

ISSN 1005-9903  
CN 11-3495/R

# 中国 实验方剂学杂志

ZHONGGUO SHIYAN FANGJIXUE ZAZHI

CHINESE JOURNAL OF  
EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

中国中文核心期刊  
中国科技核心期刊  
中国中医药优秀期刊  
中国学术期刊(光盘版)优秀期刊

主管：国家中医药管理局

主办：中国中医科学院中药研究所

中国中西医结合学会中药专业委员会

ISSN 1005-9903



9 771005 990139

16  
2013

2013年8月 第19卷 第16期  
August Vol.19 No.16

# 中国实验方剂学杂志

## Zhongguo Shiyan Fangjixue Zazhi

半月刊

1995 年 10 月创刊

第 19 卷

第 16 期

2013 年 8 月 20 日出版

主 管 国家中医药管理局 (100027 北京市东城区工体西路 1 号)		目 次
主 办 中国中医科学院中药研究所 中国中西医结合学会中药专业委员会 (100700 北京市东直门内南小街 16 号)		· 工艺与制剂 · 小檗碱的油水分配系数及其在体肠循环灌流模型中的肠吸收特性 ..... 张玉玲, 陈健龙, 王虎虎, 孙丽玲, 张诗航, 李超英, 崔翰明( 1 )
主 编 姜廷良 社 长 蔡仲德 总 编		大孔树脂纯化红花中羟基红花黄色素 A 的产业化探索 ..... ..... 吴建雄, 秦建平, 万琴, 王振中, 萧伟( 5 )
编辑出版 中国实验方剂学杂志编辑部 (100700 北京市东直门内南小街 16 号) 电话:(010)84076882 (010)64014411 转 2849 传真:(010)84076882 E-mail:syfjx_2010@188.com		补阳还五汤总苷胶囊的制备工艺优选 ..... ..... 邹龙, 李欢欢, 刘辉, 邓常清( 8 )
广 告 中国实验方剂学杂志广告部 (100700 北京市东直门内南小街 16 号) 电话:(010)84076882 传真:(010)84076882		六神曲的发酵菌种分离及纯种发酵考察 ..... ..... 邬吉野, 李莹, 王德馨, 史新元( 12 )
印 刷 北京昌平百善印刷厂 (102211 北京昌平区百善镇)		龙胆苦苷纳米脂质载体的制备和性质表征 ..... ..... 张坤驰, 吕邵娃, 刘卢, 李欣, 李永吉( 15 )
国内发行 北京报刊发行局 (100055 北京丰台区莲花池东路 126 号)		基于主成分分析的中药制剂综合评价模式探索 ..... ..... 张振巍, 张娜娜, 石磊( 18 )
订 阅 全国各地邮局 邮 购 中国实验方剂学杂志社 (100700 北京市东直门内南小街 16 号) 电话:(010)84076882		含水量对膏滋成品保存期限的影响 ..... ..... 高晓君, 潘海敏, 袁加才( 22 )
国内邮发代号 2-417		金银花压制饮片和传统饮片的比较 ..... ..... 宋英, 盛蓉, 陈佳, 袁强华, 朱璐璐( 24 )
国外发行 北京国际图书贸易总公司 (100044 北京 399 信箱)		响应面分析法优化苦豆子多糖的醇沉工艺 ..... ..... 郑奇, 张岩, 王文彤, 陶遵威( 27 )
国外邮发代号 SM4655		银胡感冒海绵剂的体外透皮试验 ..... 陈锋, 姜平川, 李嘉( 30 )
标准刊号 ISSN 1005-9903 CN 11-3495/R		药材粉碎度、浸泡时间对十一方药酒人参皂苷 Rg <sub>1</sub> 含量和总固体量的影响 ..... ..... 莫小林, 伍小燕, 龚敏阳, 马儒清, 陈晓明( 32 )
广告许可证 京东工商广字第 0029 号 国内定价 每期 35 元, 全年 840 元		穿心莲内酯脂质体的制备及质量控制 ..... ..... 侯甲福, 赵玉佳, 梁启超, 沙婧全, 李雪梅, 张敏, 吴宜艳, 王元奕( 35 )
		天山花楸枝叶中总黄酮、氰苷的大孔吸附树脂纯化工艺优选 ... ..... 何家伟, 常军民, 张薇, 刘玉花, 王岩( 38 )

