

# 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12期

2011年6月20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  
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.syfjxz.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6月20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 ·

- 卷柏中雌激素类成分的提取 .....  
..... 郑晓珂,李冬梅,蒋赞,苏成福,王小兰,张莉,冯卫生(1)
- 以青稞 $\beta$ -葡聚糖为基质的白藜芦醇鼻用凝胶剂研究 .....  
..... 杨文字,江春艳,严冬,杨鑫喆(6)
- 复方穿心莲掩味混悬颗粒的制备工艺 .....  
..... 孙莎莎,张国松,刘微,刘晓燕,张尧,饶晓勇,罗晓健(12)
- 柴胡总皂苷提取工艺的优化 .....  
..... 张国松,封传华,罗晓健,宿士宁,胡鹏翼,王跃生(17)
- UPLC研究不同配伍对白虎汤中甘草酸含量的影响 .....  
..... 吴君金,卢林,马强,李晓晶,顾丽,葛尔宁,苏燕(21)
- 芩翘抗感颗粒提取工艺优选 .....  
..... 曹杰,方睿,张海鸣,费超,杜树山(24)
- 星点设计-响应面法优选地桃花中总黄酮的提取工艺 .....  
..... 谢臻,陈勇,曾海生,韦韬,卢森华(27)
- 正交设计法优化桦褐孔菌总三萜超声提取工艺 .....  
..... 田明月,俞力超,徐秀泉(31)
- 4种中药促透剂对不同结构类型物质的促透功效评价 .....  
..... 赵华,林捷,何聪芬,刘光荣,董银卯(34)
- 正交试验法优选颐正活脉丸提取工艺 .....  
..... 朱志军,李氏,张太行,苏晓凯(39)
- 正交设计优选退白汤的提取工艺 ..... 盛国荣(41)
- 丹参提取工艺优选 ..... 李绍林,张建军(45)
- 荔枝核中总皂苷的提取工艺优选 ... 王玉芝,于天霞,王嘉滨(48)
- 鲜巴戟天盐制工艺 ..... 许冬瑾,伍小妹,黄云,陈华师(50)

· 化学与分析 ·

- 巫山淫羊藿净制研究 ..... 仲玲利,徐娟,谭鹏,杨蕾,李飞(53)
- HPLC 测定制八角枫中八角枫碱的含量 ..... 胡五霞,和芳,余启荣,高柏丽(56)
- 金礞石人工胃液和水溶性浸出物及其主要元素分析 ..... 王栋,刘卉,王伯涛(58)
- HPLC 同步测定克咳胶囊中麻黄碱、吗啡 ..... 王金钱,周建波,王焱,黄何松,冯育林,田紫平(62)
- UAE-IC 法测定滇龙胆中 5 种阴离子 ..... 袁天军,金航,王元忠,杨美权,杨维泽,赵振玲,张金渝(65)
- HPLC 测定芩苈清肺浓缩丸中次黄嘌呤 ..... 王伟明,霍金海,孙国东(70)
- 吴茱萸药材薄层色谱指纹图谱研究 ..... 张丽艳,罗君,李健,潘雯婷,杨玉琴,冉懋雄,杨家林(72)
- HPLC-ELSD 测定 GSSM 颗粒中酸枣仁皂苷 A 和人参皂苷 Rb<sub>1</sub> ..... 王燕,柴程芝,朱丹妮(76)
- 大头陈挥发油的化学成分分析及其抗菌活性 ..... 黄燕,吴怀恩,韦志英,肖艳芬,余晚玲(79)
- HPLC 测定银菊清解片中蒙花苷的含量 ..... 刘元,宋志钊,李文琪(83)
- 野牡丹中槲皮素的测定 ..... 刘燕,唐铁鑫(85)
- 细叶黄皮各器官挥发油的化学成分 ..... 苏秀芳,梁振益(87)
- 固精麦斯哈胶囊质量标准的研究 ..... 李芳,杜升旗,王卫锋,石敏娟,李凡(90)
- HPLC 同时测定痛宁凝胶中延胡索乙素和原阿片碱的含量 ..... 王伟,尚强,杨璐,毕宇安(93)
- 川芎血清药物化学的初步研究 ..... 雷志丹,雷志钧,夏新华(96)
- 基于药效物质基础的肉桂和赤石脂相畏研究 ..... 姜超,孟宪生,包永睿,康廷国(99)
- 宁夏回药伏毛铁棒锤栽培品与野生品生药学比较 ..... 付雪艳,高晓娟,董琳,马学琴,樊艳茹,张丽(102)

