因子: 1.262

    关键词：御热方；成分鉴定；飞行时间质谱

三、中药活性成分

1. Indirect identification of antioxidants in Polygalae Radix through their reaction with 2, 2-diphenyl-1-picrylhydrazyl and subsequent HPLC–ESI-Q-TOF-MS/MS, Talanta, DOI: 10.1016/j.talanta.2015.07.032影响因子: 4.244

   关键词：抗氧化活性；成分鉴定

2. LC-MS-Guided Isolation of Insulin-Secretion-PromotingMonoterpenoid Carbazole Alkaloids from Murraya microphylla, J Nat Prod, DOI: 10.1021/acs.jnatprod.8b00338影响因子: 3.885

   关键词：小叶九里香；生物测定法结合LCMS法；单萜卡座类生物碱；促胰岛细胞分泌

3. Centella asiatica: phytochemistry and mechanisms of neuroprotection and cognitive enhancement, Phytochem Rev, DOI: 10.1007/s11101-017-9528-y影响因子: 3.875

   关键词：神经保护；积雪草；成分鉴定；活性成分在大脑代谢物

4. Simultaneous targeted analysis of five active compounds in licorice by ultra-fast liquid chromatography coupled to hybrid linear-ion trap tandem mass spectrometry, Analyst, DOI: 10.1039/c3an02209a影响因子: 3.864

   关键词：甘草；活性成分；信息依赖增强子离子采集；不同批次含量测定

5. An integrated strategy to quantitatively differentiate chemomebetween Cistanche deserticola and C. tubulosa using high performanceliquid chromatography–hybrid triple quadrupole-linear ion trap massspectrometry, J Chromatogra A, DOI: 10.1016/j.chroma.2015.12.045影响因子: 3.716

   关键词：肉苁蓉；组分识别；相对定量；多元统计分析

6. A practical strategy for the characterization of coumarins in Radix Glehniae by liquid chromatography coupled with triple quadrupole-linear ion trap mass spectrometry, J Chromatogr A, DOI:10.1016/j.chroma.2010.04.076影响因子:

3.710

关键词：皂荚；香豆素；信息依赖增强子离子扫描；成分表征

7. Identification of the effective constituents for anti-inflammatory activity of Ju-Zhi-Jiang-Tang, an ancient traditional Chinese medicine formula, J Chromatogr A, DOI: 10.1016/j.chroma.2014.04.084影响因子: 3.710

   关键词：橘枳姜汤；抗炎成分；成分鉴定（108种）

8. Effects of Different Extraction Methods on the Extraction Rates of Five Chemical Ingredients of Swertia mussotii Franch by UPLC-ESI-MS/MS, Mat Sci Eng, DOI:10.1088/1757-899X/301/1/012024影响因子: 3.414

   关键词：獐牙菜；提取方法；成分定量

9. LC/TIS-MS Fingerprint Profiling of Cimicifuga Species and Analysis of 23-Epi-26-deoxyactein in Cimicifuga racemose Commercial Products, J Agric Food Chem, DOI: 10.1021/jf048300d影响因子: 3.412

   关键词：升麻；指纹图谱；三萜苷

10. Triterpenoids with antiplatelet aggregation activity from Ilex rotunda, Phytochemistry, DOI: 10.1016/j.phytochem.2017.11.005影响因子: 3.186

    关键词：冬青树皮；抗血小板聚合；三萜

11. Chemosynthesis pathway and bioactivities comparison of saponins in radix and flower of Panax notoginseng (Burk.) F.H.Chen, J Ethnopharmacol, DOI: 10.1016/j.jep.2016.11. 008影响因子: 3.115

    关键词：三七；总皂苷活性；生物活性对比；生物合成途径

12. Antagonism of Cortex Periplocae extract-induced catecholamines secretion by Panax notoginseng saponinsin cultured bovine adrenal medullary cells by drug combinations, J Ethnopharmacol, DOI: 10.1016/j.jep.2013.03.036影响因子: 3.115

    关键词：淫羊藿；抗炎作用；三七总皂苷；儿茶酚胺分泌诱导

13. Four New Pentasaccharide Resin Glycosides from Ipomoea cairica with Strong α-Glucosidase Inhibitory Activity, Molecules, DOI: 10.3390/molecules20046601影响因子: 3.098

