

# 中国实验方剂学杂志

## Zhongguo Shiyang Fangjixue Zazhi

半月刊

1995年10月创刊

第17卷

第7期

2011年4月5日出版

主 编 姜廷良  
社 长 蔡仲德  
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  
协 办 中国中医科学院西苑医院  
中药固体制剂制造技术国家  
工程研究中心  
北京首儿药厂  
编辑出版 中国实验方剂学杂志社  
地 址 北京市东直门内南小街16号  
邮 编 100700  
电 话 (010)64014411 转 2849  
传 真 (010)84076882  
E-mail syfjx\_2010@188.com  
网 址 www.syfjxzz.com  
广告代理 北京福奥广告有限公司  
Tel: (010)51070335/485/497  
E-mail: bjfaad@163.com  
印 刷 山西三和印刷有限责任公司  
国内发行 北京市报刊发行局  
国外发行 北京国际图书贸易总公司  
100044, 北京 399 信箱  
订 阅 全国各地邮局  
国内邮发代号 2—417  
国外邮发代号 BM4655  
出版日期 2011年4月5日  
标准刊号 ISSN 1005-9903  
CN 11-3495/R  
广告经营许可证 京东工商广字第0029号  
国内定价 每期25元, 全年600元

### 目 次

#### · 工艺与制剂 ·

- 析因设计法研究炮制对吴茱萸中3种主要成分的影响 ..... 张晓凤, 刘红玉, 杨蕾, 李飞(1)
- 正交试验优选甘遂醋制最佳工艺 ..... 李媛, 张丽, 单鸣秋, 丁安伟(4)
- 当归固体发酵后水提取工艺优选 ..... 王英姿, 韩春超, 张超(7)
- 正交法配合药效指标综合筛选木香切制工艺 ..... 张旭, 侯影, 贾天柱(9)
- 大孔吸附树脂对牛蒡子中牛蒡苷的纯化工艺研究 ..... 孙瑜, 何凡, 窦德强, 康廷国(13)
- 正交设计优选癌痛消颗粒的成型工艺 ..... 谭安蕾, 蒋林, 韦艾凌(16)
- 金芍胶囊微波真空干燥工艺 ..... 蒋东旭, 王德杭, 黄有带, 景运条, 赖小平(19)
- 血竭中血竭素的提取方法比较 ..... 邱碧茵, 陈军霞, 卞凌, 潘林梅(22)
- 伸筋草总生物碱提取工艺 ..... 何凡, 刘威, 徐秋阳, 于跃龙(25)
- 以高尿酸血症小鼠模型优选痛风定颗粒的提取工艺 ..... 杨田义, 杨培民, 冯明建, 代龙(28)
- 正交试验优选心衰宁合剂水提工艺 ..... 张建玲, 贺祝英, 吴红梅(30)
- 超微粉与普通粉田七痛经胶囊比较研究 ..... 易延透, 张璐, 刘莉, 郑飞, 刘强(34)
- 栀子果实干燥工艺优选研究 ..... 黄锐, 唐灿, 姚健, 陈红(37)
- 延胡索总生物碱纯化工艺 ..... 孙静, 张明, 张小飞(40)