· 药物代谢 ·

- 妇炎康灌肠剂中芍药苷在家兔体内药代动力学 ..... 陈小新,原素,龙超峰,赖小平(106)
- 秦皮甲素大鼠肠吸收动力学 ..... 姜宇,何群,赵碧清,何欣,陈本超(110)

· 药理 ·

- 基因治疗联合六味地黄丸对肝癌荷瘤小鼠缝隙连接蛋白表达的影响 ..... 易华,杜标炎,谭宇慧,刘爱军,罗惠,骆欢欢,苏俊芳,王慧峰(114)
- 精元康胶囊对骨髓抑制小鼠骨髓细胞凋亡相关基因表达水平的影响 ..... 蒋立峰,桑锋,蒋士卿,刘延庆(119)
- 温下方含药血清诱导 A549/DDP 细胞凋亡及对 Bcl-2, Bax, p53 蛋白表达的影响 ..... 季旭明,欧阳兵,吴智春,于华芸,王春燕,李文华(123)
- 冬虫夏草提取物调血脂与抗氧化活性 ..... 姜微哲,渠凯,朱海波(127)
- 常春卫矛及爬行卫矛提取物止血消瘀药效研究 ..... 吴玉强,蒋林,钟正贤,刘源煥(132)
- 五味子复方对模拟航渡及高强度运动大鼠下丘脑-垂体-肾上腺轴功能和代谢的影响 ..... 黄慧,孙玲君,顾萍,王坚(136)
- 山茱萸水提取物对黑素瘤细胞与角质形成细胞共培养模型黑素合成的影响 ..... 王兴焱,王天晔,陈巧云,张宁,刘慧,王盈盈,陈景华(141)
- 金鸡菊提取物体外抗氧化活性 ..... 曹燕,庞市宾,徐磊,范玉东,明婷,孙玉华(144)

