

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

2013年9月 第19卷 第17期  
September Vol.19 No.17

17  
2013

# 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 17 期 2013 年 9 月 5 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)
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)
主 编	姜廷良
社 长	蔡仲德
总 编	
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
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
印 刷	北京昌平百善印刷厂 (102211 北京昌平区百善镇)
国内发行	北京报刊发行局 (100055 北京丰台区莲花池东路 126 号)
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
国内邮发代号	2-417
国外发行	北京国际图书贸易总公司 (100044 北京 399 信箱)
国外邮发代号	SM4655
标准刊号	ISSN 1005-9903
	CN 11-3495/R
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

## 目 次

### · 工艺与制剂 ·

- 自微乳浸提串联浊点浓缩分离蛇床子中香豆素类化合物的工艺优选 ..... 岳春华, 郑礼涛, 李坤平( 1 )
- 参玉口服液澄清工艺优选 ..... 孙立霞, 常桂娟, 李秋萌, 张楠楠, 白雪媛, 赵大庆( 4 )
- 南五味子总木脂素软胶囊制备工艺优选 ..... 胡正芳, 柳燕, 李除夕, 刘萌, 丁菲, 贾树田( 8 )
- 乌头汤不同配伍对单酯型乌头生物碱含量的影响 ..... 张言, 桂蜀华, 谢友良, 谭庆龙, 卢瑞琦, 李国卫, 邱继远( 11 )
- 响应面法优化连翘中桦木酸超声辅助提取工艺 ..... 张生, 王宇, 王少明, 魏焕勇, 郭盛磊, 阎秀峰( 15 )
- 星点设计-效应面法优化沙棘黄酮提取物分散片处方 ..... 申雪丽, 袁勇, 黄川生, 王新春, 尹俊涛( 19 )
- 不同炮制方法对续断饮片中川续断皂苷 VI, X 含量的影响 ..... 樊媛洁, 翟永松, 王满元( 22 )
- 正交设计优化四生颗粒的醇提工艺 ..... 刘松山, 谈静, 陈佳, 袁强华, 宋英( 25 )
- 正交试验优选枸杞多糖的超声波降解工艺 ..... 李越鲲, 刘兰英, 周旋, 安巍, 曹有龙( 28 )
- 盐酸川芎嗪氯化钠注射液处方和制备工艺改进 ..... 程亮, 聂飞, 杨群慧, 肖勤, 熊晓明( 30 )
- 正交试验法优选健胃清肠合剂的水提醇沉工艺 ..... 姜玲艳, 张小华, 张宏武, 王磊, 刘效栓, 李喜香( 35 )
- 杏仁组织中蛋白质实验室提取方法优化 ..... 高芳( 38 )
- HPLC 测定桉叶止咳糖浆中盐酸麻黄碱的不确定度评价 ..... 寇光, 刘玲, 陶松, 汤韶明, 甘晓云, 饶毅( 41 )
- 槟榔炒制过程中不同炮制品的指纹图谱分析 ..... 何晓燕, 刘玉杰, 黄永亮, 吴纯洁( 44 )
- 复方脑清胶囊中三七的醇提取工艺优选 ..... 梁惠珍, 李先荣, 王瑞明( 47 )