· 化学与分析 ·

- HPLC 法快速测定通脉颗粒中葛根素和阿魏酸 ..... 刘春旭, 张颖, 刘东春, 刘建勋(44)
- 毛细管气相色谱法测定红药贴膏中 4 种活性成分的含量 ..... 张一鸣, 王洁, 胡明勋, 郝增燕, 陈安家(47)
- 药用植物乌头净制机制研究 ..... 吕永磊, 李珊, 李向日, 李飞(50)
- HPCE 测定脑力宝丸中远志皂苷元和远志酸 ..... 王洁, 曹冲, 张一鸣, 陈安家(54)
- 不同产地细辛挥发油的 GC-MS 分析 ..... 杜成智, 陈玉萍, 覃洁萍, 冯军(57)
- 不同炮制方法对吴茱萸中 3 种指标性成分含量的影响研究 ..... 赵金明, 张振秋(60)
- HPLC 测定苓翘抗感颗粒中黄芩苷的含量 ..... 费超, 陈然, 曹杰, 张海鸣, 方睿, 刘子沐, 杜树山(63)
- 活血养阴颗粒质量标准研究 ..... 陈士翠, 鞠建明(65)
- HPLC 测定岩黄连生物总碱中脱氢卡维丁、盐酸巴马汀和盐酸小檗碱 ..... 胡芳, 陆免林, 毛春芹, 王静(68)
- 超高压液相色谱-串联质谱法分析中药中甲胺磷残留物 ..... 肖竦(72)
- 肝复康片质量标准研究 ..... 文萍, 王凤林, 余良忠, 虞金宝(74)
- 赶山鞭中金丝桃苷的 HPLC 测定 ..... 叶绿萍, 刘小意, 陆海鹏, 廖厚知, 韦作干(78)
- 抗血小板凝集药物三氟柳的合成 ..... 段艳冰, 刘实, 陆晓和(80)
- HPLC-ELSD 测定前列舒乐颗粒中的黄芪甲苷 ..... 张彤, 黄顺旺(82)
- 麝香祛痛喷雾剂的质量标准研究 ..... 刘剑, 于德才(84)
- 泽泻饮片质量控制方法研究 ..... 刘文琴, 余无双, 周丽姣, 罗金龙, 龚嘉华, 谢一辉(87)
- 广陈皮与陈皮 HPLC 指纹图谱的建立与鉴别 ..... 郭念欣, 李颖春, 谢伟桥, 余建乐, 姬生国(90)
- 山胡椒叶及果实挥发性成分分析 ..... 孙慧玲, 王俊霞, 顾雪竹, 康文艺(94)
- 棕榈花蕾化学成分研究 ..... 卢汝梅, 张宏建, 谭新武, 李兵(97)
- 白木香果皮提取物的抗菌活性 ..... 李浩华, 章卫民, 高晓霞, 吴关庆, 陈玉婵, 王磊(100)

· 资源 ·

- 冬凌草植株再生过程中冬凌草甲素的积累机制 ..... 苏秀红, 史应强, 董诚明, 叶海东(104)
- 黄花蒿发根的生长及部分代谢成分的特征研究 ..... 邹婷, 张霖, 陈晶磊, 陈韶华, 王剑文(108)
- 壮药三角泡的显微及紫外光谱鉴别 ..... 陆海琳, 韦建华, 韦志英, 吴怀恩, 谭莺, 韦松基(114)

· 药理 ·

- 复方巴戟天合剂对激素性股骨头坏死大鼠血管内皮生长因子表达的影响 ..... 孙克民, 王和鸣, 林久茂(117)
- 杜仲对紫外线致 ESF-1 细胞光老化保护作用的研究 ..... 徐艳明, 张宁, 井丽巍, 陈巧云, 祁永华, 李建民(120)
- 黄连解毒汤方和不同极性部位的活性筛选 ..... 李欢, 朱华旭, 潘林梅, 郭立玮, 钱智磊(124)
- 维药菊苣提取物对小鼠急性酒精性肝损伤的保护作用 ..... 秦冬梅, 胡利萍, 曹文疆, 王新春, 张永军, 张跃新(128)
- 人参二味胶囊对糖尿病大鼠血糖、血脂的影响 ..... 顾红岩, 吴金环, 白素芬, 吕建东, 王亚, 喇万英(132)
- 安神定志灵对 ADHD 模型鼠前额叶皮质和纹状体多巴胺 D1, D2 受体表达的影响 ..... 刘成全, 韩新民, 徐建亚, 桑锋, 尹东奇, 倪新强, 李亚群(136)