· II ·

普胃丸对慢性胃溃疡大鼠胃组织中 EGF 和 EGFR 蛋白表达的影响 .....	王会丽, 贾欣, 白静, 赵雷, 吕华, 齐亚娟 (148)
理肺化纤方对肺纤维化大鼠的防治作用及对 TGF- $\beta_1$ /Smad3 信号转导通路的影响 ...	周语平, 杨成林 (151)
养精补肾胶囊对糖尿病大鼠肾脏损害的抑制作用 .....	马会霞, 柳月娟, 李洁, 韩淑英 (156)
资木瓜多糖对小鼠佐剂性关节炎的作用及其机制 .....	李世刚, 陈燕 (159)
葛根提取物对大鼠退变颈椎间盘基质代谢的影响 .....	于林, 陈宝田, 谢炜, 杜念念 (163)
肝乐颗粒对肝纤维化大鼠的保护作用 .....	姜辉, 尚莉丽, 徐松龄, 王欢 (167)
香连丸有效部位对小鼠急性溃疡性结肠炎的治疗作用 .....	张文新, 谭晓梅, 胡元利, 王新雨 (170)
黑骨藤抗类风湿性关节炎作用及其分子机制 .....	黄明进, 罗春丽, 郭刚, 邱德文, 王文全 (174)
马齿苋不同提取物对 D-半乳糖致衰老小鼠空间学习能力的影响 .....	金英子, 张红英, 孙晓宇 (178)
香椿子多酚对糖尿病大鼠早期肝损伤保护作用 .....	邢莎莎, 陈超 (182)
远志清脑颗粒对拟痴呆模型小鼠学习记忆的影响及机制探讨 .....	余兴华, 李滔, 李长伟 (185)
四逆汤对血管性痴呆大鼠学习记忆力的影响 .....	李建华, 纪双泉, 陈福泉, 彭妙茹, 刘筱蔼, 赵坤婷, 高天明 (188)
小儿止咳颗粒对哮喘大鼠气道高反应性和炎症的抑制作用 .....	温丽娜, 孙建宁, 张硕峰 (192)
依肝癌含药血清体外抗肿瘤作用 .....	梁宁, 庞宇舟, 赖德禄, 韦松基 (196)
小叶金花草抗炎镇痛作用 .....	冯艺萍, 李彬, 郭力城, 马维 (197)
抑石膏样毛癣菌组方的优化 .....	孟楣, 王晓玉, 吴溪, 魏良兵 (200)
养阴固精化痰渗湿方联合贝那普利对早期糖尿病肾病大鼠的保护作用 .....	黄宝英, 林应华, 富显果, 林可馨, 王芳, 周素娟 (202)
化湿液对湿阻证大鼠血清 D-木糖及 Ghrelin 含量的影响 .....	薛晓倩, 黄学宽, 高宁, 刘鄂湖, 任凌燕 (206)
辛伐他汀通过上调血红素氧合酶-1 减少肾脏缺血再灌注损伤 .....	李娜, 丁胜, 王红祥, 赵湜, 容松 (210)
补肾调周法对卵巢早衰模型大鼠血清 INHB, VEGF 的影响 .....	张大伟, 李翠萍, 黄霞, 张丹丹, 范迎丽, 张越, 贺文婧 (213)
八味柔肝颗粒对肝纤维化大鼠肝组织 TGF- $\beta_1$ , $\alpha$ -SMA 及 TIMP-1 表达的影响 ...	伍朝君, 朱舟, 邓志刚 (217)
枢致汤的药效学研究 I .....	沈欣, 李德凤, 宗桂珍 (219)
<b>· 临床 ·</b>	
重用黄芪治疗腰椎管狭窄症术后下肢酸麻 .....	姜江, 成红兵, 周斌, 马培德, 陈学光, 顾伏龙 (221)
mTOR 信号通路在 ishikawa 细胞增殖中的作用 .....	邓守恒, 石建国, 柯贤柱, 陈萍, 李芳, 石小燕 (223)
慢性阻塞性肺疾病患者二便功能状态分析 .....	徐卫方, 刘莹莹, 高振, 赵海涛, 潘伟伟 (227)
通脉糖眼明胶囊对单纯型糖尿病视网膜病变患者 VEGF 水平的影响 .....	徐寒松, 孔德明, 向慧 (229)
血塞通注射液联合神经生长因子治疗糖尿病周围神经病变 .....	王晓青, 王鹏虎 (232)
三虫补阳还五汤对急性脑梗死患者临床及血液流变学指标的影响 .....	孙智霞 (234)
米非司酮联合中药保守治疗异位妊娠 120 例 .....	温旭敏 (237)
丹参粉针对慢性阻塞性肺病患者血栓前状态的影响 .....	姚建, 秦俭 (239)