五维赖氨酸口服液稳定性的影响因素考察	孙凌(43)
草乌净制机制探析	侯跃飞,杜红,王哲,刘红玉,李飞,谭鹏,杨蕾(45)
不同预处理方法对淫羊藿减压回流提取效果的影响	杨军宣,黄元红,陈虹静,万容(48)
· 化学与分析 ·	
HPLC-ABTS-DAD 在线检测生脉散和益气复脉粉针的体外抗氧化能力	王宇卿,朱丹妮,寇俊萍,余伯阳(51)
比色法测定龙血竭总黄酮含量	王建壮,吕华冲(55)
天南星、半夏、白附子中 8 种核苷成分的含量测定	黄皎,易进海,刘玉红,黄志芳,陈燕,刘云华(59)
葛根不同生长期多糖含量的动力积累研究	纪宝玉,裴莉昕,陈随清,董诚明,冯卫生(63)
预知子药材 HPLC-ELSD 指纹图谱研究	余黄鹏,李志峰,孟月华,何明珍,苏丹,冯育林,杨世林(66)
培土清心颗粒质量标准研究	薛素琴,陈达灿,谭志灿,刘俊峰,莫秀梅(70)
失笑散的 HPLC 指纹图谱研究	周习,陈佩东,张丽,丁安伟(73)
基于“三步”理念的附片(黑顺片)分级的思路与实践	陈苡然,汪云伟,黄永亮,艾莉,吴纯洁(77)
灯盏花素滴丸的溶出度研究	黄晓燕,丁野,郑金凤,李文莉(82)
HPLC 同时分析山蜡梅叶中 4 种有效成分的含量	崔小弟,李梦杰,周斌,李洁,程丹,郑鹏武(85)
HPLC 测定关黄柏中生物碱的含量	刘颖,李世颂,刘娟(88)
清肾颗粒中黄连的定性鉴别和定量分析	石金敏,魏良兵,李娆娆,贾陆,张志杰,顾雪竹(91)
河南产冬凌草的质量评价	李高申,张伟,彭涛,郭梅珍(94)
道地产区不同品种怀地黄中梓醇及毛蕊花糖苷的含量比较	杨云,张华锋,刘炯,张杰,刘富岗,卫冰(97)
平胃舒胶囊质量标准制定	徐乃玉,张诗超,田甜,杨淑敏,刘江云,郝丽莉,方正(101)
HPLC 测定复方贯叶金丝桃滴丸中金丝桃苷的含量	于宁,何承辉,邢建国(104)
不同产地白豆蔻挥发油成分的 GC-MS 分析	冯旭,梁臣艳,牛晋英,郭蕊,张玄薇(107)
龟鹿补肾丸 HPLC 指纹图谱研究	李文静,洪博(110)
蜂斗菜化学成分研究	王光寅,薛洁华,郭夫江,李医明(115)
顶空固相微萃取-气质色谱联用技术分析海州香薷与石香薷中挥发性成分	李佳,刘红燕,张永清(118)
荧光光谱法测定黄芪甲苷及环黄芪醇与牛血清白蛋白相互作用	罗志强,张玉杰,孙青,魏宝红,刘星,王雄飞,袁瑞娟(123)
不同产地枳实原药材及提取物的红外光谱鉴别	胡伊力格,王朝鲁,孙素琴,图雅(127)
喙果皂帽花挥发油 GC-MS 分析及活性研究	宋煌旺,宋鑫明,韩长日,杨路佳,邓文,段红叶,孙丽君(132)
臭椿皮乙酸乙酯部位化学成分研究	莫小宇,麦景标(136)
银杏内酯 B 的傅里叶变换红外光谱-拉曼光谱分析	刘晖(139)
不同生长时期人参中总糖、还原糖和可溶性多糖含量变化	姜先刚,刘海龙,张惠,郭寰宇,瞿新明(142)
建立玄明粉的 X-射线衍射指纹图谱	游宇,傅超美,陈秋薇,聂英军,胡慧玲(145)
款冬花传统规格等级与芦丁含量的相关性分析	凌珊,易炳学,龚千锋,肖永庆(147)
基于微波消解和 ICP-AES 技术的鹿角胶中有害元素测定	石岩,肖新月,魏峰,熊婧,马双成,林瑞超(151)
顶空气相色谱法测定当药提取物中大孔树脂残留物	常增荣,傅欣彤,刘颖(153)