丹参注射液对老龄大鼠血液流变学指标和红细胞膜胆固醇的影响 .....	牛雯颖,袁良杰,韩翠翠,姜广坤,肖洪彬(140)
化痰祛痰方药及其拆方含药血清对脂多糖诱导的人脐静脉内皮细胞炎症因子表达的影响 .....	贾连群,杨关林,任路,冯峻屹,陈文娜,曹阳,张林(144)
左归丸含药血清对大鼠骨髓间充质干细胞骨向分化中碱性磷酸酶含量的影响 .....	徐凌霄,高俊,张前德(149)
固本益肾胶囊对小鼠免疫功能的影响 .....	傅毓,秦惠龙,罗琦,何志雄,贾小翠,马骏(153)
东北刺人参茎叶提取物对环磷酰胺致免疫抑制小鼠免疫功能的影响 .....	胡彦武(156)
三七总皂苷对免疫性肝损伤小鼠的保护作用 .....	汪永忠,姜辉,张家富,孙文静(159)
莪术对糖尿病肾病大鼠的保护作用 .....	胡婉素,刘帆,王杰(163)
新疆昆仑雪菊 5 种提取物对 $\alpha$ -葡萄糖苷酶活性的影响 .....	张燕,李琳琳,木合布力·阿布力孜,王丽凤,景兆均,毛新民(166)
川芎嗪注射液对心梗后大鼠缺血心肌血管新生及 VEGF-mRNA 表达的影响 .....	张淑娟,王振涛,韩丽华,柴松波(170)
补阳还五汤干预代谢综合征血管性血友病因子的研究 .....	崔翰博,韩涛,张东钰,鞠翡翠(173)
麻黄附子细辛汤和小青龙汤对过敏性鼻炎豚鼠作用的研究 .....	王维赋,谭晓梅,梁少瑜,胡元利,张明明,李桃(176)
肾衰保肾胶囊改善腺嘌呤诱导大鼠肾间质纤维化的机制初探 .....	徐鹏,迟继铭,王今朝,李淑菊,于梅,刘娜,张佩青(179)
香延止痛方治疗原发性痛经的研究 .....	杜静,王东梅(183)
金烫宝烧烫伤喷雾剂治疗烧烫伤创面愈合的研究 .....	罗先钦,刘剑毅,黄思行,何沛霖,梅小利,张莉(186)
芍药苷对大鼠离体胸主动脉血管环的作用及其机制 .....	彭珍香,黄海定,邓时贵(190)
黄连巴布膏抗消化性溃疡的药效学研究 .....	王岚,刘淑芝,王彦礼,梁日欣,杜茂波,杨庆,殷小杰(194)
熄风静宁汤对小鼠免疫功能的影响 .....	李燕,徐荣谦,王俊宏,古文财,夏桂选,张晶洁(198)
当归散对正常和缩宫素处理大鼠离体子宫活动力的影响 .....	张建英,楚更五,刘秀萍,聂坚(201)
均匀设计法用于乳腺增生动动物模型复制的研究 .....	罗伦才,季小平,黄兰雅,李列平,邢晋苓,刘志康(204)
地黄饮子对慢性脑低灌注大鼠学习记忆及海马 AChE, ChAT 的影响 .....	白黎明,张晓双,武苗,杨瑞(207)
RG-14260 增强子宫内膜癌细胞化疗敏感性研究 .....	邓守恒,周保锋,喻雄杰,瞿萍,徐华,曹凤军(210)
草苈蓉苯丙素苷对肺癌细胞周期分布和凋亡的影响 .....	金延华,刘春彦,金爱花,许惠仙,尹学哲(213)
大鼠离体肾灌注技术评价尿肝型脂肪酸结合蛋白在马兜铃酸致肾损伤中的价值 .....	周绮,张泽安,金若敏(216)
· 药物代谢 ·	
钩藤与天麻配伍前后异钩藤碱在 SHR 大鼠肝脏和肾脏的分布 .....	张卫国,李晓倩,王兴,王萍,王敏智,李莹(220)

银屑灵与肿节风中异嗪皮啉的药代动力学比较 ..... 余靖宏,楼步青,赵瑞芝,卢传坚(224)

· 临床 ·

吉贝咳喘汤治疗慢性阻塞性肺病 ..... 韩云霞,葛正行,李德鑫,靳风云(227)

新生儿退黄合剂的剂型改良及临床疗效 ..... 高福君(230)

芪苈强心胶囊治疗慢性充血性心力衰竭 ..... 高建步,杨守忠,李玉东(233)

无痕皮伤药治疗 100 例热皮伤临床观察 ..... 梁玉勇,侯天武(235)

益气活血通络汤治疗缺血性脑中风 64 例 ..... 周超杰(237)

补肾疏肝化痰法治疗青春期肥胖型多囊卵巢综合征 30 例 ..... 周艳艳,胡晓华(239)

固冲汤加减联合西药治疗围绝经期功能失调性子宫出血 56 例 ..... 王新花(241)

· 综述 ·

雷公藤肝毒性及其作用机制的研究进展 ..... 柴智,周文静,高丽,王永辉,樊慧杰,周然(243)

代谢组学与中医药现代化研究 ..... 苏桃,陆兔林,毛春芹,李林(247)

Wnt/ $\beta$ -catenin 信号通路在肝癌转移侵袭中的调控机制 ..... 贺松其,姚飞龙,吕志平,程阳,李嘉璐(252)

神经性疾病相关的谷氨酸转运体研究进展 ..... 杨娜,隋峰,姜廷良(255)

中药复方对拟血管性痴呆模型损伤级联反应影响的研究进展 ..... 许成勇,黄泉智,王发渭(259)