参松养心胶囊与胺碘酮治疗室性期前收缩疗效比较 .....	
..... 李志梅,常超,卢英霞,韩丽英,赵秀峰,刘丽军,信栓力(241)	
儿童湿疹与特异性 IgG 抗体关系初探 .....	庄严,王学艳,石海云,张明,何欢(243)
<b>· 综述 ·</b>	
心肌缺血再灌注中的棘手问题及对策 .....	
..... 芦殿香,吴海英,芦殿荣,龙启福,张树娜,贾瑛,王欣佩,格日力(245)	
中药有效成分辨识的研究进展 .....	陈晓萌,陈畅,李德凤,杨洪军,许海玉(249)
荧光分析法在药物分析中的应用研究进展 .....	王永利,张江伟,王立华,敖登高娃,黄慧婷,李美红(253)
基于以抗肿瘤为主要活性的黄药子毒性研究进展及对策 .....	
..... 王君明,雷军锋,季莉莉,刘海,王峥涛,崔瑛(256)	
青礞石的本草考证及现代研究 .....	刘圣金,吴德康,刘训红,孔庆友,林瑞超(260)
太子参近年研究概况 .....	王文凯,贾静,丁仁伟,刘红宁(264)
抑郁症与 HPA 轴关系及中药干预的研究进展 .....	柴丽,赵博(268)
黄连相关中药复方治疗糖尿病及其并发症的研究概况 .....	马燕,袁月新,张俊梅,喇万英(272)
<b>· 学术探讨 ·</b>	
关于微透析法与血药浓度法的异同及其药动学数据特殊处理的探索与思考 .....	
..... 张英丰,吴阳,汪小根,周莉玲(276)	
茶氨酸抗运动性疲劳机制及应用前景的思考 .....	白宝丰(279)
《傅青主女科》中当归类方的药证关联分析 .....	杨洪波(282)
酒精性肝病中医用药规律探讨 .....	殷晓轩,尹常健(285)
<b>· 文献研究 ·</b>	
基于灰色聚类方法的慢性心力衰竭中医证型文献分析 .....	刘宾,王付,黄明宜(288)
<b>· 基层园地 ·</b>	
小柴胡汤联合西药治疗丙型肝炎 46 例 .....	安云凤,袁枚,倪新(291)
米非司酮联合桂枝茯苓胶囊治疗子宫肌瘤 39 例 .....	焦俊芳(292)
大黄蛭虫丸穴位贴敷治疗乳腺增生病 100 例 .....	焦乃军(293)
自拟桂枝汤治疗子宫肌瘤术后复发 .....	陈桂莲,龙梅,王春香(294)
中西医结合治疗急性呼吸道感染 118 例 .....	王春茹(295)
补肾活血法治疗男性弱少精子不育症 40 例 .....	张慧珍,张晓芬(296)
中药内外同治胆石症的临床疗效 .....	于仲甲,于东晓,于德静(297)
<b>· 信息 ·</b>	
征订,简讯,本刊网上投稿,稿约 .....	(75,82,122,191,300)

[期刊基本参数] CN11-3495/R \* 1995 \* s \* 16 \* 300 \* zh \* P \* ¥25.00 \* 5000 \* 86 \* 2011-12

本期责任编辑:全燕

# CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE (Semimonthly)

Started in October, 1995

Volume 17 Issue 12 June 2011

## Editor-in-Chief

JIANG Ting-liang

## Proprietor

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 12

Publication date

June 20, 2011

ISSN 1005-9903

CN 11-3495/R

## CONTENTS IN BRIEF

- Extraction of Estrogenic Active Substance from *Selaginella tamariscina***  