骨松健骨颗粒的提取工艺优选	杜天信,殷娜,杜志谦,李洁,王秀真,罗石任,张毅(50)
· 化学与分析 ·	
QAMS 测定一清颗粒中大黄蒽醌类成分含量	李东影,冯伟红,王智民,张启伟,陈两绵,杨菲,吉丽娜(53)
GC 测定香榧假种皮挥发油中 $\alpha$ -蒎烯、 $\beta$ -蒎烯和柠檬烯含量	薛海萍,侯剑伟,杨骏,孙雯沁,丁越,张彤(57)
双波长 HPLC 同时测定黄连及金芪降糖片中 6 种生物碱的含量	陈芳,邓雁如,许妍妍,夏娜,高璫(60)
苦参药材中氧化苦参碱和苦参总黄酮含量比较	高红宁,殷奕(66)
GC 法测定炮制辅料羊脂油中油酸的含量	黄兰岚,杨立新,石金敏,李娆娆,顾雪竹,麻印莲,方婧,田甜(70)
HPLC 指纹图谱法评价市售胖大海的质量一致性	王如峰,安燕南,袁铭,吴秀稳,丁怡(73)
一测多评法测定复方土荆皮酊中 3 种二萜类成分的含量	李晓翠,苗爱东(77)
HPLC 同步测定天舒胶囊 3 种成分的含量	梁娟娟,高慧敏,陈两绵,王智民,张启伟,萧伟,王振中,王永炎(81)
西南山茶果皮化学成分	尚志春,宋明明,史丽颖,于大永,唐玲,王永奇(85)
UPLC 法测定半夏提取物中尿苷、鸟苷和腺苷的含量	何丹,杨林,秦少容,张景勍(87)
维吾尔药白蜡树子质量标准	希尔艾力·吐尔逊,吐鲁洪·卡地尔,库尔班尼沙,古力山,曼尔丹,阿吉艾克拜尔·艾萨(90)
鸡眼睛正丁醇部位化学成分	周雯,刘智,王海军,廖尚高,许祖超,李勇军(93)
益智仁化学成分的分离与鉴定	石绍淮,张晨宁,刘爱敬,李欢,毕开顺,贾英(97)
鹰爪花挥发油 GC-MS 分析及抗肿瘤活性研究	王燕,陈文豪,陈光英,宋小平,张大帅,平媛媛(100)
龙胆掩味前后指纹图谱变化	李学林,仇继玺,刘瑞新,张杏芬,李慧玲,施钧瀚(104)
无名异的质量控制	陈新梅,王集会(107)
9 种蓼科植物抗菌活性	王培卿,张稼楠,刘瑜新,李昌勤,康文艺(109)
复方黄白胶囊的多波长融合 HPLC 指纹图谱	方芳,王晶,方舟,雷力力,孟繁颖,方洪壮(113)
黄白止痢颗粒质量标准	丁兆朋,郝智慧,杨芬芳,逢丽萍(117)
柱前衍生 HPLC 分析酸枣仁汤中多糖的单糖组成	刘宇,娄燕,张耀文,王铁杰,毕开顺,李清(121)
HPLC 测定丹芍方提取物中丹皮酚、芍药苷的含量	代丽萍,谢小龙,鲁艳清,王娟(127)
HPLC-ELSD 法测定健脾益肾胶囊中黄芪甲苷的含量	聂颖兰,范斌,郭娜,彭娟,闫寒(130)
炮制辅料吴茱萸汁的质量标准	韩旭阳,边宝林,李娆娆,王智民,闫利华,麻印莲,方婧(132)
HPLC 测定醒脑静注射液中莪术二酮及吉马酮的含量	杨立新,刘薇薇,甘国锋,周福康,何希荣,李春(136)
调经种玉丸定性定量研究	钱芳,刘志辉,陆超(139)
滋阴生发颗粒质量标准	喻明洁,陈青竹,戴青,廖勇,向荣凤,蔡永清,陈勇川(143)
青藤碱透皮贴剂的含量及释放度测定	王婴,王岩(146)
HPLC 测定定心藤中汉防己碱的含量	庞礼雄,曾树贞,莫其斌(149)
RP-HPLC 测定羟苯磺酸钙含量及有关物质	于梦,刘文乔,高瑞芳,王忠元,赵怀清(152)
UPLC 同时测定甘草及甘草浸膏中的甘草苷和甘草酸	杨式华,孔兰芬,董胜强,邹悦,李伟,侯英(157)
清肝利胆口服液中对羟基苯乙酮含量的测定	李小妹,梁咏,康志英,王德秀,蔡春玲,麻印莲,于定荣(160)
· 资源与鉴定 ·	