天龙抗肿瘤研究进展 ..... 刘玉军,李刚,马睿,代龙(262)

超氧化物歧化酶参与肝损伤的研究进展 ..... 王君明,崔瑛,王峰涛,季莉莉,崔永霞,刘海,王长虹(265)

红外光谱技术在中药炮制研究中的应用与展望 ..... 王丹,卜海博,李向日(269)

对补气生血配伍理论研究概况的反思 ..... 赵益,刘红宁,朱卫丰,孙有智(272)

黄芪防治肺纤维化的研究现状 ..... 栾增强,曹文富(275)

分子生物学在中药复方药理研究中的应用 ..... 朱化珍,陈德兴(278)

桃核承气汤研究概况 ..... 魏洪玉,王泽颖(281)

· 基层园地 ·

清热通胰汤治疗重症胰腺炎 19 例 ..... 国向东,朱洪春,谢晓辉(284)

复方麝香注射液配合脑保护剂治疗急性脑梗死 59 例 ..... 罗海龙,赵维纳,张丽荣(285)

自拟催乳汤治疗产后 37 例缺乳 ..... 王春香,陈桂莲,龙梅(286)

痰热清治疗小儿急性支气管炎 84 例 ..... 赵云红(287)

针灸、推拿结合神经生长因子治疗脊髓型颈椎病 ..... 王勤俭,杨蒙,杜旭召(288)

丹地化痰汤治疗哮喘急性发作 62 例 ..... 贺小丽(289)

· 信息 ·

征订,本刊网上投稿,简讯,稿约 ..... (24,77,162,223,290)

[期刊基本参数]CN11-3495/R \* 1995 \* s \* 16 \* 290 \* zh \* P \* ¥25.00 \* 5000 \* 88 \* 2011-07

本期责任编辑: 蔡仲德

# CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE( Semimonthly)

Started in October, 1995

Volume 17 Issue 7 April 2011

## Editor-in-Chief

JIANG Ting-liang

## Proprieter

CAI Zhong-de

## Responsible Institution

State Administration of Traditional Chinese  
Medicine

## Sponsored by

Institute of Chinese Materia Medica, China  
Academy of Chinese Medical Sciences  
Committee of Chinese Materia Medica, China  
Society of Integrated Traditional Chinese and  
Western Medicine

## Edited and published by

Editorial Department of Chinese Journal of  
Experimental Traditional Medical Formulae

Address: 16 Nanxiaojie, Dongzhimennei  
Beijing 100700, China

Tel:0086-10-64014411-2849

Fax:0086-10-84076882

E-mail:syfjx\_2010@188.com

Http://www.syfjxzz.com

## Printed by

Shanxi Sanhe Printing Co. Ltd.

## Overseas Distributor

China International Book Trading Corporation,  
PO Box 399, Beijing 100044, China

2011, Vol. 17 Issue 7

Publication date

April 5, 2011

ISSN 1005-9903

CN 11-3495/R

## CONTENTS IN BRIEF

- Influence of Processing on Three Main Components of Euodiae Fructus Studied by Factorial Design Method** .....  
ZHANG Xiao-feng, LIU Hong-yu, YANG Lei, LI Fei( 1 )
- Optimization of Preparation Processing Technique of Kansui Radix Stir-baked with Vinegar by Orthogonal Experiment** .....  
LI Yuan, ZHANG Li, SHAN Ming-qiu, DING An-wei( 4 )
- Optimizing Water Extraction Conditions for Solid-fermented *Angelica sinensis*** ..... WANG Ying-zi, HAN Chun-chao, ZHANG Chao( 7 )
- Optimization of Cutting Technology Associated with Pharmacodynamic Index for Aucklandiae Radix by Orthogonal Design** .....  
ZHANG Xu, HOU Ying, JIA Tian-zhu( 9 )
- Study on Purification of Arctiin from *Arctium lappa* by Macroporous Resin** ..... SUN Yu, HE Fan, DOU De-qiang, KAN Ting-guo(13)
- Selection on Optimal Molding Technology of Aitongxiao Granules by Orthogonal Design** ..... TAN An-qiang, JIANG Lin, WEI Ai-ling(16)
- Research on Microwave Vacuum Drying Process of Jinshao Capsule**  
..... JIANG Dong-xu,  
WANG De-hang, HUANG You-dai, JING Yun-tiao , LAI Xiao-ping(19)
- Comparative Study on Extraction of Dracorhodin from *Draconis Sanguis***  
..... QIU Bi-han, CHEN Jun-xia, BIAN Ling, PAN Lin-mei(22)
- Study on Extraction of Total Alkaloids from *Lycopodium japonicum*** ...  
..... HE Fan, LIU Wei, XU Qiu-yang, GAO Wan-nan(25)
- Screen Extraction Process of Tongfengding Granules by Mouse Model of Hyperuricemia** .....  
..... YANG Tian-yi, YANG Pei-min, FENG Ming-jian, DAI Long(28)
- Study on Optimizing Technological Condition of Water Extraction for Xinshuaining Mixtures by Orthogonal Design** .....  
..... ZHANG Jian-ling, HE Zhu-ying, WU Hong-mei(30)
- Comparative Study on Ultramicro Powder and Common Powder of Tianqitongjing Capsule** .....  
..... YI Yan-kui, ZHANG Lu, LIU Li, ZHEN Fei, LIU Qiang(34)
- Optimization of Gardeniae Fructus Drying Technology** .....  
..... HUANG Rui, TANG Can, YAO Jian, CHEN Hong(37)
- Studies on Purification Technology of Total Fumaric Alkaloids** .....  
..... SUN Jing, ZHANG Ming, ZHANG Xiao-fei(40)