..... ZHENG Xiao-ke, LI Dong-mei, JIANG Yun,  
SU Cheng-fu, WANG Xiao-lan, ZHANG Li, FENG Wei-sheng( 1 )
- Development of Resveratrol Nasal Gel Using Tibetan Hulless Barley  $\beta$ -glucan as a Matrix** .....  
... YANG Wen-yu, JIANG Chun-yan, YAN Dong, YANG Xin-yu( 6 )
- Preparation Technology of Andrographis Paniculata Compound Taste Masking Suspension Particle** .....  
..... SUN Sha-sha, ZHANG Guo-song, LIU Wei,  
LIU Xiao-yan, ZHANG Yao, RAO Xiao-yong, LUO Xiao-jian( 12 )
- Optimization of Extraction Technology for Saikosaponins from Bupleurum** ..... ZHANG Guo-song, FENG Chuan-hua,  
LUO Xiao-jian, XIU Shi-ning, HU Peng-yi, WANG Yue-sheng( 17 )
- Effects of Compatibility on Content of Glycyrrhizic Acid in Baihutang by UPLC** ..... WU Jun-jin, LU Lin, MA Qiang,  
LI Xiao-jing, GU Li, GE Er-ning, SU Yan( 21 )
- Extraction Process of Qinqiao Kanggan Granules** .....  
CAO Jie, FANG Rui, ZHANG Hai-ming, FEI Chao, DU Shu-shan( 24 )
- Application of CCD-RSM for Optimization of Total Flavonoids Extraction in *Urena lobata*** .....  
XIE Zhen, CHEN Yong, ZENG Hai-sheng, WEI Tao, LU Sen-hua( 27 )
- Optimization of Ultrasound Extraction of Total Triterpenoids from *Inonotus obliquus* by Orthogonal Test** .....  
..... TIAN Ming-yue, YU Li-chao, XU Xiu-quan( 31 )
- Efficacy Evaluation of Transdermal Absorption Enhancement for Four Kinds of Traditional Chinese Medicine on Different Structure Substance** ..... ZHAO Hua, LIN Jie, HE Cong-fen,  
LIU Guang-rong, DONG Yin-mao( 34 )
- Optimizing Extraction Technology of Yizheng Huomai Pill by Orthogonal Test** .....  
..... ZHU Zhi-jun, LI mi, ZHANG Tai-hang, SU Xiao-kai( 39 )