UPLC-MS-MS 同时测定中药活血益气方 KLW 中三七皂苷 R <sub>1</sub> 、人参皂苷 Rg <sub>1</sub> 、人参皂苷 Rb <sub>1</sub> 的含量.....	陈菲, 林晓兰, 席海为, 庄伟, 李晓玲(156)
HPLC 同时测定广藿香中雷杜辛黄酮醇及广藿香酮的含量 .....	张颖梅, 陈海明, 吴晓丽, 苏祖清, 曾惠芳, 苏子仁(160)
液相色谱-质谱串联法测定清血内消丸中马兜铃酸 A 含量 .....	甘盛, 韩婷, 刘华钢, 施晓光, 吴超权(163)
中药臭灵丹中洋艾素和金腰乙素的含量测定 .....	李书华, 张智锦, 刘芳(168)
气相色谱法测定甘油中杂质乙二醇与二甘醇的含量 .....	赵鑫, 肖玉平, 黄荣林, 黄碧云(171)
<b>· 药物代谢 ·</b>	
UPLC 测定肝微粒体中柚皮苷和柚皮素含量 .....	林靖然, 邓少东, 肖凤霞, 林励, 邓韬, 张旭倩(175)
尼莫地平纳米结构脂质载体的制备及大鼠体内药动学 .....	王宏媛, 刘强, 张云杰, 王莹, 周泯江, 杨春荣(178)
甘草次酸对大鼠山奈酚血浆浓度的影响 .....	覃苑, 周能, 龚琦, 周振(183)
<b>· 药理 ·</b>	
瓜蒌薤白白酒汤对大鼠心肌缺血再灌注损伤的保护作用 .....	李明明, 黄芳, 韩林涛, 梁伟, 王亚伟, 王立群, 夏艳萍, 崔一怡, 李蔷(188)
五子降糖方对 T2DM 模型大鼠骨骼肌 GLUT4 蛋白表达的影响 .....	王亚, 董玉山, 喻孝瑾, 高秀娟, 李继安, 王会敏, 贺宝玲(193)
蒿芩养阴软坚方对四氯化碳复合因素所致肝纤维化的预防作用 .....	率红莉, 方步武, 邢伟, 刘洁莹(197)
$\beta$ -细辛醚对阿霉素诱导乳鼠心肌细胞损伤的影响 .....	王睿, 金明顺, 王伟, 刘建华, 刘韩, 王晓丽(202)
心复康口服液对心梗后心衰大鼠心肌组织 CK-MM mRNA 及蛋白表达的影响 .....	胡元会, 杜柏, 方素萍, 马铁民, 冯玄超, 姜北, 杨正(206)
天舒胶囊对利血平致小鼠偏头痛的影响 .....	孙晓萍, 吕新勇, 刘莉娜, 周军, 王振中, 萧伟(210)
富血小板血浆联合骨髓间充质干细胞对兔股骨头坏死的影响 .....	杜刚, 李林, 张波, 韦程寿, 唐俊, 黄克(213)
香附醋制前后对 Caco-2 细胞 P-糖蛋白功能和表达的影响 .....	李淑雯, 胡志方(217)
六味地黄丸入血成分对自杀基因杀伤肝癌细胞的增效作用 .....	杜标炎, 周瑶, 易华, 张广献, 谭宇蕙, 吴映雅, 郭玉荣, 罗惠(220)
地黄饮子对卒中后抑郁大鼠海马 5-羟色胺受体的影响 .....	范文涛, 王倩, 刘柏炎(224)
黄精多糖对顺铂致肝损害大鼠肝功能的保护及抗氧化指标的影响 .....	李超彦, 周媛媛, 王福青, 郭芙蓉(229)
异型南五味子醇提物对四氯化碳致大鼠急性肝损伤的保护作用 .....	沈芳仪, 葛海英, 曾嵘(232)
北柴胡不同炮制品疏肝利胆药效作用初探 .....	赵晶丽, 高红梅(235)
芷冰鼻腔原位凝胶剂的药效学及鼻纤毛毒性研究 .....	董芙蓉, 刘莉, 朱红霞, 陈志良, 刘强(239)
藤梨根对 RKO 结肠癌细胞失巢凋亡的作用 .....	胡兵, 沈克平, 史秀峰, 邓珊, 魏蒙蒙(242)