长清产 3 个品系栝楼果皮的红外光谱三级鉴定	于京平,李佳,张永清,康玉秋,周凤琴,范英才,孙素琴(163)

不同生境对粗毛淫羊藿光合色素与次生代谢物质的影响分析	熊厚溪,周涛,刘光海,郭兰萍,张小波,陈传艺,肖承鸿(167)
承德产山楂叶中总黄酮和 5 种黄酮类成分含量的动态分析	王肖,杜义龙,赵胜男,潘海峰(171)
· 药物代谢 ·	
血液微透析技术分析阿魏酸口服给药后药代动力学过程	刘聪敏,白洁,杜守颖,陆洋,李鹏跃(176)
金银花-连翘配伍比例对有效成分溶出和大鼠体内药动学的影响	林以宁,高茹,张萌,高缘(180)
川楝子提取物在大鼠肠外翻试验中吸收特性考察	王岚,王伟,杨伟鹏,梁日欣,李鹏跃,王彦礼,胡楠,成龙,侯瑞,王怡薇,殷小杰(184)
蟾酥提取物中 3 种蟾蜍甾烯类成分比格犬体内药代动力学	刘冬,何秀峰,杜守颖,王爱国,代春红,顾雪竹,赵立敏(188)
外翻肠囊法研究白芷有效组分对配伍“对药”有效成分肠吸收的影响	梁新丽,赵国巍,罗云,张婧,朱梦良,曹运朝,廖正根(193)
· 药理 ·	
卷柏中穗花杉双黄酮降血糖作用	郑晓珂,苏成福,张莉,高爱社,克迎迎,袁培培,王小兰,张鑫,冯卫生(198)
银杏叶类脂成分与聚戊烯醇的协同抑菌作用	陶冉,王成章,孔振武(203)
糖代谢异常综合征大鼠中医证型的以方测证法研究(I)	姜楠,张冰冰,蒲纪,张文顺,马贤德,石岩(211)
白及不同提取部位抗耐甲氧西林金黄色葡萄球菌的体内外活性	彭美,万峰,熊亮,彭成,陈放(217)
丹红注射液对脑缺血缺氧损伤的保护作用	李美娇,郭虹,刘青青,景浩然,王少峡,柴丽娟,胡利民(221)
茵黄合剂对雌孕激素共诱导妊娠肝内胆汁淤积症大鼠胆汁酸转运蛋白 MRP2 与 BSEP 表达的影响	刘佳,侯莉莉,赵翠英(225)
补中益气汤含药血清对 A549/DDP 中 p-Akt 和 P-gp 表达的影响	易佳丽,井欢,王莹,刘亚莉,刘春英(229)
补心方对慢性心衰大鼠脑钠肽、肌钙蛋白 I 及高能磷酸盐的影响	苑春元,周华,戎靖枫,史文静,刘茜,瞿惠燕,黄牧华,封舟(235)
夜香树甾体皂苷抑制人肝癌裸鼠移植瘤的研究	农智新,赵世元,张明艳,黄之虎,叶海洪,钟振国,李彩萍(239)
逍遥散对大鼠阿尔茨海默病模型前额叶皮质 PP-2A 和 GSK-3 $\beta$ 的影响	李高申,刘建涛,赵唯贤,郭梅珍,李宜培,王保伟(244)
僵蚕单体化合物抗惊厥活性	郭晓恒,严铸云,刘涛,宋登敏,李晓华(248)
四妙勇安汤含药血清对高糖/高胰岛素诱导的兔 VSMC 增殖的影响及其机制	于洪静,李秋梅,张宝文,姜孜(251)
盐制杜仲对去势大鼠骨密度及血清 IGF-I 的影响	童妍,李娜,李锐,吴晓青(255)
化浊解毒方含药血清对 H <sub>2</sub> O <sub>2</sub> 诱导的大鼠肝星状细胞氧化应激的影响	郭敏,李佃贵(258)
银杏叶提取物对乳腺癌 MCF-7 细胞增殖、凋亡及 Caspase-3 表达的影响	赵晶丽,史琳(262)
苦参碱改构体 X 对人鼻咽癌 CNE1 细胞的凋亡诱导作用	陈俊,唐安洲,谢貌,王立升,张俊,孙恺,廖婷(266)
哈蟆油石油醚提取物的抗抑郁作用	游杰舒,石晋丽,张硕峰,段慧慧,史淑宁,郭建友(271)
藏药巴桑母酥油丸对放射线-化学复合损伤小鼠红系造血功能的影响及机制	降央泽仁,杨林,黄茜,黄晓芹(275)
益肾达络饮对实验性自身免疫性脑脊髓炎 TNF- $\alpha$ 的影响	关东升,高颖(279)