<b>Experimental Study of Extracting Technology Optimization with Orthogonal Design for Tuibai Decoction</b> .....	SHENG Guo-rong( 41 )
<b>Optimization of Extracting Technology of <i>Salviae miltiorrhizae</i></b> .....	LI Shao-lin , ZHANG Jian-jun( 45 )
<b>Processing Technology of Fresh <i>Morrindae Officinalis Radix</i></b> .....	XU Dong-jin, WU Xiao-mei, HUANG Yun, CHEN Hua-shi( 50 )
<b>Research on Cleaning Mechanism of <i>Epimedium wushanense</i></b> .....	ZHONG Ling-li, XU Juan, TAN Peng, YANG Lei, LI Fei( 53 )
<b>Determination of Anabasine in <i>Radix Alangii Preparata</i> by HPLC</b> .....	HU Yu-xia, HE Fang, YU Qi-rong, CAO Bai-li( 56 )
<b>Analysis of Major Leaching Elements of <i>Lapis Micae Aureum</i> in Simulated Gastric Juice and Water Extract</b> ..	WANG Dong, LIU Hui, WANG Bo-tao( 58 )
<b>Simultaneous Determination of Ephedrine Hydrochloride and Morphine in Keke Capsule by HPLC</b> .....	WANG Jin-qian, ZHOU Jian-bo, WANG Yan, HUANG He-song, FENG Yu-lin , TIAN Zi-ping( 62 )
<b>Determination of Five Anions in <i>Gentiana rigescens</i> by Ultrasonic Assisted Extraction-Ion Chromatography</b> .....	YUAN Tian-jun, JIN Hang, WANG Yuan-zhong, YANG Mei-quan, YANG Wei-ze, ZHAO Zhen-ling, ZHANG Jin-yu( 65 )
<b>Determination of Hypoxanthine in Qinbai Qingfei Concentrated Pills by HPLC</b> .....	WANG Wei-ming, HUO Jin-hai, SUN Guo-dong( 70 )
<b>Fingerprint Analysis of <i>Evodia rutaecarpa</i> by TLC</b> .....	ZHANG Li-yan, LUO Jun, LI Jian, PAN Wen-ting, YANG Yu-qin, RAN Mao-xiong, YANG Jia-lin( 72 )
<b>Determination of Jujuboside A and Ginsenoside Rb<sub>1</sub> in GSSM Granules by HPLC-ELSD</b> .....	WANG Yan, CHAI Cheng-zhi, ZHU Dan-ni( 76 )
<b>Chemical Constituents and Anti-bacterial Activity of Essential Oil form <i>Adenosma indianum</i></b> .....	HUANG Yan, WU Huai-en, WEI Zhi-ying, XIAO Yan-fen, YU Xiao-ling( 79 )
<b>Determination of Buddleoside in Yinju Qingjie Tablets by HPLC</b> ..	LIU Yuan, SONG Zhi-zhao, LI Wen-qi( 83 )
<b>Assay of Quercetin in <i>Melastoma candidum</i></b> .....	LIU Yan, TANG Tie-xin( 85 )
<b>Chemical Constituents of Essential Oil of Different Organs from <i>Clausena anisum-olens</i></b> .....	SU Xiu-fang, LIANG Zhen-yi( 87 )
<b>Studies on Quality Standard of Gujing Maisiha Capsule</b> .....	LI Fang, DU Sheng-qi, WANG Wei-feng , SHI Min-juan, LI Fan( 90 )
<b>HPLC Determination of Protopine and Tetrahydropalmatine in Tongning Gel</b> .....	WANG Wei, SHANG Qiang, YANG Lu, BI Yu-an( 93 )
<b>Preliminary Study on Serum Pharmacochemistry of Chuanxiong Extract</b> .....	LEI Zhi-dan, LEI Zhi-jun, XIA Xin-hua( 96 )
<b>Based on Pharmacodynamic Material Base of Cinnamon and Red Halloysite Phase Fear Research</b> .....	JIANG Chao, MENG Xian-sheng, BAO Yong-rui, KANG Ting-guo( 99 )
<b>Comparison on Pharmacognogy of Wild Ningxia Hui Medicine <i>Acontium flavum</i> with Cultivated</b> .....	FU Xue-yan, GAO Xiao-juan, DONG Ling, MA Xue-qin, FAN Yan-yu, ZHANG Li(102)
<b>Pharmacokinetics of Fuyankang Enema in Rabbits</b> .....	CHEN Xiao-xin , YUAN Su , LONG Chao-feng, LAI Xiao-ping( 106)
<b>Absorption Kinetics of Aesculin in Rats</b> .....	JIANG Yu, HE Qun, ZHAO Bi-qing, HE Xin, CHEN Ben-chao(110)
<b>Joint Therapeutic Effect of Hepatocarcinoma Suicide Gene Therapy Combined with Liuwei Dihuangwan on Expression of Connexin <i>in vitro</i></b> .....	YI Hua, DU Biao-yan, TAN Yu-hui, LIU Ai-jun, LUO Hui, LUO Huan-huan, SU Jun-fang, WANG Hui-feng(114)