<b>Simultaneous and Rapid Determination of Puerarin and Ferulic Acid in Tongmai Granule by HPLC</b> .....	LIU Chun-xu, ZHANG Ying, LIU Dong-chun, LIU Jian-xun(44)
<b>Determination of Four Active Components in Hongyao Strapping by Capillary Gas Chromatography</b> .....	ZHANG Yi-ming, WANG Jie, HU Ming-xun, HAO Zeng-yan, CHEN An-jia(47)
<b>Study on Cleaning Mechanism of <i>Aconitum carmichaeli</i></b> .....	LV Yong-lei, LI Shan, LI Xiang-ri, LI Fei(50)
<b>Determination of Senegenin and Polygalacic Acid in Naolibao Pill by HPCE</b> .....	WANG Jie, CAO Chong, ZHANG Yi-ming, CHEN An-jia(54)
<b>Analysis of Volatile Oil in <i>Asarum</i> from Various Habitats by GC-MS</b> .....	DU Cheng-zhi, CHEN Yu-ping, QIN Jie-ping, FENG Jun(57)
<b>Determination of Baicalin in Qinqiao Kanggan Granules by HPLC</b> .....	FEI Chao, CHEN Ran, CAO Jie, ZHANG Hai-ming, FANG Rui, LIU Zi-mu, DU Shu-shan(63)
<b>Effect of Different Processing Methods on Three Components in <i>Evodia rutaecarpa</i></b> .....	ZHAO Jin-ming, ZHANG Zhen-qiu(60)
<b>Study on the Quality Control Standard of Huoxue Yangyin Granules</b> .....	CHEN Shi-cui, JU Jian-ming(65)
<b>Determination of Dehydrocavidine, Palmatine Hydrochloride and Berberine Hydrochloride in Total Alkaloids of <i>Corydalis saxicola</i> Bunting</b> .....	HU Fang, LU Tu-lin, MAO Chun-qin, WANG Jing(68)
<b>Determination of Methamidophos in Herbs by Ultra Performance Liquid Chromatography Combined with Quadrupole Mass Spectrometry</b> .....	XIAO Song(72)
<b>Quality Standard for Ganfukang Tablets</b> .....	WEN Ping, WANG Feng-lin, YU Liang-zhong, YU Jin-bao(74)
<b>Determination Content of Hyperin in <i>Hypericum attenuatum</i> Choisy</b> .....	YE Lv-ping, LIU Xiao-yi, LU Hai-peng, LIAO Hou-zhi, WEI Zuo-gan(78)
<b>Synthesis of Antiplatelet Drug Triflusal</b> .....	DUAN Yan-bing, LIU Shi, LU Xiao-he(80)
<b>Study on Quality Control Method of Processed Alisma Pieces</b> .....	LIU Wen-qin, YU Wu-shuang, ZHOU Li-jiao, LUO Jin-long, GONG Jia-hua, XIE Yi-hui(87)
<b>Studying and Distinguishing on Fingerprints of <i>Citrus nobilis</i> var. <i>chachikan</i> Wong and <i>Citrus reticulata</i> Blanco by HPLC</b> .....	GUO Nian-xin, LI Ying-chun, XIE Wei-qiao, YU Jian-le, JI Sheng-guo(90)
<b>Analysis of Volatile Compounds From Leaves and Fruits of <i>Lindera glauca</i></b> .....	SUN Hui-ling, WANG Jun-xia, GU Xue-zhu, KANG Wen-yi(94)
<b>Studies on Chemical Constituents from Bud of <i>Trachycarpus fortunei</i></b> .....	LU Ru-mei, ZHANG Hong-jian, TAN Xin-wu, LI Bing(97)
<b>Study on Antimicrobial Activity of <i>Aquilaria sinensis</i> Peel Extract</b> .....	LI Hao-hua, ZHANG Wei-min, GAO Xiao-xia, WU Guan-qing, CHEN Yu-chan, WANG Lei(100)
<b>Study on Accumulation Mechanism of Oridonin During Plant Regeneration in <i>Rabdosia rubescens</i></b> .....	SU Xiu-hong, SHI Ying-qiang, DONG Cheng-ming, YE Hai-dong(104)
<b>Characterization on Growth and Some Secondary Metabolites of <i>Artemisia annua</i> Roots</b> .....	ZOU Ting, ZHANG Ben, CHEN Jing-lei, CHEN Shao-hua, WANG Jian-wen(108)
<b>Microscopic Identification and UV-Vis Spectrum Identification on <i>Cardiospermum halicacabum</i></b> .....	LU Hai-lin, WEI Jian-hua, WEI Zhi-ying, WU Huai-en, TAN Qian, WEI Song-ji(114)
<b>Effect of Complex Bajitian Mixture on Expression of Vascular Endothelial Growth Factor in Rat with Steroid-induced Osteonecrosis of Femoral Head</b> .....	SUN Ke-min, WANG He-ming, LIN Jiu-mao(117)
<b>Protective Effect of <i>Eucommia ulmoides</i> on Photoaging Induced by Ultraviolet Radiation in ESF-1 Cell</b> .....	XU Yan-ming, ZHANG Ning, JING Li-wei, CHEN Qiao-yun, QI Yong-hua, LI Jian-min(120)
<b>Activity of Huanglian Jiedu Decoction and its Different Polarity Parts</b> .....	LI Huan, ZHU Hua-xu, PAN Lin-mei, GUO Li-wei, QIAN Zhi-lei(124)