牡丹皮中丹皮酚的抗焦虑作用	孙世光,刘健,韩英华,宋毅斐,鹿岩(283)
丹蛭降糖胶囊对实验性糖尿病大鼠降糖作用	徐先祥,汪宁卿,夏伦祝,方朝晖(288)
夜香树甾体皂苷抗人肝癌裸鼠移植瘤的研究	赵世元,张明艳,李彩萍,黄之虎,叶海洪,农智新,钟振国(291)
<b>· 毒理 ·</b>	
雄黄肝脏毒性的病理形态学特征	高双荣,梁爱华,戴宝强,王丽芳,李桂琴,刘婷,李春英,曹春雨,王海林,易艳,郝然,赵雍,回连强,夏晶,曹帅,李丽敏,季申(295)
<b>· 临床 ·</b>	
甲氨蝶呤联合雷公藤多苷治疗老年类风湿关节炎	杨敏,周润华,李宝贞,许佳,石宇红,莫汉有(300)
康艾注射液对恶性肿瘤化疗患者肾脏功能保护的作用机制	魏明刚,熊佩华,张玲,费梅,孙伟(304)
肾舒颗粒治疗慢性肾盂肾炎 46 例	黄玲,林慧,吴琼诗,黄春新(309)
天麻钩藤饮加减治疗重度子痫前期的临床评价	金力荣,陈桂英,张春霞,陈禹华,姜子荣(313)
清热解毒开窍醒神法治疗重症手足口病 90 例	赵健雄,何玉明,马孝涛,聂广(316)
丹红化瘀口服液治疗单纯型糖尿病视网膜病变	朱惠明,江玉,李玲,余好(320)
早熟中药方治疗特发性性早熟女童临床疗效	陈永辉,凌科,高晓林,王霞,麻建辉(324)
补肾化瘀中药外敷联合帕米膦酸二钠改善骨转移癌痛	王芳,冯利,张平,高音(327)
益气养心汤对气阴两亏型慢性心力衰竭患者脑钠素及炎性细胞因子水平的影响	寇建荣(330)
补中益气汤联合舒利迭治疗支气管哮喘	金丽萍,徐霖伟(334)
彩色多普勒超声仪观察中西医结合诱导排卵的疗效	杨丽终,杨蕴(337)
炎琥宁辅助头孢米诺佐治小儿支气管肺炎	金红芳(340)
消栓胶囊对气虚血瘀型缺血性中风的疗效和血流变学、血管内皮功能的影响	杨海燕,朱盼龙,王新志(342)
补肺益阳化痰中药治疗对稳定期 COPD 患者的肺功能及生命质量的影响	李翠(347)
<b>· 数据挖掘 ·</b>	
基于文本挖掘探索心律失常药物治疗规律	刘学文,蔡峰,郑光,姜森,吕爱平(350)
<b>· 综述 ·</b>	
自噬在阿尔茨海默病中的作用及中药的干预作用	章梦琦,万莉红,滕燕,王文(355)
药用辅料羟丙基甲基纤维素在制剂中的应用	武慧超,杜守颖,陆洋,黎迎,李鹏跃,陈振振(360)
猪苓药材质量影响因素及质量评价的研究进展	鲁文静,周密,梁宗锁(366)
新型辅料卡波姆在凝胶剂中应用现状	郭红叶,伊博文,闫小平,王承华,刘宇(371)
<b>· 信息 ·</b>	
欢迎订阅 2014 年度《中国实验方剂学杂志》	( 49 )
欢迎订阅 2014 年《中国中医药信息杂志》	( 76 )
《中国中药杂志》2014 年征订启事	( 187 )
《天津中医药》2014 年征订启事	( 192 )
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 \* 374 \* zh \* P \* ￥35.00 \* 5000 \* 97 \* 2013-17