<b>Effect of Jingyuankang Capsule on Expression of Apoptosis-related Genes in Bone Marrow Cells of Model Mice of Chemotherapy-induced Myelosuppression</b>	JIANG Li-feng, SANG Feng, JIANG Shi-qing, LIU Yan-qing(119)
<b>Effect of Wenxia Recipe Medicated Serum on Inducing Apoptosis of A549/DDP Cells and Expression of Bcl-2, Bax and p53</b>	JI Xu-ming, OU Yang-bing, WU Zhi-chun, YU Hua-yun, WANG Chun-yan, LI Wen-hua(123)
<b>Cordyceps Militaris Extracts on Blood Lipid Regulation <i>in vivo</i> and Antioxidation <i>in vitro</i></b>	JIANG Wei-zhe, QU Kai, ZHU Hai-bo(127)
<b>Pharmacodynamic Study on Removing Blood Stasis and Stopping Bleeding for Extracts of <i>Euonymus fortunei</i> and <i>Euonymus hederaceus</i></b>	WU Yu-qiang, JIANG Lin, ZHONG Zheng-xian, LIU Yuan-huan (132)
<b>Effects of Schisandra Chinensis Fructus Compound on Function of Hypothalamo-Pituitary-Adrenal Axis and Metabolism in Rats Underwent Experimental Navigation and Strenuous Exercise</b>	HUANG Hui, SUN Ling-jun, GU Ping, WANG Jian(136)
<b>Effects of Water Extract of Corni Fructus on Melanin Synthesis in Co-culture System of Human Melanocytes and Keratinocytes</b>	WANG Xing-yan, WANG Tian-ye, CHEN Qian-yun, ZHANG Ning, LIU Hui, WANG Ying-ying, CHEN Jing-hua(141)
<b>Antioxidant Activities of <i>Coreopsis tinctoria</i> Extracts <i>in vitro</i></b>	CAO Yan, PANG Shi-bin, XU Lei, FAN Yu-dong, MING Ting, SUN Yu-hua(144)
<b>Effects of Puwei Pill on Expressions of Epidermal Growth Factor and Epidermal Growth Factor Receptor Protein in Gastric Tissue in Rats with Chronic Gastric Ulcer</b>	WANG Hui-li, JIA Xin, BAI Jing, ZHAO Lei, LV Hua, QI Ya-juan(148)
<b>Preventive Effect of Lifei Huaxian Fang on Pulmonary Fibrosis in Rats and its Influence on Signal Transduction of TGF-<math>\beta</math>/<i>Smad3</i></b>	ZHOU Yu-ping, YANG Cheng-lin(151)
<b>Qiaojing Bushen Capsule's Suppression Action on Kidney Harmin Rat of Diabeteles Modele</b>	MA Hui-xia, LIU Yue-juan, LI Jie, HAN Shu-ying (156)
<b>Effect of <i>Chaenomeles speciosa</i> Polysaccharide on Adjuvant Arthritis in Mice and Its Mechanisms</b>	LI Shi-gang, CHEN Yan(159)
<b>Interventional Effects of <i>Puerarin lobata</i> Extract on Extracellular Matrix in Rats with Cervical Disc Degeneration</b>	YU Lin, CHEN Bao-tian, XIE Wei, DU Nian-nian(163)
<b>Protection of Ganle Keli on Liver Fibrosis in Rat</b>	JIANG Hui, SHANG Li-li, XU Song-ling, WANG Huan(167)
<b>Effect of Effective Fraction of Xianglian Pill on Acute Ulcerative Colitis in Mice</b>	ZHANG Wen-xin, TAN Xiao-mei, HU Yuan-li, WANG Xin-yu(170)
<b>Effects and Molecular Mechanism of <i>Periploca forrestii</i> Against Rheumatoid Arthritis</b>	HUANG Ming-jin, LUO Chun-li, GUO Gang, QIU De-wen, WANG Wen-quan(174)
<b>Effects of Different Extracts from <i>Portulacae Herba</i> on Spatial Learning Performance in Senile Mice Induced by D-Gal</b>	Jin Ying-zi, Zhang Hong-ying, Sun Xiao-yu(178)
<b>Protective Effect of Total Polyphenols from Seeds of <i>Toona sinensis</i> on Hepatic Injury at Early Stage in Diabetic Rats</b>	XING Sha-sha, CHEN Chao(182)
<b>Influences of Yuanzhi Qingnao Keli on Learning and Memory Ability and Biochemical Indexes in Mice with Alzheimer's Disease</b>	YU Xing-hua, LI Tao, LI Chang-wei(185)
<b>Effect of Sini Decoction on Learning and Memory Ability in Rats with Vascular Dementia</b>	LI Jian-hua, JI Shuang-quan, CHEN Fu-quan, PENG Miao-ru, LIU Xiao-ai, ZHAO Shen-ting, GAO Tian-ming(188)
<b>Inhibitory Effects of Xiaoe Zhike Granule on Ovalbumin-induced Lung Inflammation and Airway Hyperresponsiveness in Asthmatic Rats</b>	WEN Li-na, SUN Jian-ning, ZHANG Shuo-feng(192)
<b>Anti-inflammatory Action and Analgesic Effect of <i>Onychium japonicum</i></b>	FENG Yi-ping, LI Bin, GUO Li-cheng, MA Wei(197)