    关键词：五爪金龙；糖树脂苷；飞行时间质谱；葡萄糖苷酶活性抑制

14. Antioxidant and Anti-Fatigue Activities of Phenolic Extract from the Seed Coat of Euryale ferox Salisb. and Identification of Three Phenolic Compounds by LC-ESI-MS/MS, Molecules, DOI:10.3390/molecules180911003影响因子: 3.098

    关键词：苏铁种皮；抗氧化；抗疲劳；酚类；成分鉴定

15. Four Pentasaccharide Resin Glycosides from Argyreia acuta, Molecules, DOI:10.3390/molecules22030440影响因子: 3.098

    关键词：白鹤藤；五糖树脂苷

16. 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, DOI: 10.1039/c8ra01765d影响因子: 2.936

    关键词：文冠果；抗阿尔茨海默症；三萜类；飞行时间质谱筛选

17. Multi-responses extraction optimization based on response surface methodology combined with polarity switching HPLC–MS/MS for the simultaneous quantitation of 11 compounds in Cortex Fraxini:Application to four species of Cortex Fraxini and its3 confusable species, J Pharmaceut Biomed Anal, DOI: 10.1016/j.jpba.2013.12.033影响因子: 2.832

    关键词：五倍子；成分定量；极性切换

18. Inhibitory effects of an aqueous extract from Cortex Phellodendri on the growth and replication of broad-spectrum of viruses in vitro and in vivo,, BMC Compl Alt Med, DOI 10.1186/s12906-016-1206-x影响因子: 2.109

    关键词：黄柏；抗病毒；活性成分

四、中药炮制研究：

1. Influence of processing on pharmacokinetic of typical constituents in radix polygoni multiflori after oral administration by LC-ESI-MS/MS, J Ethnopharmacol, DOI: 10.1016/j.jep.2013.04.020影响因子: 3.115

   关键词：何首乌炮制；生物利用度；中药加工

2. Analysis of Chemical Variations between Crude and Salt-Processed Anemarrhenae rhizoma Using Ultra-High-Performance Liquid Chromatography–Mass Spectrometry Methods, Molecules, DOI:10.3390/molecules23010023影响因子: 3.098

   关键词：知母炮制；多变量统计分析；特征成分；中药加工

3. Identification and Analysis of Compound Profiles of Sinisan Based on 'Individual Herb, Herb-Pair, Herbal Formula' before and after Processing Using UHPLC-Q-TOF/MS Coupled with Multiple Statistical Strategy, Molecules, DOI:10.3390/molecules23123128影响因子: 3.098

   关键词：四逆散；药理成分；单方成分；配伍成分；组方成分；中药加工

4. Profiling and analysis of multiple compounds in rhubarb decoction after processing by wine steaming using UHPLC–Q-TOF-MS coupled with multiple statistical strategies, J Sep Sci, DOI: 10.1002/jssc.201600256. 影响因子: 2.415

   关键词：大黄炮制；主成分分析；特征成分鉴定；中药加工

5. Evaluation of the influence of sulfur fumigation on the pharmacokinetics of four active ingredients in Si Wu Tang, J Sep Sci, DOI 10.1002/jssc.201400874影响因子: 2.415

   关键词：四物汤；芍药加工；硫熏蒸加工影响评估；药物动力学

6. Different processing methods change the oral toxicity induced by Sophora alopecuroides seeds and the contents of five main toxic alkaloids from the ethanol extracts determined by a validated UHPLC–MS/MS assay, Rev Bras

Farmacogn, DOI: 10.1016/j.bjp.2018.04.007影响因子: 1.596

关键词：苦豆子炮制；成分定量分析；毒性评估；

五、中药代谢产物鉴定

1. A Root-Expressed L-Phenylalanine:4-Hydroxyphenylpyruvate Aminotransferase Is Required for Tropane Alkaloid Biosynthesis in Atropa belladonnaC, Plant Cell, DOI: 0.1105/tpc.114.130534影响因子: 9.340

   关键词：莨菪烷；生物碱；东莨菪碱和芥子碱生物代谢途径；

2. Development of a systematic approach to rapid classification and identification of notoginsenosides and metabolites in rat feces based on liquid chromatography coupled triple time-of-flight mass spectrometry, Anal Chim Acta, DOI: 10.1016/j.aca.2015.02.039影响因子: 5.120