清热解毒方治疗大鼠实验性脓毒症的药效学观察 .....	刘大全, 高巧营, 吴尚为, 李东华, 刘洪斌(246)
四君子汤传统煎煮和机器煎煮的药效学差异比较 .....	徐秋香, 郁红礼, 吴皓, 尤奋强, 朱蕴菡, 汤丽娟(250)
复方苯妥英钠凝胶剂对创面修复和细菌感染的影响 .....	孙江桥, 刘超英(255)
复方蛹虫草颗粒对小鼠免疫功能以及脾淋巴细胞增殖的影响 .....	高青, 龙军, 简立信, 简志伟, 潘苏华(259)
3 种中药注射液安全性评价 .....	谢暕, 王军成, 王爱武(263)

竹叶提取物对力竭训练大鼠脏器组织自由基代谢的影响	刘利江,熊正英,吴传保(268)
$\beta$ -细辛醚对抑郁模型大鼠行为及海马 MKP-1, MSK-1, CREB 和 Bcl-2 的影响	赵春明,张晓杰,董海影,李姗姗,孙玉荣(272)
枳实消痞丸诱导胃癌 SGC-7901 细胞凋亡的研究	吴耀松,彭贵军(278)
关附壬素在 Caco-2 细胞上的摄取特性研究	王瑞,于彤,褚延乐,王琳茜,李晓天(282)
桃仁提取物对痴呆小鼠空间学习记忆和抗疲劳作用的影响	金慧玲,张红英(285)
脾阳虚证失眠大鼠模型的建立和附子理中汤的干预效应	韦祎,唐汉庆,李克明,李晓华,朱晓莹(289)
<b>· 临床 ·</b>	
蒙药萨丽嘎日迪 + 协日嘎 4 味汤对早期糖尿病肾病的疗效观察	刘萨仁,张春花,吴国华(293)
中医多途径给药对重型肝炎患者肠黏膜通透性及内毒素、血氨的影响	王宇亮,党中勤,张广玉,张玉峰,席玉红(297)
疏肝理脾止泻汤治疗腹泻型肠易激综合征 68 例	付强,许东升,蒋士卿(301)
中药联合阿托伐他汀对冠状动脉临界病变冠心病患者预后及血脂、炎症反应的影响	李峰梅,龙训(305)
RPH 联合消痔灵注射治疗痔病 80 例	董佳容,毛旭明,周阿高,李琰,赵秋萍(308)
复方斑蝥胶囊联合 FOLFOX4 方案对晚期消化道恶性肿瘤患者免疫功能及生活质量的影响	车建华,颜永清,劳小芳(312)
不同剂量米索前列醇内置阴道后穹隆间隔时间对中期妊娠引产结局临床对比	陈慧娟(315)
益气健脾化痰法治疗小儿肺炎恢复期肺脾气虚证	陆宏进,董朝,殷妍,高晓林,张建民,张勤(318)
血脂康对不稳定型心绞痛患者炎症因子、内皮功能及颈动脉粥样斑块的影响	刘红军,王丽华,魏文红(322)
失笑散加味治疗反流性食管炎 67 例	张彦,靳锦,张林(328)
葶苈大枣泻肺汤合导痰汤联合化疗治疗痰瘀阻肺型肺癌	尹继旺(331)
瑞舒伐他汀联合芪蛭通络胶囊治疗血脂水平正常急性脑梗死的疗效观察	黎罗明,王瑛,陈志斌(336)
<b>· 数据挖掘 ·</b>	
补阳还五汤干预中风先兆证的 Meta 分析	徐谦,陈新林,沈耿,莫传伟,李先涛(339)
止嗽散治疗感染后咳嗽随机对照试验的系统评价	荆晶,高振,廖春燕,李风森(343)
<b>· 综述 ·</b>	
中药组分配伍模式的研究进展	盛华刚(349)
<b>· 信息 ·</b>	
欢迎订阅 2014 年度《中国实验方剂学杂志》	(42)
欢迎订阅 2014 年《中国中医药信息杂志》	(69)
《中国中药杂志》2014 年征订启事	(187)
《天津中医药》2014 年征订启事	(292)
稿约	(封二)
《中国实验方剂学杂志》第三届编委会	(封三)
《中国实验方剂学杂志》支持单位	(封四)