<b>Hepatoprotective Effects of <i>Cichorium glandulosum</i> Extracts on Alcohol-induced Acute Liver Injury in Mice</b> .....	
..... QIN Dong-mei, HU Li-ping, CAO Wen-jiang, WANG Xin-chun, ZHANG Yong-jun, ZHANG Yue-xing(128)	
<b>Influence of Ginseng Two-ingredient Capsule on Blood Glucose and Blood Lipids in Diabetic Rats</b> .....	
..... GU Hong-yan, WU Jin-huan, BAI Su-fen, LV Jian-dong, WANG Ya, LA Wan-ying(132)	
<b>Effects of Anshen Dingzhi Ling on Expression of Dopamine Receptor-1 and 2 in Prefrontal Cortex and Striatum in Rats with Attention Deficit Hyperactivity Disorder</b> .....	
..... LIU Cheng-quan, HAN Xin-min, XU Jian-ya, SANG Feng, YIN Dong-qi, NI Xin-qing, LI Ya-qun(136)	
<b>Effect of Danshen Injection on Hemarheological Indexes and Cholesterol in Erythrocyte Membrane in Aged Rats</b> .....	
..... NIU Wen-ying, YUAN Liang-jie, HAN Cui-cui, JIANG Guang-kun, XIAO Hong-bin(140)	
<b>Effect of Huayu Qutan Recipe and Its Separated Recipes on Inflammation Factors in EA. hy926 Cells Induced by Lipopolysaccharide</b> .....	
..... JIA Lian-qun, YANG Guan-lin, REN Lu, FENG Jun-yi, CHEN Wen-na, CAO Yang, ZHANG Lin(144)	
<b>Effect of Zuogui Pill Medicated Serum on Level of Alkaline Phosphatase During Differentiation from Rat Marrow Mesenchymal Stem Cells to Osteoblasts</b> .....	
..... XU Ling-xiao, GAO Jun, ZHANG Qian-de(149)	
<b>Effects of Guben Yishen Capsule on Immune Function in Mice</b> .....	
..... FU Yu, QIN Hui-long, LUO Qi, HE Zhi-xiong, JIA Xiao-cui, MA Jun(153)	
<b>Effect of Extracts from Stems and Leaves of <i>Oplopanax elatus</i> on Immune Functions in Immuno-suppressed Mice Induced by Cyclophosphamide</b> .....	
..... HU Yan-wu(156)	
<b>Protective Effect of Saponins of <i>Panax notoginseng</i> on Immunological Liver Injury in Mice</b> .....	
..... WANG Yong-zhong, JIANG Hui, ZHANG Jia-fu, SUN Wen-jing(159)	
<b>Reno-protective Effects of <i>Curcuma wenyujin</i> on Diabetic Nephropathy in Rats</b> .....	
..... HU Wan-su, LIU Fan, WANG Jie(163)	