   关键词：三七；代谢物；肠道代谢；飞行时间质谱快速鉴定

3. Identification and comparative oridonin metabolism in different species liver microsomes by using UPLC-Triple-TOF-MS/MS and PCA, Anal Biochem, DOI: 10.1016/j.ab.2016.08.004影响因子: 5.120

   关键词：冬凌草素；体外代谢；肝微粒体

4. Identification of in vitro and in vivo metabolites of isoimperatorin using liquid chromatography/mass spectrometry, Food Chem, DOI: 10.1016/j.foodchem.2013.02.068影响因子: 4.946

   关键词：异欧前胡素；体内代谢；体外生物转化；代谢物鉴定（19种）

5. Simultaneous Determination of Fucoxanthin and Its Deacetylated Metabolite Fucoxanthinol in Rat Plasma by Liquid Chromatography-Tandem Mass Spectrometry, Mar Drugs, DOI:10.3390/md13106521 影响因子: 4.379

   关键词：岩藻黄质；代谢物；血浆代谢物；血药定量

6. Degradation of phenylethanoid glycosides in Osmanthus fragrans Lour. flowers and its effect on antihypoxia activity, Sci Rep, DOI: 10.1038/s41598-017-10411-0 影响因子: 4.122

关键词：桂花；苯乙醇苷；降解产物；抗缺氧活性

7. Regioselective Glucuronidation of Andrographolide and Its Major Derivatives: Metabolite Identification, Isozyme Contribution, and Species Differences, AAPS J, DOI: 10.1208/s12248-014-9658-8影响因子: 3.804

   关键词：穿心莲内酯；代谢物鉴定；物种间差异

8. Hepatic glucuronidation of Isoneochamaejasmin A from the traditional Chinese medicine Stellera Chamaejasme L. root, Drug Metab Dispos, DOI:10.1124/dmd.113.055962影响因子: 3.640

   关键词：瑞香狼毒；二相代谢物；物种差异

9. Combinatorial Metabolism Notably Affects Human Systemic Exposure to Ginsenosides from Orally Administered Extract of Panax notoginseng Roots (Sanqi), Drug Metab Dispos, DOI: 10.1124/dmd.113.051391 影响因子: 3.640

   关键词：三七提取物；总皂苷；代谢物鉴定； QTrap质谱

10. Characterization of Glucocerebrosides and the Active Metabolite 4,8-Sphingadienine from Arisaema amurense and Pinellia ternata by NMR and CD Spectroscopy and ESI-MS/CID-MS, J Agric Food Chem, DOI: 10.1021/jf302085u影响因子: 3.412

    关键词：天南星；半夏；葡萄糖脑苷脂；代谢物

11. Biotransformation and Metabolic Profile of Limonin in Rat Liver Microsomes, Bile, and Urine by High-Performance Liquid Chromatography Coupled with Quadrupole Time-of-Flight Mass Spectrometry, J Agric Food Chem, DOI: 10.1021/acs.jafc.8b02057影响因子: 3.412

    关键词：柑橘种子；柠檬素；代谢物鉴定；代谢途径

12. Identification of urinary metabolites of imperatorin with a single run on an LC/Triple TOF system based on multiple mass defect filter data acquisition and multiple data mining techniques, Anal Bioanal Chem, DOI: 10.1007/s00216-013-7132-6影响因子: 3.307

关键词：白茅苷；香豆素；质量亏损扫描；代谢途径

13. Characterization and Quantification by LC-MS/MS of the Chemical Components of the Heating Products of the Flavonoids Extract in Pollen Typhae for Transformation Rule Exploration, Molecules, DOI:10.3390/molecules201018352影响因子: 3.098

    关键词：黄酮化合物；大鼠血浆代谢；药物动力学

14. Profiling and Pharmacokinetic Studies of Alkaloids in Rats After Oral Administration of Zanthoxylum nitidum Decoction by UPLC-Q-TOF-MS/MS and HPLC-MS/MS, Molecules, DOI:10.3390/molecules24030585影响因子: 3.098