本期责任编辑:全燕

# CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly

Established in October, 1995

Vol. 19 No. 17

September 2013

## Responsible Institution

State Administration of Traditional Chinese Medicine  
(1, Gongtixilu, 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

- Optimization of Separation and Extraction Technology for Coumarins from Cnidii Fructus by Self-Microemulsion Connection Cloud-Point Concentration Method ..... YUE Chun-hua, ZHENG Li-tao, LI Kun-ping( 1 )
- Optimization of Clarification Process of Shenyu Oral Liquid ..... SUN Li-xia, CHANG Gui-juan, LI Qiu-meng, ZHANG Nan-nan, BAI Xue-yuan, ZHAO Da-qing ( 4 )
- Optimization of Preparation Technology for Total Lignans from Schisandrae Sphenantherae Fructus Softcapsules ..... HU Zheng-fang, LIU Yan, LI Chu-xi, LIU Meng, DING Fei, JIA Shu-tian( 8 )
- Effects of Different Compatibility on Contents of Monoester-Alkaloids from Aconiti Radix Cocta in Aconitum Decoction ..... ZHANG Yan, GUI Shu-hua, XIE You-liang, TAN Qing-long, LU Rui-qi, LI Guo-wei, QIU Ji-yuan( 11 )
- Optimization of Ultrasound-Assisted Extraction Technology for Betulinic Acid from Forsythiae Fructus by Response Surface Methodology ..... ZHANG Sheng, WANG Yu, WANG Shao-ming, WEI Huan-yong, GUO Sheng-lei, YAN Xiu-feng( 15 )
- Optimization of Formulation of Seabuckthorn Flavonoids Extract Dispersible Tablets by Central Composite Design/Response Surface Methodology ..... SHEN Xue-li, YUAN Yong, HUANG Chuan-sheng, WANG Xin-chun, YIN Jun-tao( 19 )
- Effects of Different Processing Methods on Contents of Asperosaponin VI and Asperosaponin X in Dipsaci Radix ..... FAN Yuan-jie, ZHAI Yong-song, WANG Man-yuan( 22 )
- Optimization of Ethanol Extraction Process for Sisheng Granules with Orthogonal Test ..... LIU Song-shan, TAN Jing, CHEN Jia, YUAN Qiang-hua, SONG Ying( 25 )
- Optimization of Ultrasonic Degradation Technology for Polysaccharides from Lycii Fructus by Orthogonal Test ..... LI Yue-kun, LIU Lan-ying, ZHOU Xuan, AN Wei, CAO You-long( 28 )
- Improvement of Formulation and Preparation Technology of Ligustrazine Hydrochloride and Sodium Chloride Injection ..... CHENG Liang, NIE Fei, YANG Qun-hui, XU Qin, XIONG Xiao-ming( 30 )
- Optimization of Water Extraction and Alcohol Precipitation Technology for Jianwei Qingchang Mixtures by Orthogonal Test ..... JIANG Ling-yan, ZHANG Xiao-hua, ZHANG Hong-wu, WANG Lei, LIU Xiao-shuan, LI Xi-xiang ( 35 )
- Optimization of Laboratory Extraction Method for Tissue Proteins in Armeniacae Semen Amarum ..... GAO Fang( 38 )
- Optimization of Ethanol Extraction Process for Notoginseng Radix et Rhizoma in Compound Naoqing Capsules ..... LIANG Hui-zhen, LI Xian-rong, WANG Rui-ming( 47 )
- Optimization of Extraction Process of Gusong Jiangu Granules ..... DU Tian-xin, YIN Na, DU Zhi-qian, LI Jie, WANG Xiu-zhen, LUO Shi-ren, ZHANG Yi( 50 )