[期刊基本参数] CN11-3495/R \* 1995 \* s \* 16 \* 352 \* zh \* P \* ¥35.00 \* 5000 \* 95 \* 2013-16

本期责任编辑:何伟

# CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly

Established in October, 1995

Vol. 19 No. 16

August 2013

## Responsible Institution

State Administration of Traditional Chinese Medicine  
(1, Congtixilu, Dongcheng District, Beijing, 100027)

## Sponsor

Institute of Chinese Materia Medica, China Academy of Chinese Medical Sciences  
Committee of Chinese Materia Medica, Chinese Association of Integrative Medicine  
(16, Nanxiaojie, Dongzhimennei, Beijing, 100700)

## Editor-in-Chief

JIANG Ting-liang

## Director

CAI Zhong-de

## Edited and Published by

Editorial Office of China Journal of Experimental Traditional Medical Formulae  
(16, Nanxiaojie, Dongzhimennei, Beijing, 100700)

Tel: (010) 84076882

(010) 64014411-2849

Fax: (010) 84076882

E-mail: syfjx\_2010@188.com

Website: <http://www.syfjxzz.com>

## Printed by

Beijing Changping Baishan Printing House  
(Baishan Town, Changping District, Beijing, 102211)

## Domestic Subscription

Distributed by Beijing Subscription Bureau  
(126, Lianhuachidonglu, Fengtai District, Beijing, 100055)

## Order from local post office

Order from mail Publishing House of China Journal of Experimental Traditional Medical Formulae  
(16, Nanxiaojie, Dongzhimennei, Beijing, 100700)  
Tel: (010) 84076882

## Domestic Subscription Code 2-417

## Overseas Subscription

China International Book Trading Corporation  
(P. O. Box 399, Beijing, 100044)

## Overseas Subscription Code SM4655

ISSN 1005-9903

CN 11-3495/R

## CONTENTS IN BRIEF

- Investigation of Apparent Oil/Water Partition Coefficients of Berberine and Its Absorption Characteristics in *in situ* Intestinal Perfusion Model ..... ZHANG Yu-ling, CHEN Jian-long, WANG Lv-hu, SUN Li-ling, ZHANG Shi-hang, LI Chao-ying, CUI Han-ming( 1 )
- Preliminary Exploration of Industrialization for Purification of Hydroxysafflor Yellow A from *Carthamus tinctorius* by Macroporous Resin ..... WU Jian-xiong, QIN Jian-ping, WAN Qin, WANG Zhen-zhong, XIAO Wei( 5 )
- Optimization of Preparation Technology of Total Glucosides of BuYang Huangwu Decoction Capsules ..... ZOU Long, LI Huan-huan, LIU Hui, DENG Chang-qing( 8 )
- Investigation Pure Fermentation and Strains Separation of Liushenqu ..... WU Ji-ye, LI Ying, WANG De-xin, SHI Xin-yuan( 12 )
- Preparation and Characterization of Gentiopicroside Nano-lipid Carriers ..... ZHANG Kun-chi, LV Shao-wa, LIU Lu, LI Xin, LI Yong-ji( 15 )
- Investigation of Comprehensive Evaluation for Traditional Chinese Medicine Preparations Based on Principal Component Analysis ..... ZHANG Zhen-wei, ZHANG Na-na, SHI Lei( 18 )
- Investigation of Effects of Moisture Content on Quality Guarantee Period of Decocted Extract ..... GAO Xiao-jun, PAN Hai-min, YUAN Jia-cai( 22 )
- Comparison of Compressed Pieces and Traditional Pieces of *Lonicera japonica* ..... SONG Ying, SHENG Rong, CHEN Jia, YUAN Qiang-hua, ZHU Lu-lu( 24 )
- Optimization of Alcohol Precipitation Technology of Polysaccharides from *Sophora alopecuroides* by Response Surface Methodology ..... ZHENG Duo, ZHANG Yan, WANG Wen-tong, TAO Zun-wei( 27 )
- In vitro* Transdermal Test of Yinhu Ganmao Spongia ..... CHEN Feng, JIANG Ping-chuan, LI Jia ( 30 )
- Effects of Grinding Degree of Medicinal Materials and Soaking Time on Ginsenoside Rg<sub>1</sub> Content and Total Solid Content in Shiyifang Vinum ..... MO Xiao-lin, WU Xiao-yan, GONG Min-yang, MA Ru-qing, CHEN Xiao-ming( 32 )
- Preparation and Quality Control of Andrographolide Liposomes ..... HOU Jia-fu, ZHAO Yu-jia, LIANG Qi-chao, SHA Jing-quan, LI Xue-mei, ZHANG Min, WU Yi-yan, WANG Yuan-yi( 35 )
- Optimization of Purification Technology for Total Flavonoids and Cyanogenetic Glycosides in Leaves of *Sorbus tianschanica* by Macroporous Resin ..... HE Jia-wei, CHANG Jun-min, ZHANG Wei, LIU Yu-hua, WANG Yan( 38 )
- Investigation of Factors Influencing Stability of Five-dimensional Lysine Oral Solution ..... SUN Ling( 43 )
- Analysis of Cleansing Mechanism of *Aconitum kusnezoffii* ..... HOU Yue-fei, DU Hong, WANG Zhe, LIU Hong-yu, LI Fei, TAN Peng, YANG Lei( 45 )