    关键词：两面针；生物碱；成分鉴定

15. A Comparative Study on the Metabolism of Epimedium koreanum Nakai-Prenylated Flavonoids in Rats by an Intestinal Enzyme (Lactase Phlorizin Hydrolase) and Intestinal Flora, Molecules, DOI:10.3390/molecules19010177影响因子: 3.098

    关键词：淫羊藿；总黄酮；肠道代谢酶；肠道菌群；代谢差异

16. In Vitro/In Vivo Metabolism of Ginsenoside Rg5 in Rat Using Ultra-Performance Liquid Chromatography/ Quadrupole-Time-of-Flight Mass Spectrometry, moleculars, DOI:10.3390/molecules23092113影响因子: 3.098

    关键词：人参皂苷；大鼠代谢；代谢物鉴定

17. Metabolite profiles of icariin in rat plasma by ultra-fast liquid chromatography coupled to triple-quadrupole/time-of-flight mass spectrometry, J Pharma Biomed Anal, DOI: 10.1016/j.jpba.2012.03.053影响因子: 2.831

    关键词：淫羊藿；代谢物鉴定；大鼠血浆

18. Comprehensive Characterization of the in vitro and in vivo Metabolites of Ziyuglycoside I in Rat Microsome, Intestinal Flora, Excretion Specimen and Fresh Tissues based on LC–Q-TOF/MS, J Pharma Biomed Anal, DOI:10.1016/j.jpba.2016.05.032影响因子: 2.831

关键词：地榆；紫玉苷；代谢物鉴定；目标代谢物代谢途径

19. Development of a novel sectional multiple filtering scheme for rapidscreening and classifying metabolites of ziyuglycoside II in rat liverand excreta specimen based on high-resolution mass spectrometry, J Pharma Biomed Anal, DOI: 10.1016/j.jpba.2016.06.053影响因子: 2.831

    关键词：地榆；紫玉苷II；二相代谢物；大鼠体内

20. Investigation of 6-O-methyl-scutellarein metabolites in rats by ultra-flow liquid chromatography/quadrupole-time-of-flight mass spectrometry, PHARMA BIOL, DOI: 10.3109/13880209.2016.1149495影响因子: 2.830

    关键词：黄芩苷；大鼠代谢；代谢物鉴定；质量亏损扫描；动态背景扣除扫描

21. Metabolites profiling of Pulsatilla saponin D in rat by ultra performance liquid chromatography–quadrupole time-of-flight mass spectrometry (UPLC/Q-TOF-MS/MS), Fitoterapia, DOI: 10.1016/j.fitote.2014.05.002影响因子: 2.642

    关键词：白头翁苷；代谢物鉴定；飞行时间质谱

22. Identification of metabolites of deoxyschizandrin in rats by UPLC-Q-TOF-MS/MS based on multiple mass defect filter data acquisition and multiple data processing techniques., J Chromatogr B, DOI: 10.1016/j.jchromb.2013.12.022 影响因子: 2.441

    关键词：去氧五味子素；代谢物鉴定；质量亏损扫描

23. Identification of metabolites of oridonin in rats with a single run on UPLC-Triple-TOF-MS/MS system based on multiple mass defect filterdata acquisition and multiple data processing techniques, J Chromatogr B, DOI: 10.1016/j.jchromb.2015.10.006影响因子2.441

    关键词：冬凌草；质量亏损扫描；大鼠代谢物鉴定；多数据处理

24. Tentative identification of new metabolites of epimedin C by liquid chromatography– mass spectrometry, J Sep Sci, DOI 10.1002/jssc.201100581影响因

子: 2.415

关键词：淫羊藿苷C；代谢物鉴定

六、中药药理：

1. An Integrated Strategy for Global Qualitative and Quantitative Profiling of Traditional Chinese Medicine Formulas: Baoyuan Decoction as a Case, Sci Rep, DOI: 10.1038/srep38379 影响因子: 4.122

   关键词：吴茱萸汤；高分辨质谱；头痛生物标志物；脑和血浆代谢组学

2. A critical courier role of volatile oils from Dalbergia odorifera for cardiac protection in vivo by QiShenYiQi, Sci Rep, DOI:10.1038/s41598-017-07659-x影响因子: 4.122