<b>Evaluation of Uncertainty for Determination of Ephedrine Hydrochloride in Anye Zhike Syrup by HPLC .....</b>	KOU Guang, LIU Ling, TAO Song, TANG Shao-ming, GAN xiao-yun, RAO Yi( 41 )
<b>Fingerprint Analysis of Different Processed Products of Arecae Semen in Frying Process .....</b>	HE Xiao-yan, LIU Yu-jie, HUANG Yong-liang, WU Chun-jie( 44 )
<b>Determination of Four Anthraquinones in Yiqing Granules by QAMS .....</b>	LI Dong-ying, FENG Wei-hong, ZHANG Qi-wei, WANG Zhi-min, CHEN Liang-mian, YANG Fei, JI Li-na( 53 )
<b>Simultaneous Determination of <math>\alpha</math>-Pinene,<math>\beta</math>-Pinene and Limonene in Volatile oil from Aril of <i>Torreya grandis</i> by GC .....</b>	XUE Hai-ping,HOU Jian-wei, YANG Jun, SUN Wen-qin,DING Yue,ZHANG Tong( 57 )
<b>Simultaneous Determination of Six Alkaloids in Coptidis Rhizoma and Jinqi Jiangtang Tablets by Double Wavelengths and HPLC .....</b>	CHEN Fang, DENG Yan-ru, XU Yan-yan, XIA Na, GAO Ying( 60 )
<b>Comparative Study on Contents of Oxymatrine and General Flavone in <i>Sophora Flavescens</i> from Different Habitats .....</b>	GAO Hong-ning, YIN Yi ( 66 )
<b>Content Determination of Oleic Acid in <i>Capra hircus</i> or <i>Ovis aries</i> by Gas Chromatography .....</b>	HUANG Lan-lan, YANG Li-xin, SHI Jin-min, LI Rao-rao, GU Xue-zhu, MA Yin-lian, FANG Jing, TIAN Tian( 70 )
<b>Quality Coherence Evaluation of the Seeds of <i>Sterculia lychnophora</i> Commercially Available in China Based on HPLC Fingerprint .....</b>	WANG Ru-feng, AN Yan-nan, YUAN Ming, WU Xiu-wen, DING Yi( 73 )
<b>Quantitative Method Using One Marker for Simultaneous Assay of Three Diterpenoids in Fufang Tujingpiding .....</b>	LI Xiao-cui, MIAO Ai-dong( 77 )
<b>Simultaneous Determination of Three Constituents in Tianshu Capsule by HPLC .....</b>	LIANG Juan-juan, GAO Hui-min, CHEN Liang-mian, WANG Zhi-min, ZHANG Qi-wei, XIAO Wei, WANG Zhen-zhong, WANG Yong-yan( 81 )
<b>Research on Chemical Constituents of Peels of <i>Camellia pitardii</i> .....</b>	SHANG Zhi-chun, SONG Ming-ming, SHI Li-ying, YU Da-yong, TANG Ling, WANG Yong-qi( 85 )
<b>Determination of Content of Uridine, Guanosine and Adenosine in <i>Pinellia ternata</i> by UPLC .....</b>	HE Dan, YANG Lin, QIN Shao-rong, ZHANG Jing-qing( 87 )
<b>Quality Evaluation of Uyghur Herbal Medicine <i>Fraxinus sogdiana</i> Seed .....</b>	XIRALI-Tursun, TURGUN-Kadir, Kurbanisa, Gulxan, Mardan, HAJI AKBER-Aisa( 90 )
<b>Chemical Constituents of Butanol Fraction of <i>Euscaphis japonica</i> .....</b>	ZHOU Wen, LIU Zhi, WANG Hai-jun, LIAO Shang-gao, XU Zu-chao, LI Yong-jun( 93 )
<b>Isolation and Identification of Chemical Constituents from <i>Alpinia oxyphylla</i> .....</b>	SHI Shao-huai, ZHANG Chen-ning, LIU Ai-jing, LI Huan, BI Kai-shun, JIA Ying( 97 )
<b>GC-MS Analysis and Bioactivity of Essential Oil from <i>Artabotrys hexapetalus</i> .....</b>	WANG Yan, CHEN Wen-hao, CHEN Guang-ying, SONG Xiao-ping, ZHANG Da-shuai, PING Yuan-yuan(100)
<b>Changes of Fingerprints of Radix Gentianae before and after Taste Masking .....</b>	LI Xue-lin, QIU Ji-xi, LIU Rui-xin, ZHANG Xing-fen, LI Hui-ling, SHI Jun-han(104)
<b>Quality Controlling Methods of Pyrolusite .....</b>	CHEN Xin-mei, WANG Ji-hui(107)
<b>Studies on Antibacterial Activities of Nine <i>Polygonaceae</i> Plants .....</b>	WANG Pei-qing, ZHANG Xiang-nan, LIU Yu-xin, LI Chang-qin, KANG Wen-yi(109)
<b>Multi Wavelength Fusion HPLC Fingerprint of Compound Huangbai Capsules .....</b>	FANG Fang, WANG Jing, FANG Zhou, LEI Li-li, MENG Fan-ying, FANG Hong-zhuang(113)
<b>Quality Standard of Huangbaizhili Granules .....</b>	DING Zhao-peng, HAO Zhi-hui, YANG Fen-fang, PANG Li-ping(117)
<b>Analysis of Monosaccharide Compositions in Suanzaoren Decoction Polysaccharides by Pre-column Derivatization High Performance Liquid Chromatography .....</b>	LIU Yu, LOU Yan, ZHANG Yao-wen, WANG Tie-jie, BI Kai-shun, LI Qing(121)
<b>Quantitative Determination of Paeonol and Paeoniflorin in Extraction of Danshao Formula by HPLC .....</b>	DAI Li-ping, XIE Xiao-long, LU Yan-qing, WANG Juan(127)
<b>Determination of Astragaloside IV in Jianpi Yishen Capsules by HPLC-ELSD .....</b>	NIE Ying-lan, FAN Bin, GUO Na, PENG Juan, YAN Han(130)
<b>Quality Standard for Evodiae Juice, an Adjuvant Material of Processing .....</b>	HAN Xu-yang, BIAN Bao-lin, LI Rao-rao, WANG Zhi-min, YAN Li-hua, MA Yin-lian, FANG Jing(132)
<b>Simultaneous Determination of Curdione and Germacrone in Xingnaojing Injection Using High Performance Liquid Chromatography .....</b>	YANG Li-xin, LIU Wei-wei, GAN Guo-feng, ZHOU Fu-kang, HE Xi-rong, LI Chun(136)
<b>Qualitative and Quantitative Analysis on Tiaojing Zhongyu Pills .....</b>	QIAN Fang, LIU Zhi-hui, LU Chao(139)
<b>Quality Standard of Ziyin Shengfa Granules .....</b>	YU Ming-jie, CHEN Qing-zhu, DAI Qing, LIAO Yong, XIANG Rong-feng, CAI Yong-qing, CHEN Yong-chuan(143)
<b>Content and Release Degree Determination of Sinomenine Transdermal Patch .....</b>	WANG Ying, WANG Yan(146)
<b>Determination of Tetrandrine in <i>Mappianthus iodoides</i> by HPLC .....</b>	PANG Li-xiong, ZENG Shu-zhen, MO Qi-bin(149)