<b>Effects of Different Pretreatment Methods on Vacuum Reflux Extraction Technology of <i>Epimedium brevicornum</i></b> .....	YANG Jun-xuan, HUANG Yuan-hong, CHEN Hong-jing, WAN Rong ( 48 )
<b>On-line Determination of Free Radicals Scavenging Effect of SMS and YQFM by HPLC-ABTS-DAD</b> .....	WANG Yu-qing, ZHU Dan-ni, KOU Jun-ping, YU Bo-yang( 51 )
<b>Content Determination of Total Flavonoids in Resina Draconis by Colorimetric Method</b> .....	WANG Jian-zhuang, LV Hua-chong( 55 )
<b>Determination of Eight Nucleosides in Rhizoma Arisaema, Rhizoma Pinellie and Rhizoma Typhonii</b> .....	HUANG Jiao, YI Jin-hai, LIU Yu-hong, HUANG Zhi-fang, CHEN Yan, LIU Yun-hua( 59 )
<b>Determination of Total Polysaccharides in Different Growth Phase of Puerariae Lobatae Radix</b> .....	JI Bao-yu, PEI Li-xin, CHEN Sui-qing, DONG Cheng-ming, FENG Wei-sheng( 63 )
<b>Studies on Fingerprint of Akebiae Fructus by HPLC-ELSD</b> .....	YU Huang-peng, LI Zhi-feng, MENG Yue-hua, HE Ming-zhen, SU Dan, FENG Yu-lin, YANG Shi-lin( 66 )
<b>Study on Quality Standard of Peituqingxin Granules</b> .....	XUE Su-qin, CHEN Da-can, TAN Zhi-can, Liu Jun-feng, MOU Xiu-mei ( 70 )
<b>HPLC Fingerprint of Shixiao San</b> .....	ZHOU Xi, CHEN Pei-dong, ZHANG Li, DING An-wei( 73 )
<b>Thinking and Practice of the Classification of Fupian ( Heishunpian) on the Basis of the Concept of Three-Step</b> .....	CHEN Yi-ran, WANG Yun-wei, HUANG Yong-liang, AI Li, WU Chun-jie( 77 )
<b>Study on Dissolution Test of Breviscapine Pill</b> .....	HUANG Xiao-yan, DING Ye, ZHENG Jin-feng, LI Wen-li( 82 )
<b>Simultaneous Determination of Four Active Compounds in <i>Chimonanthus nitens</i> by HPLC</b> .....	CUI Xiao-di, LI Meng-jie, ZHOU Bin, LI Jie, CHENG Dan, ZHENG Peng-wu( 85 )
<b>Determination of Alkaloids in Phelodendri Amurensis Cortex by HPLC</b> .....	LIU Ying, LI Shi-song, LIU Juan( 88 )
<b>Study on Qualitation and Quantitation of <i>Coptis chinensis</i> in the Qingshen Granule</b> .....	SHI Jin-min, WEI Liang-bin, LI Rao-rao, JIA Lu, ZHANG Zhi-jie, GU Xue-zhu( 91 )
<b>Quality Evaluation of <i>Rabdosia rubescens</i> in Henan</b> .....	LI Gao-shen, ZHANG Wei, PENG Tao, GUO Mei-zhen( 94 )
<b>Content Comparison of Catalpol and Acteoside in <i>Rehmannia glutinosa</i> with Different Varieties from Genuine Producing Area</b> .....	YANG Yun, ZHANG Hua-feng, LIU Jiong, ZHANG Jie, LIU Fu-gang, WEI Bing( 97 )
<b>Establishment of Quality Standard of Pingweishu Capsules</b> .....	XU Nai-yu, ZHANG Shi-chao, TIAN Tian, YANG Shu-min, LIU Jiang-yun, HAO Li-li, FANG Zheng( 101 )
<b>HPLC Determination of Hyperin in Compound Hypericum Perforatum Dropping Pills</b> .....	YU Ning, HE Cheng-hui, XING Jian-guo( 104 )
<b>Analysis of Volatile Constituents in <i>Amomum kravanh</i> from Various Habitats by GC-MS</b> .....	FENG Xu, LIANG Chen-yan, NIU Jin-ying, GUO Rui, ZHANG Xuan-wei( 107 )
<b>HPLC Fingerprint of Guiubushen Pills</b> .....	LI Wen-jing, HONG Bo( 115 )
<b>Chemical Constituents of <i>Petasites japonicus</i></b> .....	WANG Guang-yin, XUE Jie-hua, GUO Fu-jiang, LI Yi-ming( 115 )
<b>Analysis of Volatile Chemical Constituents from Two Species of Elsholtzia Herb by HS-SPME-GC-MS</b> .....	LI Jia, LIU Hong-yan, ZHANG Yong-qing( 118 )
<b>Fluorescence Spectroscopic Studies on Interaction of Astragaloside IV and Cycloastragenol with Bovine Serum Albumin</b> .....	LUO Zhi-qiang, ZHANG Yu-jie, SUN Qing, WEI Bao-hong, LIU Xing, WANG Xiong-fei, YUAN Rui-juan( 123 )
<b>Different Origin of <i>Citrus aurantium</i> Raw Herbs and Their Extracts Infrared Spectroscopy</b> .....	HUYI Lige, WANG Chao-lu, SUN Su-qin, TU Ya( 127 )
<b>GC-MS Analysis and Bioactivity of Essential Oil from <i>Dasymaschalon rostratum</i></b> .....	SONG Huang-wang, SONG Xin-ming, HAN Chang-ri, YANG Lu-jia, DENG Wen, DUAN Hong-ye, SUN Li-jun ( 132 )
<b>Chemical Constituents of Ethyl Acetate Extract from <i>Ailanthus altissima</i></b> .....	MO Xiao-yu, MAI Jing-biao( 136 )
<b>FTIR-Raman Analysis of Ginkgolide B</b> .....	LIU Hui( 139 )
<b>Research on Total Sugar, Reducing Sugar and Soluble Polysaccharide Content Change in Ginseng Radix et Rhizoma from Different Growth Period</b> .....	JIANG Xian-gang, LIU Hai-long, ZHANG Hui, GUO Huan-yu, QU Xin-ming( 142 )
<b>Establishment of X-Ray Diffraction Fingerprint for <i>Natrii Sulfas Exsiccatus</i></b> .....	YOU Yu, FU Chao-me, CHEN Qiu-wei, NIE Ying-jun, HU Hui-ling( 145 )
<b>Relativity Analysis of Rutin Content and Traditional Specification Drade of <i>Farfarae Flos</i></b> .....	LING Shan, YI Bing-xue, GONG Qian-feng, XIAO Yong-qing( 147 )
<b>Determination of Harmful Elements in <i>Cervi Cornus Colla</i> Based on Microwave Digestion and ICP-AES Technology</b> .....	SHI Yan, XIAO Xin-yue, WEI Feng, XIONG Jing, MA Shuang-cheng, LIN Rui-chao( 151 )