   关键词：降香挥发油；心脏保护作用；益气活性成分

3. The metabolic change of serum lysophosphatidylcholines involved in the lipid loweing effect of triterpenes from Alismatis rhizoma on high-fat diet induced hyperlipidemia mice, J Ethnopharmacol, DOI: 10.1016/j.jep.2015.11.017, 影响因子: 3.115

   关键词：泽泻；磷酰胆碱；代谢物；高血脂

4. LC-MS/MS analysis and evaluation of the anti-inflammatory activity of components from BushenHuoxue decoction, PHARMA BIOL, DOI: 10.1080/13880209.2017.1285327, 影响因子: 2.83

   关键词：补肾活血汤；活性成分鉴定；飞行时间质谱

5. Antioxidant activity, Hypoglycemic potential and metabolite profiling of Hyophorbe indica leaf extract, Pak J Pharm Sci, Vol.31, No.6, pp.2737-2742影响因子: 0.804

   关键词：槟榔属（H. indica)；II型糖尿病；α葡萄糖苷酶抑制；

6. In vitro assessment of the glucose-lowering effects of berberrubine-9-O-β-D-glucuronide, an active metabolite of berberrubine, Acta Pharm Sin B, PMC5342660影响因子: 3.223

   关键词：酒瓶椰；抗氧化；降血脂；代谢谱；飞行时间质谱

7. Chemical Profiles and Protective Effect of Hedyotis diffusa Willd in Lipopolysaccharide-Induced Renal Inflammation Mice, Int J Mol Sci, DOI:10.3390/ijms161126021影响因子: 3.687

   关键词：白花蛇舌草；肾炎保护, 活性成分；飞行时间质谱

8. Comparison of anti-inßammatory effects of berberine, and its natural oxidative and reduced derivatives from Rhizoma Coptidis in vitro and in vivo, Phytomedicine, DOI: 10.1016/j.phymed.2018.09.228 影响因子: 3.610

   关键词：黄连；天然氧化代谢；小檗碱；飞行时间质谱

9. Huanglian-Wendan Decoction Inhibits NF- κ B/NLRP3 Inflammasome Activation in Liver and Brain of Rats Exposed to Chronic Unpredictable Mild Stress, Mediators Inflamm, DOI: 10.1155/2018/3093516影响因子: 3.549

   关键词：黄连温胆汤；抗炎；活性成分

10. Zhen-wu-tang attenuates Adriamycin-induced nephropathy via regulating AQP2 and miR-92b, Biomed Pharmacot, DOI: 10.1016/j.biopha.2018.10.146影响因子: 3.457

    关键词：真武汤；阿霉素致损肾病；飞行时间质谱

11. Anthocyanins from Lycium ruthenicum Murr. ameliorated D-galactose-induced memory impairment, oxidative stress, and neuroinflammation in adult rats, J Agric Food Chem, DOI: 10.1021/acs.jafc.8b06402影响因子: 3.412

    关键词：黑枸杞；神经炎；记忆障碍；活性成分

12. Antioxidant and Cytoprotective Effects of Tibetan Tea and Its Phenolic Components, Molecules, DOI:10.3390/molecules23020179影响因子: 3.098

    关键词：藏茶；抗氧化；细胞保护

13. Antioxidant Mechanisms of Echinatin and Licochalcone A, Molecules, DOI:10.3390/molecules24010003影响因子: 3.098

    关键词：淫羊藿苷；甘草果酸A；作用机制

14. Antioxidation and Cytoprotection of Acteoside and Its Derivatives: Comparison and Mechanistic Chemistry, Molecules, DOI:10.3390/molecules23020498
影响因子: 3.098

关键词：猕猴桃苷；代谢物；作用机理比较

七、中药药物动力学

1. Systemic and cerebral exposure to and pharmacokinetics of flavonols and terpene lactones after dosing standardized Ginkgo biloba leaf extracts to rats via different routes of administration, Br J Pharmacol, 170： 440–457影响因子: 6.810

   关键词：银杏叶提取物；黄酮；萜烯；药物动力学

2. Compatibility with Panax notoginseng and Rehmannia glutinosa Alleviates the Hepatotoxicity and Nephrotoxicity of Tripterygium wilfordii via Modulating the Pharmacokinetics of Triptolide, Int J Mol Sci, DOI:10.3390/ijms19010305影响因子: 3.687