<b>Effect of Extracts from <i>Coriopsis tinctoria</i> Flowers of Xinjiang Kunlun Mountain on <math>\alpha</math>-glucosidase Activity</b> .....	
..... ZHANG Yan, LI Lin-lin, MOURBOUL ABLISE, WANG Li-feng, JING Zhao-jun, MAO Xin-min(166)	
<b>Effects of Tetramethylpyrazine Injection on Angiogenesis and Expression of VEGF mRNA in Ischemic Myocardium of Rats with Myocardial Infarction</b> .....	
..... ZHANG Shu-juan, WANG Zhen-tao, HAN Li-hua, CHAI Song-bo(170)	
<b>Experimental Study of Intervention of Buyang Huanwu Decoction on Metabolic Syndrome and von willebrand Factor</b> .....	
..... CUI Han-bo, HAN Tao, ZHANG Dong-yu, JU Fei-fei(173)	
<b>Efficacy of Mahuang Fuzi Xixin Decoction and Xiaoqinglong Decoction on Allergic Rhinitis in Guinea Pigs</b> .....	
..... WANG Wei-fu, TAN Xiao-mei, LIANG Shao-yu, HU Yuan-li, ZHANG Ming-ming, LI Tao(176)	
<b>Protecting Mechanism of Shenshuai Baoshen Capsule on Renal Interstitial Fibroblast Induced by Adenine in Rats</b> .....	
..... XU Peng, CHI Ji-ming, WANG Jin-zhao, LI Shu-ju, YU Mei, LIU Na, ZHANG Pei-qing(179)	
<b>Experimental Study of Xiangyan Zhitong Decoction for Treating Primary Dysmenorrheal</b> .....	
..... DU Jing, WANG Dong-mei(183)	
<b>Experiment Study on Wound Healing Mechanisms of Jintangbao Spray for Treating Burn Injury</b> .....	
..... LUO Xian-qin, LIU Jian-yi, HUANG Si-xing, HE Pei-lin, MEI Xiao-li, ZHANG Li(186)	
<b>Effects of Paeoniflorin on Isolated Thoracic Aorta Rings of Rats and Its Possible Mechanism</b> .....	
..... PENG Zhen-xiang, HUANG Hai-ding, DENG Shi-gui(190)	
<b>Pharmacodynamics of Yulian Cataplastm for Treatment of Peptic Ulcer</b> .....	
..... WANG Lan, LIU Shu-zhi, WANG Yan-li, LIANG Ri-xin, DU Mao-bo, YANG Qing, YIN Xiao-jie(194)	
<b>Effects of Xifeng Jingning Tang on Immunologic Function in Mice</b> .....	
..... LI Yan, XU Rong-qian, WANG Jun-hong, GU Wen-cai, XIA Gui-xuan, ZHANG Jing-jie(198)	
<b>Effects of Danggui San on Isolated Smooth Muscle of Uterus and Uterine Smooth Muscle Strips Stimulated by Oxytocin in Rats</b> .....	
..... ZHANG Jian-ying, CHU Geng-wu, LIU Xiu-ping, NIE Jian(201)	