<b>Determination of Macroporous Resin Residues in Extract of <i>Swertia pseudochinensis</i> by Headspace Gas Chromatography</b>	CHANG Zeng-rong, FU Xin-tong, LIU Ying(153)
<b>Simultaneous Determination of Notoginsenoside R<sub>1</sub>, Ginsenoside Rg<sub>1</sub>, and Ginsenoside Rb<sub>1</sub> in Chinese Formula KLW by UPLC-MS-MS</b>	CHEN Fei, LIN Xiao-lan, XI Hai-wei, ZHUANG Wei, LI Xiao-ling(156)
<b>Simultaneous Determination of Retusine and Pogostone in <i>Pogostemon cablin</i> by HPLC</b>	ZHANG Ying-mei, CHEN Hai-ming, WU Xiao-li, SU Zu-qing, ZENG Hui-fang, SU Zi-ren(160)
<b>Determination of Aristolochic Acid A in Qingxueneixiao Pills by LC-MS-MS</b>	GAN Sheng, HAN Ting, LIU Hua-gang, SHI Xiao-guang, WU Chao-quan(163)
<b>Determination of Artemisinin and Chrysosptertin B in <i>Laggera Pterodonta</i></b>	LI Shu-hua, ZHANG Zhi-jing, LIU Fang(168)
<b>Determination the Content of Ethylene Glycol and Diethylene Glycol in Glycerol Samples Using Gas Chromatography</b>	ZHAO Xin, XIAO Yu-ping, HUANG Rong-lin, HUANG Bi-yun(171)
<b>Determination of Naringin and Naringenin in Rat Liver Microsomes by UPLC</b>	LIN Jing-ran, DENG Shao-dong, XIAO Feng-xia, LIN Li, DENG Tao, ZHAGN Xu-qian(175)
<b>Preparation and <i>in vivo</i> Pharmacokinetics in Rats of Nimodipine Nanostructured Lipid Carries</b>	WANG Hong-yuan, LIU Qiang, ZHANG Yun-jie, WANG Ying, ZHOU Min jing, YANG Chun-rong(178)
<b>Effect of Glycyrrhetic Acid on the Plasma Concentration of Kaempferol in Rats</b>	QIN Yuan, ZHOU Neng, GONG Qi, ZHOU Zhen(183)
<b>Effects of Gualou Xiebai Decoction on Myocardial Ischemia-reperfusion Injury</b>	LI Ming-ming, HUAN Fang, HAN Lin-tao, LIANG Wei, WANG Ya-wei, WANG Li-qun, XIA Yan-ping, CUI Yi-yi, LI Qiang(188)
<b>Effects of Wuzi Jiangtang Fang on the GLUT4 Expression in Skeleton Muscle of Type 2 Diabetic Rats</b>	WANG Ya, DONG Yu-shan, LA Xiao-jin, GAO Xiu-juan, LI Ji-an, WANG Hui-min, HE Bao-ling(193)
<b>Preventive Effect of Haobie Yangxin Ruajian Prescription on Hepatic Fibrosis Induced by CCl<sub>4</sub></b>	SHUAI Hong-li, FANG Bu-wu, XING Wei, LIU Jie-ying(197)
<b>Effect of Beta-asarone on Adriamycin-induced Cardiomyocyte Injury in Suckling Mouse</b>	WANG Rui, JIN Ming-shun, WANG Wei, LIU Jian-hua, LIU Han, WANG Xiao-li(202)
<b>Effect of Xinfukang Oral Liquid on CK-MM mRNA and CK-MM Protein Expression Level in Rat's Heart Failure Model after Myocardial Infarction</b>	HU Yuan-hui, DU Bai, FANG Su-ping, MA Tie-ming, FENG Xuan-chao, JIANG Bei, YANG Zheng(206)
<b>Effect of Tianshu Capsule on Migarine Model Induced by Reserpine</b>	SUN Xiao-ping, LV Xin-yong, LIU Li-na, ZHOU Jun, WANG Zhen-zhong, XIAO Wei(210)
<b>Effect of Platelet Rich Plasma Combined with Bone Marrow Mesenchymal Stem Cells in Treatment of Rabbit Femoral Head Necrosis</b>	DU Gang, LI Lin, ZHANG Bo, WEI Cheng-shou, TANG Jun, HUANG Ke(213)
<b>Effects of Vinegar Processing <i>Cyperus rotundus</i> on the Expression and Function of P-glycoprotein in Caco-2 Cells</b>	LI Shu-wen, HU Zhi-fang(217)
<b>Enhancing Effect of Constituents Absorbed into Blood after Oral Administration of Liuwei Dihuang Wan on Killing Hepatocarcinoma Cells with HSV-tk/GCV System</b>	DU Biao-yan, ZHOU Yao, YI Hua, ZHANG Guang-xian, TAN Yu-hui, WU Ying-ya, GUO Yu-rong, LUO Hui(220)
<b>Influence of Dihuang Yinzi on the Content of Serotonin Receptors in Hippocampal of Rat with Poststroke Depression</b>	FAN Wen-tao, WANG Qian, LIU Bai-yan(224)
<b>Protection Effect and Antioxidation of <i>Polygonatum sibiricum</i> Polysaccharide on Liver Function in Cisplatin-induced Hepatotoxicity Rats</b>	LI Chao-yan, ZHOU Yuan-yuan, WANG Fu-qing, GUO Fu-lian(229)
<b>Protective Effects of Alcohol Extract of <i>Kadsura heteroclita</i> on Acute Hepatic Injury Induced by Carbon Tetrachloride in Rats</b>	SHEN Fang-yi, GE Hai-ying, ZENG Rong(232)
<b>Preliminary Study on Soothing Liver and Choleretic Effects of <i>Bupleurum chinese</i> and its Processed Products</b>	ZHAO Jing-li, GAO Hong-mei(235)
<b>Pharmacodynamics and Nasul Ciliotoxicity of ZhiBing Nasal Cavity In-situ Gels</b>	DONG Fu-rong, LIU Li, ZHU Hong-xia, CHEN Zhi-liang, LIU Qiang(239)
<b>Root of <i>Actinidia chinensis</i> Planch Induces Anoikis in Colon Carcinoma RKO Cells</b>	HU Bing, SHEN Ke-ping, SHI Xiu-feng, DENG Shan, WEI Meng-meng(242)
<b>Pharmacodynamic Observation of Qingre Jiedu Decoction Improve Survival on Rats Experimental Sepsis</b>	LIU Da-quan, GAO Qiao-ying, WU Shang-wei, LI Dong-hua, LIU Hong-bin(246)
<b>Pharmacological Comparison between Traditional Decoction and Machine Decoction of Sijunzi Tang</b>	XU Qiu-xiang, YU Hong-li, WU Hao, YU Feng-qiang, ZHU Yun-han, TANG Li-juan(250)