<b>Determination of Calcium Dobesilate and its Related Substances by RP-HPLC</b>	..... YU Meng, LIU Wen-qiao, GAO Rui-fang, WANG Zhong-yuan, ZHAO Huai-qing(152)
<b>Determination of Liquiritin and Glycyrrhizic Acid in Radix Glycyrrhizae and Extractum Glycyrrhizae by UPLC</b>	..... YANG Shi-hua, KONG Lan-fen, DONG Sheng-qiang, ZOU Yue, LI Wei, HOU Ying(157)
<b>Determination of Hydroxyacetophenone in Qingganlidan Oral Solution</b>	..... LI Xiao-mei, LIANG Yong, KANG Zhi-ying, WANG De-xiu, CAI Chun-ling, MA Yin-lian, YU Ding-rong (160)
<b>Identification of Peels Among Three Strains of <i>Trichosanthes kirilowii</i> in Changqing by Multi-steps Infrared IR Macro-fingerprint Method</b>	..... YU Jing-ping, LI Jia, ZHANG Yong-qing, KANG Yu-qiu, ZHOU Feng-qin, FAN Ying-cai, SUN Su-qin(163)
<b>Effect of Different Habitats on Contents of Photosynthetic Pigments and Secondary Metabolites of <i>Epimedium acuminatum</i></b>	..... XIONG Hou-xi, ZHOU Tao, LIU Guang-hai, GUO Lan-ping, ZHANG Xiao-bo, CHEN Chuan-yi, XIAO Cheng-hong(167)
<b>Dynamic Analysis of Total Flavonoids and Five Flavonoid Components in Hawthorn Leaves from Chengde</b>	..... WANG Xiao, DU Yi-long, ZHAO Sheng-nan, PAN Hai-feng(171)
<b>Pharmacokinetics Analysis of Ferulic Acid after Oral Administration in Rats by Blood Microdialysis Technique</b>	..... LIU Cong-min, BAI Jie, DU Shou-ying, LU Yang, LI Peng-yue(176)
<b>Effects of Different Compatibility Proportions of <i>Lonicerae Japonicae Flos</i> and <i>Forsythiae Fructus</i> on Dissolution of Active Ingredients and <i>in vivo</i> Pharmacokinetics in Rats</b>	..... LIN Yi-ning, GAO Ru, ZHANG Meng, GAO Yuan(180)
<b>Absorption Characteristics Investigation of Extract from <i>Toosendan Fructus</i> in Rat Everted Gut Test</b>	..... WANG Lan, WANG Wei, YANG Wei-peng, LIANG Ri-xin, LI Peng-yue, WANG Yan-li, HU Nan, CHENG Long, HOU Rui, WANG Yi-wei, YIN Xiao-jie(184)
<b>Simultaneous Determination and Pharmacokinetics of Three Bufadienolides in Dogs</b>	..... LIU Dong, HE Xiu-feng, DU Shou-ying, WANG Ai-guo, DAI Chun-hong, GU Xue-zhu, ZHAO Li-min(188)
<b>Influence of Active Compounds of <i>Angelicae Dahuricae Radix</i> on Intestinal Absorption of Active Components of Compatibility of Drug Pairs Using Everted Gut Sac Model</b>	..... LIANG Xin-li, ZHAO Guo-wei, LUO Yun, ZHANG Jing, ZHU Meng-liang, CAO Yun-chao, LIAO Zheng-gen(193)
<b>Anti-diabetic Activity of Amentoflavone in <i>Selaginella tamariscina</i> in Diabetic Mice</b>	..... ZHENG Xiao-ke, SU Cheng-fu, ZHANG Li, GAO Ai-she, KE Ying-ying, YUAN Pei-pei, WANG Xiao-lan, ZHANG Xin, FENG Wei-sheng(198)
<b>Antimicrobial Synergy between Polyprenols and other Lipids Isolated from <i>Ginkgo Folium</i></b>	..... TAO Ran, WANG Cheng-zhang, KONG Zhen-wu(203)
<b>Syndrome Identification of Abnormal Glucose Metabolism in Metabolic Syndrome Rat Based on Syndrome Detecting from Recipe Used</b>	..... JIANG Nan, ZHANG Bing-bing, PU Ji, ZHANG Wen-shun, MA Xian-de, SHI Yan(211)
<b>Research on Antibacterial Active Fraction of <i>Bletilla striata</i> against Methicillin-Resistant <i>Staphylococcus aureus</i></b>	..... PENG Fu, WAN Feng, XIONG Liang, PENG Cheng, CHEN Fang (217)
<b>Protected Effects of Danhong Injection on Cerebral Hypoxic-ischemic Injury</b>	..... LI Mei-jiao, GUO Hong, LIU Qing-qing, JING Hao-ran, WANG Shao-xia, CHAI Li-juan, HU Li-min(221)
<b>Effect of Yinhuang Mixture on Expression of MRP2 and BSEP in Rats with Intrahepatic Cholestasis of Pregnancy Induced by Estrogen and Progesterone</b>	..... LIU Jia, HOU Li-li, ZHAO Cui-ying(225)
<b>Effect of Serum Containing Buzhong Yiqi Decoction on p-Akt and P-gp of Human Lung Adenocarcinoma Cells A549/DDP</b>	..... YI Jia-li, JING Huan, WANG Ying, LIU Ya-li, LIU Chun-ying(229)
<b>Effect of Buxin Decoction on Content of B-type Natriuretic Peptide, Troponin I, Adenosine Triphosphate in Rats with Chronic Heart Failure after Myocardial Infarction</b>	..... YUAN Chun-yuan, ZHOU Hua, RONG Jing-feng, SHI Wen-jing, LIU Qian, QU Hui-yan, HUANG Mu-hua, FENG Zhou(235)
<b>Antitumor Effects of Steroidal Saponins of <i>Cestrum nocturnum</i> (SSCN) on Human Hepatocellular Carcinoma Xenografts in Nude Mice</b>	..... NONG Zhi-xin, ZHAO Shi-yuan, ZHANG Ming-yan, HUANG Zhi-hu, YE Hai-hong, ZHONG Zhen-guo, LI Cai-ping(239)
<b>Effect of Xiaoyao San on Prefrontal Cortex PP-2A and GSK-3 in Alzheimer's Disease Rat Model</b>	..... LI Gao-shen, LIU Jian-tao, ZHAO Wei-xian, GUO Mei-zhen, LI Yi-pei, WANG Bao-wei(244)
<b>Anticonvulsive Activity of Three Compounds Isolated from <i>Beauveria bassiana</i></b>	..... GUO Xiao-heng, YAN Zhu-yun, LIU Tao, SONG Deng-min, LI Xiao-hua(248)
<b>Anti-proliferative Effects and Mechanisms of Serum Containing Simiao Yongan Decoction on Rabbit Aortic Smooth Muscle Cells During the Insulin Resistance State</b>	..... YU Hong-Jing, LI Qiu-mei, ZHANG Bao-wen, JIANG Mei(251)
<b>Effects of Salt-processing Eucommiae Cortex on BMD and Serum IGF-I in Rats after Ovariectomy</b>	..... TONG Yan, LI Na, LI Rui, WU Xiao-qing(255)
<b>Effect of Serum Containing Huazhuo Jiedu Recipe on the Oxidative Stress of Cultured Hepatic Stellate Cells</b>	..... GUO Min, LI Dian-gui(258)
<b>Effects of <i>Ginkgo biloba</i> Extract on Proliferation, Apoptosis and Caspase-3 Expression in Human Breast Cancer</b>	.....