<b>Animal Model Replication of Proliferative Breast by Homogeneous Design</b> .....	
.....	LUO Lun-cai, JI Xiao-ping, HUANG Lan-ya, LI Lie-ping, XING Jin-ling, LIU Zhi-kang(204)
<b>Influence of Dihuangyinzi on Learning and Memory and AChE, ChAT of Hippocampal in Chronic Cerebral Hypoperfusion Rats</b> .....	BAI Li-ming, ZHANG Xiao-shuang, WU Miao, YANG Rui(207)
<b>Experimental of RG-14260 on Improving Chemosensitivity of Human Endometrial Carcinoma Cells <i>in vitro</i></b> .....	DENG Shou-heng , ZHOU Bao-feng, YU Xiong-jie, QU Ping, XU Hua, CAO Feng-jun(210)
<b>Effect of Phenylpropanoid Glycosides from <i>Boschniakia rossica</i> on Cell Cycle Distribution and Apoptosis of Lung Carcinoma Cell</b> .....	JIN Yan-hua, LIU Chun-yan, JIN Ai-hua, XU Hui-xian, YIN Xue-zhe(213)
<b>Role of Liver Fatty Acid Binding Protein in Kidney Damage Induced by Aristolochic Acid in Rat Evaluated by Perfusion of Isolated Kidney</b> .....	ZHOU Qi, ZHANG Ze-an, JIN Ruo-min (216)
<b>Distribution of Isorhynchophyline in Liver and Kidney of SHR Rats before and after Compatibility of <i>Unicariae Ramulus Cum Uncis</i> with <i>Gastrodiae Rhizoma</i></b> .....	
.....	ZHANG Wei-guo, LI Xiao-qian, WANG Xing, WANG Ping, WANG Min-zhi, LI Ying(220)
<b>Pharmacokinetic Comparison of Isofraxidin after Oral Administration with Yinxieling or Decoction of <i>Sarcandra glabra</i></b> .....	YU Jing-hong, LOU Bu-qing, ZHAO Rui-zhi, LU Chuan-jian(224)
<b>Clinical Research about Jibei Kechuan Tang that Treatment Chronic Obstructive Pulmonary Diseases</b> .....	
.....	HAN Yun-xia, GE Zheng-xing, LI De-xing, JIN Feng-yun(227)
<b>Improvement of Dosage Form for Xinshenger Tuihuang Mixture and Clinical Observation on Neonatal Jaundice</b> .....	GAO Fu-jun(230)
<b>Clinical Observation on Treatment of 100 Cases of Thermal Skin Wounds by Flawless Skin Wounds Drug</b> .....	
.....	LIANG Yu-yong, HOU Tian-wu(235)
<b>Experimental Progress of Liver Toxicity of <i>Tripterygium wilfordii</i> and Its Mechanism</b> .....	
.....	CHAI Zhi, ZHOU Wen-jing, GAO Li, WANG Yong-hui, FAN Hui-jie, ZHOU Ran(243)
<b>Metabonomics and Modern Study of Traditional Chinese Medicine</b> .....	
.....	SU Tao, LU Tu-lin, MAO Chun-qin, LI Lin(247)
<b>Molecular Mechanism of Wnt/<math>\beta</math>-catenin Signaling Pathway in Metastasis and Invasion of Hepatocellular Carcinoma</b> .....	HE Song-qi, YAO Fei-long, LV Zhi-ping, CHENG Yang, LI Jia-lu(251)
<b>Glutamate Transporters Involved in Disorders of Central Nervous System</b> .....	
.....	YANG Na, SUI Feng, JIANG Ting-liang(255)
<b>Experimental Research Progress on Vascular Dementia in Cascade of Damage by Chinese Medicine Treatment</b> .....	
.....	XU Cheng-yong, HUAN Quan-zhi, WANG Fa-wei(259)
<b>Lastest Research Progress of Gekko on Antitumor Effect</b> .....	LIU Yu-jun, LI Gang, MA Rui, DAI Long(262)
<b>Research Progress of Superoxide Dismutase Involved in Liver Injury</b> .....	
.....	WANG Jun-ming, CUI Ying , WANG Zheng-tao, JI Li-li, CUI Yong-xia, LIU Hai, WANG Chang-hong (265)
<b>Application and Prospect of Infrared Spectroscopy in Chinese Medicine Processing</b> .....	
.....	WANG Dan, BU Hai-bo, LI Xiang-ri(269)
<b>Reflective Thinking to Conditions of Modern Researches of Compatible Theory of Invigorating Qi to Produce Blood</b> .....	ZHAO Yi , LIU Hong-ning, ZHU Wei-feng, SUN You-zhi (272)
<b>Research Development of Astragalus in Treating Pulmonary Fibrosis</b> .....	LUAN Zeng-qiang, CAO Wen-fu(275)
<b>Applications of Molecular Biology Techniques in Pharmacological Research of Chinese Herbal Formula</b> .....	
.....	ZHU Hua-zhen, CHEN De-xing(278)
<b>Research Survey of Taohe Chengqi Tang</b> .....	WEI Hong-yu, WANG Ze-ying(281)

Responsible editor: CAI Zhong-de