   关键词：三七和地黄；降低毒性；雷公藤毒性；

3. Pharmacokinetics-Based Identification of Potential Therapeutic Phthalides from XueBiJing, a Chinese Herbal Injection Used in Sepsis Management, Drug Metab Dispos, DOI: 10.1124/dmd.117.079673 影响因子: 3.640

   关键词：血必净；中药注射剂；领苯二甲酸盐；

4. Wilforine, the Q-marker and PK-maker of Tripterygium glycosides tablet: Based on preparation quantitative analysis and PK-PD study, Phytomedicine, DOI: 10.1016/j.phymed.2018.03.031 影响因子: 3.610

   关键词：生物碱；雷公藤多苷；Q-marker；PK-marker

5. Pharmacokinetics and disposition of monoterpene glycosides derived from Paeonia lactiflora roots (Chishao) after intravenous dosing of antiseptic XueBiJing injection in human subjects and rats, Acta Pharmacol Sin, DOI: 10.1038/aps.2015.103影响因子: 3.562

   关键词：芍药苷；中药消毒液；血必净；药物分布

6. Determination and pharmacokinetic study of the diacid metabolite of nor-

cantharidin in beagle plasma by use of liquid chromatography–tandem mass spectrometry, Anal Bioanal Chem, DOI 10.1007/s00216-013-7300-8影响因子: 3.307

关键词：斑蝥素；去甲斑蝥素代谢；犬体内药物动力学

7. Pharmacokinetic properties of paeoniflorin, albiflorin and oxypaeoniflorin after oral gavage of extracts of Radix Paeoniae Rubra and Radix Paeoniae Alba in rats, J Ethnopharmacol, DOI:10.1016/j.jep.2010.05.028影响因子: 3.115

   关键词：赤芍；白芍；芍药提取物；大鼠药物动力学

8. Comparative pharmacokinetics of six coumarins in normal and breast cancer bone-metastatic mice after oral administration of Wenshen Zhuanggu Formula, J Ethnopharmacol, DOI: 10.1016/j.jep.2018.05.031影响因子: 3.115

   关键词：文参壮骨方；香豆素药动学比较；正常和患病模型

9. Identification and Pharmacokinetic Studies on Complanatuside and Its Major Metabolites in Rats by UHPLC-Q-TOF-MS/MS and LC-MS/MS, Molecules, DOI:10.3390/molecules24010071影响因子: 3.098

   关键词：沙苑子苷；代谢物；药物动力学

10. Validation and Application of an Ultra High-Performance Liquid Chromatography Tandem Mass Spectrometry Method for Yuanhuacine Determination in Rat Plasma after Pulmonary Administration: Pharmacokinetic Evaluation of a New Drug Delivery System, Molecules, DOI:10.3390/molecules21121733 影响因子: 3.098

    关键词：元化碱；肺内给药；药物动力学评价

11. Simultaneous Determination of Aesculin, Aesculetin, Fraxetin, Fraxin and Polydatin in Beagle Dog Plasma by UPLC-ESI-MS/MS and Its Application in a Pharmacokinetic Study after Oral Administration Extracts of Ledum palustre L, Molecules, DOI:10.3390/molecules23092285影响因子: 3.098

    关键词：苦参；七叶皂苷；弗拉西丁；药物动力学

12. Formulations, Hemolytic and Pharmacokinetic Studies on Saikosaponin a and Saikosaponin d Compound Liposomes moleculars, DOI:10.3390/molecules20045889影响因子: 3.098

    关键词：柴胡皂苷；脂质体；溶血；药物动力学

13. Identification and pharmacokinetics of the major constituents of Fugan Fang in rat plasma, RSC Adv, DOI: 10.1039/c4ra14148b影响因子: 2.936

    关键词：复肝方；代谢产物；药物动力学

14. HPLC-ESI-MS/MS Validation and Pharmacokinetics of Kalopanaxsaponin A in Rats, RSC Advances, DOI: 10.1039/C4RA14264K 影响因子: 2.936

    关键词：五指那藤；刺楸根皂苷；药物动力学

15. Simultaneous determination of anemoside B4, phellodendrine,berberine, palmatine, obakunone, esculin, esculetin in rat plasma byUPLC–ESI–MS/MS and its application to a comparativepharmacokinetic study in normal and ulcerative colitis rats, J Pharma Biomed Anal, DOI: 10.1016/j.jpba.2016.11.021影响因子: 2.831