<b>MCF-7 Cells</b>	ZHAO Jing-li, SHI Lin(262)
<b>Effect of Matrine Modification X on Apoptosis of Human Nasopharyngeal Carcinoma CNE1 Cells</b>	CHEN Jun, TANG An-zhou, XIE Mao, WANG Li-sheng, ZHANG Jun, SUN Kai, LIAO Ting(266)
<b>Antidepressant Effects of Petroleum Ether Extracts from Ranae Oviductus</b>	YOU Jie-shu, SHI Jin-li, ZHANG Shuo-feng, DUAN Hui-hui, SHI Shu-ning, GUO Jian-you(271)
<b>Effect of Traditional Tibetan Tonic Prescription Basangmu Suyou wan on Erythropoiesis Function and Underlying Mechanism in Mice with Joint Radiation and Chemical Injury</b>	JIANG-Yang-ze-ren, YANG Lin, HUANG Qian, HUANG Xiao-qin(275)
<b>Effects of Yishen Daluo Decoction on TNF-<math>\alpha</math> in Experimental Autoimmune Encephalomyelitis</b>	GUAN Dong-sheng, GAO Ying (279)
<b>Anxiolytic-like Effect of Active Phenolic Components from Moutan Cortex in Kunming Mice Animal Models</b>	SUN Shi-guang, LIU Jian, HAN Ying-hua, SONG Yi-fei, LU Yan(283)
<b>Anti-diabetic Effects of Danzhi Jiangtang Capsule on Experimental Diabetic Rats</b>	XU Xian-xiang, WANG Ning-qing, XIA Lun-zhu, FANG Zhao-hui(288)
<b>In Vivo Antitumor Effects of Steroidal Saponins from <i>Cestrum nocturnum</i> Linn. (SSCN) on Human Hepatocellular Carcinoma Xenografts in Nude Mice</b>	ZHAO Shi-yuan, ZHANG Ming-yan, LI Cai-ping, HUANG Zhi-hu, YE Hai-hong, NONG Zhi-xin, ZHONG Zhen-guo(291)
<b>The Morphological Characteristics of Liver Toxicity by Realgar</b>	GAO Shuang-rong, LIANG Ai-hua, DAI Bao-qiang, WANG Li-fang, LI Gui-qin, LIU Ting, LI Chun-ying, CAO Chun-yu, WANG Hai-lin, YI Yan, HAO Ran, ZHAO Yong, HUI Lian-qiang, XIA Jing, CAO Shuai, LI Li-min, JI Shen(295)
<b>Clinical Observation on Treatment of Rheumatoid Arthritis with Tripterygium Wilfordii Polyglycoside Combined with Methotrexate</b>	YANG Min, ZHOU Run-hua, LI Bao-zhen, XU Jia, SHI Yu-hong, MO Han-you(300)
<b>Clinical Study of Protecting Renal Function by Kangai Injection in Cancer Patients Treated with Chemotherapy</b>	WEI Ming-gang, XIONG Pei-hua, ZHANG Ling, FEI Mei, SUN Wei(304)
<b>46 Cases of Chronic Pyelonephritis Treatment of Shenshu Granules</b>	HUANG Ling, LIN Hui, WU Qiong-shi, HUANG Chun-xin(309)
<b>Clinical Effect of Tianma Gouteng Decoction in Treating Severe Preeclampsia Patients</b>	JING Li-rong, CHEN Gui-ying, ZHANG Chun-xia, CHEN Yu-hua, JIANG Zi-rong(313)
<b>90 Cases of Heat-clearing Detoxifying Resuscitation Method on Patients with Severe Hand-foot-and-mouth Disease</b>	ZHAO Jian-xiong, HE Yu-ming, MA Xiao-tao, NIE Guang (316)
<b>Efficacy of Danhong Huayu in Treatment of Diabetic Retinopathy</b>	ZHU Hui-ming, JIANG Yu, LI Ling, YU Shu (320)
<b>To Observe Early Clinical Research of Prescription in Treatment of Endocrinopathy Precocious Puberty Girls</b>	CHEN Yong-hui, LIN Ke, GAO Xiao-lin, WANG Xia, MA Jian-hui(324)
<b>Clinical Observation on Relieving Pain in Bone Metastasis Patients by Pamidronate Disodium Combined with Bushen Huayu Chinese Medicine</b>	WANG Fang, FENG Li, ZHANG Ping, GAO Yin(327)
<b>Impact of Yiqi Yangxin Decoction on Brain Natriuretic Peptide and Inflammatory Cell Factor Levels in Patients with Chronic Heart Failure of Qi and Yin Deficient Type</b>	KOU Jian-rong(330)
<b>Clinical Observation on Buzhong Yiqi Decotion Combined with Seretide on Patients with Bronchial Asthma</b>	JIN Li-ping, XU Lin-wei(334)
<b>Application of Follicle Score System by Transvaginal Ultrasound in Anovulatory Patients Based on Traditional Chinese Medicine in Combination with Western Medicine</b>	YANG Li-zhong, YANG Yun(337)
<b>Effect of Yanhuning Supplementing Cefminox in Treatment of Children Bronchial Pneumonia</b>	JIN Hong-fang(340)
<b>Effect of Xiaoshuan Capsule on Hemorheology and Vascular Endothelial Function in Patients with Cerebral Ischemic Stroke of Qi Deficiency and Blood Stasis Type</b>	YANG Hai-Yan, ZHU Pan-long, WANG Xin-zhi(342)
<b>Efficiency of Chinese Herbal Medicine with Buwei Yiyang Huatan in Treating Chronic Obstructive Pulmonary Disease Patients in Stationary Phase of Pulmonary Function and Influence on Quality of Life</b>	LI Cui(347)
<b>Explore Medication Principle of Treating Arrhythmia Based on Text Mining</b>	LIU Xue-wen, CAI Feng, ZHENG Guang, JIANG Miao, LV Ai-ping(350)
<b>Role of Autophagy in Alzheimer's Disease and Modulation of Traditional Chinese Medicine</b>	ZHANG Meng-qi, THENG Yan, WANG Wen, WAN Li-hong(355)
<b>Application of Pharmaceutical Excipients Hydroxy Propyl Methyl Cellulose in Preparation</b>	WU Hui-chao, DU Shou-ying, LU Yang, LI Ying, LI Peng-yue, CHEN Zhen-zhen(360)
<b>Quality Evaluation Standards and Factors Affecting Quality of <i>Polyporus umbellatus</i></b>	LU Wen-jing, ZHOU Mi, LIANG Zong-suo(366)
<b>Application Status of Carbomer in Gel Preparations</b>	GUO Hong-ye, YI Bo-wen, YAN Xiao-ping, WANG Cheng-hua, LIU Yu(371)

Responsible editor: TONG Yan