<b>Effect of Compound Phenytoin Sodium Gel on Restoration of the Wound's Surface and Bacterial Infection .....</b>	SUN Jiang-qiao, LIU Chao-ying(255)
<b>Effects of Compound Cordyceps Militaris on Immunity Function and Lymphocyte Proliferation in Spleen of Mice .....</b>	GAO Qing, LONG Jun, JIAN Li-xin, JIAN Zhi-wei, PAN Su-hua(259)
<b>Safety Evaluation of Three Traditional Chinese Medicine Injections .....</b>	XIE Jian, WANG Jun-cheng, WANG Ai-wu(263)
<b>Study on the Effect of Bamboo Leaves Extract on Free Radical Metabolism of Rats Experiencing Exhaustive Exercise .....</b>	LIU Li-jiang, XIONG Zheng-ying, WU Chuan-bao(268)
<b>Effects of Beta-asarone on the Behavior and Expressions of MKP-1, MSK-1, CREB and Bcl-2 in the Hippocampus in Rat Model of Depression .....</b>	ZHAO Chun-ming, ZHANG Xiao-jie, DONG Hai-ying, LI Shan-shan, SUN Yu-rong(272)
<b>Studying of Apoptosis of SGC-7901 Cell Induced by Zhishi Xiaopi Wan .....</b>	WU Yao-song, PENG Gui-jun(278)
<b>Uptake Determination of Guanfu Base I in Caco-2 Cells .....</b>	WANG Rui, YU Tong, CHU Yan-le, WANG Lin-xi, LI Xiao-tian(282)
<b>Effects of Extract from Persicae Semen Spatial Learning Memory and Anti-fatigue in Dementia Mice .....</b>	JIN Hui-ling, ZHANG Hong-ying(285)
<b>Establishment of Rat Spleen Yang Deficiency Syndrome Insomnia Model and Effect of Fuzi Lizhong Decoction on It .....</b>	WEI Yi, TANG Han-qing, LI Ke-ming, LI Xiao-hua, ZHU Xiao-ying(289)
<b>Curative Effect Observation on Mongolian SA Dew de Di + Xieri GA-4 Soup for Early Diabetic Nephropathy .....</b>	LIU Sa-ren, ZHANG Chun-hua, WU Guo-hua(293)
<b>Effect of Intestinal Mucosa Permeability, Endotoxin Blood and Ammonia of Severe Hepatitis Treated with Multi-ways Administration of Chinese Medicine .....</b>	WANG Yu-liang, DANG Zhong-qin, ZHANG Guang-yu, ZHANG Yu-feng, XI Yu-hong(297)
<b>Shugan Liqi Zhixie Tang in Treatment of 68 Patients with Diarrhea-predominant Irritable Bowel Syndrome .....</b>	FU Qiang, XU Dong-sheng, JIANG Shi-qin(301)
<b>Influence of Traditional Chinese Medicine Combined with Atorvastatin on Prognosis, Blood Lipid and Inflammation in Borderline Lesion Coronary Heart Disease .....</b>	LI Feng-mei, LONG Xun(305)
<b>Clinical Investigation of RPH Combined with Hemorrhoidlysant Injection in the Treatment of Hemorrhoids for 80 Cases .....</b>	DONG Jia-rong, MAO Xu-ming, ZHOU A-gao, LI Yan, ZHAO Qiu-ping(308)
<b>Effect of Complex Banmao Capsules Combined with FOLFOX4 Regimen on Immune Function and Quality of Life in Advanced Gastrointestinal Malignancies Patients .....</b>	CHE Jian-hua, YAN Yong-qing, LAO Xiao-fang(312)
<b>Effect of Interval Time and Different Dosages on Induced Labor Outcome on Mid Pregnancy by Misoprostol in Vaginal .....</b>	CHEN Hui-juan(315)
<b>The Therapeutic Effects of Replenishing Qi Invigorating Spleen and Expelling Phlegm on Pediatric Pulmonary Pneumonia in Convalescence .....</b>	LU Hong-jin, DONG Chao, YIN Yan, GAO Xiao-lin, ZHANG Jian-ming, ZHANG Qin(318)
<b>Effect of Xuezikang Capsule on Inflammatory Factors, Endothelial Function and Carotid Atherosclerotic Plaques in Patients with Unstable Angina Pectoris .....</b>	LIU Hong-jun, WANG Li-hua, WEI Wen-hong(322)
<b>Clinical Observation on Flavored Shixiao San in Treatment of Reflux Esophagitis in 67 Cases .....</b>	ZHANG Yan, JIN Jin, ZHANG Lin(328)
<b>Clinical Observation on Homemade Lung Cancer Prescription in Treatment of Tanyu Zufei Type Lung Cancer .....</b>	YIN Ji-wang(331)
<b>Observation of Curative Effect of Rosuvastatin Combined with Qizhi Tongluo Capsule in Acute Cerebral Infarction Patients with Normal Cholesterol .....</b>	LI Luo-ming, WANG Tan, CHEN Zhi-bin(336)
<b>Meta Analysis of Buyang Huanwu Decoction Intervening Prodromal Symptoms of Stroke .....</b>	XU Qian, CHEN Xin-lin, SHEN Geng, MO Chuan-wei, LI Xian-tao(339)
<b>Zhisou San in Treating Cough Induced by Infections Based on Randomized Clinical Trials-Meta-analysis .....</b>	JING Jing, GAO Zhen, LIAO Chun-yan, LI Feng-sen(343)
<b>Progress on Model of Component Formula in Chinese Medicine .....</b>	SHENG Hua-gang(349)

Responsible editor: HE Wei