    关键词：白头温汤；八种成分；药物动力学；溃疡性结肠炎

16. Pharmacokinetic comparison of seven major bioactive components innormal and depression model rats after oral administration of BaiheZhimu decoction by liquid chromatography–tandem massspectrometry, J Pharma Biomed Anal, DOI: 10.1016/j.jpba.2017.09.031影响因子: 2.831

    关键词：百合知母汤；生物活性成分；药物动力学

17. Simultaneous determination and pharmacokinetics of danshensu, protocatechuic aldehyde, 4-hydroxy-3-methyloxyphenyl lactic acid and protocatechuic acid in human plasma by LC-MS/MS after oral administration of Compound Danshen Dripping Pills, J Pharma Biomed Anal, DOI:10.1016/j.jpba.2017.06.014影响因子: 2.831

    关键词：复方丹参滴丸；药物动力学

18. UFLC-MS/MS determination and pharmacokinetic studies of six Saikosaponins in rat plasma after oral administration of Bupleurum Dropping Pills, J Pharma Biomed Anal, DOI: 10.1016/j.jpba.2016.03.009影响因子: 2.831

    关键词：柴胡滴丸；柴胡皂苷；药物动力学

19. Comparison of the Pharmacokinetic Profiles of a Standardized Extract of Centella asiatica and A Mixture of Madecassoside and Asiaticoside in Rats, Planta Med Int, DOI: 10.1055/a-0600-9750影响因子: 2.494

    关键词：积雪草；药物动力学

20. Integrated pharmacokinetics of ginsenosides after intravenous administration of YiQiFuMai powder injection in rats with chronic heart failure by UFLC–MS/MS, J Chromatogr B, DOI: 10.1016/j.jchromb.2017.10.056影响因子: 2.441

    关键词：益气复脉散；人参皂苷；药物动力学

21. Determination of acacetin in rat plasma by UPLC-MS/MS and itsapplication to a pharmacokinetic study, J Chromatogr B, DOI: 10.1016/j.jchromb.2015.01.040影响因子: 2.441

    关键词：刺槐黄素；大鼠药物动力学

22. Determination and pharmacokinetic study of four lignans in rat plasma after oral administration of an extract of Valeriana amurensis by ultra-high performance liquid chromatography with tandem mass spectrometry, J Sep Sci, 影响因子: 2.415

    关键词：木兰；药物动力学；缬草

23. A rapid and sensitive UFLC-MS/MS method for the simultaneous determination of gentiopicroside and swertiamarin in rat plasma and its application in pharmacokinetics, J Pharm Pharmacol, DOI:10.1111/jphp.12266 影响因子: 2.309

    关键词：龙胆苦苷；獐牙菜苦苷；药物动力学

24. Pharmacokinetics of Caffeic Acid, Ferulic Acid, Formononetin, Crypto-

tanshinone, and Tanshinone IIA after Oral Administration of Naoxintong Capsule in Rat by HPLC-MS/MS, Evi Base Complem Altern Med，DOI: 10.1155/2017/9057238影响因子: 2.064

关键词：消心痛胶囊；成分；大鼠药物动力学

八、中药农残及毒素

1. Analysis of fumonisins B1 and B2 in spices and aromatic and medicinal herbs by HPLC-FLD with on-line post-column derivatization and positive confirmation by LC-MS/MS HPLC-FLD, Analyst, DOI: 10.1039/c2an35164a影响因子: 3.864

   关键词：富马菌素；真菌毒素；芳香中药

2. Carbon nanotube-based QuEChERS extraction and enhanced product ion scan-assisted confirmation of multi-pesticide residue in dried tangerine peel, RSC Advances, DOI:10.1039/c5ra15348d影响因子: 2.936

   关键词：陈皮；农药残留；杀虫剂残留；增强子离子扫描确认

3. Comparison of two extraction methods for the determination of 135 pesticides in Corydalis Rhizoma, Chuanxiong Rhizoma and AngelicaeSinensis Radix by liquid chromatography-triple quadrupole-massspectrometry. Application to the roots and rhizomes of Chinese herbalmedicines, J Chromatogr B, DOI: 10.1016/j.jchromb.2016.03.003影响因子: 2.441

   关键词：农药残留（135）；延黄；当归；川芎；固相萃取

九、中药代谢组学

1. Metabolic Pathway Extension Approach for Metabolomic Biomarker Identification, Anal Chem, DOI: 10.1021/acs.analchem.6b03757影响因子: 6.320

   关键词：代谢途径；标志物鉴定

2. Integrated work-flow for quantitative metabolome profiling of plants, Peucedani Radix as a case, Anal Chimi Acta, DOI: 10.1016/j.aca.2016.11.066影响因子: 5.123

   关键词：前胡；代谢组学流程；靶向代谢组学

3. Urinary metabolomics reveals the therapeutic effect of HuangQi Injections in cisplatin-induced nephrotoxic rats, Sci Rep, DOI: 10.1038/s41598-017-03249-z影响因子: 4.122

   关键词：黄芪注射液；顺铂毒性；尿代谢组学

4. High-throughput chinmedomics based prediction of effective components and targets from herbal medicine AS1350, Sci Rep 2016, DOI: 10.1038/srep38437影响因子: 4.122

   关键词：模拟中药组方；有效成分预测；脂代谢组学（鞘脂、磷脂）

5. Variations in Physiology and Multiple Bioactive Constituents under Salt Stress Provide Insight into the Quality Evaluation of Apocyni Veneti Folium, Int J Mol Sci, DOI:10.3390/ijms19103042影响因子: 3.687

   关键词：乌贼叶；药物品质；代谢组学

6. Assessment of Peeling of Astragalus Roots using 1H NMR and UPLC-MS-based Metabolite Profiling, J Agric Food Chem, DOI: 10.1021/jf4026103 影响因子: 3.412

   关键词：黄芪；中药加工影响；次生代谢物组学

7. Application of UHPLC-ESI-Q-TOF-MS to Identify ultiple Constituents in Pro-

cessed Products of the Herbal Medicine Ligustri Lucidi Fructus, Molecules, DOI: 10.3390/ molecules22050689影响因子: 3.098

关键词：吴茱萸；中药加工；成分识别

8. Identification of Nutritional Components in Black Sesame Determined by Widely Targeted Metabolomics and Traditional Chinese Medicines, Molecules, DOI:10.3390/molecules23051180, 影响因子: 3.098

   关键词：黑芝麻；非靶向代谢组学；营养成分

9. Quality Evaluation of Pseudostellariae Radix Based on Simultaneous Determination of Multiple Bioactive Components Combined with Grey Relational Analysis, Molecules, DOI:10.3390/molecules22010013影响因子: 3.098

   关键词：太子参；活性成分；质量评价

10. Quality Evaluation of Apocyni Veneti Folium from Different Habitats and Commercial Herbs Based on Simultaneous Determination of Multiple Bioactive Constituents Combined with Multivariate Statistical Analysis, Molecules, DOI:10.3390/molecules23030573影响因子: 3.098

    关键词：罗布麻；多组分分析；多元评价；质量评价

11. Analysis of Chemical Variations between Crude and Salt-Processed Anemarrhenae rhizoma Using Ultra-High-Performance Liquid Chromatography–Mass Spectrometry Methods, Molecules, DOI:10.3390/molecules23010023影响因子: 3.098

    关键词：知母；中药炮制；组学分析；成分鉴别

12. A metabolomic strategy based on integrating headspace gas chromatography-mass spectrometry and liquid chromatography-mass spectrometry to differentiate the five cultivars of Chrysanthemum flower†, RSC advance, DOI: 10.1039/c7ra13503c影响因子: 2.936

    关键词：菊花；品种鉴定

13. The integration of GC–MS and LC–MS to assay the metabolomics profiling in

Panax ginseng and Panax quinquefolius reveals a tissue-and species-specific connectivity of primary metabolites and ginsenosides accumulation, J Pharma Biomed Anal, DOI: 10.1016/j.jpba.2016.12.026影响因子: 2.831

关键词：人参；西洋参；成分组学

14. An integrative investigation of the toxicity of Aconiti kusnezoffii radixand the attenuation effect of its processed drug using a UHPLC-Q-TOFbased rat serum and urine metabolomics strategy, J Pharma Biomed Anal影响因子: 2.831

关键词：断肠草；中药加工；毒性与减毒；

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