<b>Protect Effect of Combined Therapy of Herbal and Benazepril on Early Stage of Diabetic Nephropathy in Rats</b>	..... HUANG Bao-ying, LIN Ying-hua, FU Xian-guo, LIN Ke-xing, WANG Fang, ZHOU Su-juan(202)
<b>Effects of Huashi Liquid on Content of <i>D</i>-xylose and Ghrelin in Serum of Rats with Dampness Retention Syndrome</b>	..... XUE Xiao-qian, HUANG Xue-kuan, GAO Ning, LIU E-hu, REN Ling-yan(206)
<b>Simvastatin Reduce Renal Ischemia-reperfusion Injury by Up-regulation of Heme Oxygenase-1</b>	..... LI Na, DING Sheng, WANG Hong-xiang, ZHAO Shi, RONG Song(210)
<b>Effects of Invigorating Kidney and Regulating Periphery on Rats with Pnemature Ovarian Failure and Its Influence on Inhibin B and Vascular Endothelial Growth Factor</b>	..... ZHANG Da-wei, LI Cui-ping, HUANG Xia, ZHANG Dan-dan, FAN Ying-li, ZHANG Yue, HE Wen-jing(213)
<b>Treatment About Lower Limbs Numbness of Lumbar Spinal Stenosis Postoperative on Large Doses of <i>Astragalus membranaceus</i></b>	..... JIANG Jiang, CHENG Hong-bin, ZHOU Bin, MA Pei-de, CHEN Xue-xian, GU Fu-long(221)
<b>Effect of mTOR Signal Transduction Pathway on Proliferation of Human Endometrial Carcinoma Cells <i>Ishikawa in vitro</i></b>	..... DENG Shou-heng, SHI Jian-guo, KE Xian-zhu, CHEN Ping, LI Fang, SHI Xiao-yan(223)
<b>Effect of Tongmai Tangyanming Capsule on Levels of Vascular Endothelial Growth Factor in Patients with Non-proliferative Diabetic Retinopathy</b>	..... XU Han-song, KONG De-ming, XIANG Hui(229)
<b>Effect of Sanchong Buyang Huangwu Decoction on Acute Cerebral Infarction and Its Influences on Hemorheological Parameters</b>	..... SUN Zhi-xia(234)
<b>Childhood Eczema and Serum IgG</b>	..... ZHUANG Yan, WANG Xue-yan, SHI Hai-yun, ZHANG Ming, HE Huan(243)
<b>Important Issues and Relative Approaches in Myocardial Ischemic Reperfusion</b>	..... LU Dian-xiang, WU Hai-ying, LU Dian-rong, LONG Qi-fu, ZHANG Shu-na, JIA Ying, WANG Xin-pei, GE Ri-li(245)
<b>Research Advance in Discovery for Effective Constituents of Chinese Material</b>	..... Chen Xiao-meng, Chen Chang, Li De-feng, Yang Hong-jun, Xu Hai-yu(249)
<b>Research Progress of Fluorimetry in Pharmaceutical Analysis</b>	..... WANG Yong-li, ZHANG Jiang-wei, WANG Li-hua, Aodeng Gao-wa, HUANG Hui-ting, LI Mei-hong(253)
<b>Research Progress and Strategy in Toxicity of <i>Dioscorea bulbifera</i> Rhizome with Main Bioactivity of Antitumor Action</b>	..... WANG Jun-ming, LEI Jun-feng, JI Li-li, LIU Hai, WANG Zheng-tao, CUI Ying(256)
<b>Textual Reseach and Modern Study on Chinese Mineral Drug Lapis Chloriti</b>	..... LIU Sheng-jin, WU De-kang, LIU Xun-hong, KONG Qing-you, LIN Rui-chao(260)
<b>Recent Advances in Studies on <i>Pseudostellariae Radix</i></b>	..... WANG Wen-kai, JIA Jing, DIN Ren-wei, LIU Hong-ning (264)
<b>Relationship between Depression and HPA Axis and Intervention by Traditional Chinese Medicine</b>	..... CHAI Li, ZHAO Bo(268)
<b>Recent Situation of Compounds Containing <i>Coptis chinensis</i> Treating Diabetes and Its Complications</b>	..... MA Yan, YUAN Yue-xin, ZHANG Jun-mei, LA Wan-ying(272)
<b>Exploration and Consideration about Differences and Similarities between Microdialysis Method and Blood Concentration Method and Pharmacokinetics Data Processing of Microdialysis Method</b>	..... ZHANG Ying-feng, WU Yang, WANG Xiao-gen, ZHOU Li-ling(276)
<b>Progress on <i>L</i>-theanine for Anti-exercise-induced Fatigue and Its Application Prospects</b>	..... BAI Bao-feng(279)
<b>Analysis of Angelica Tracks in 'FU Qinzhu Nvke'</b>	..... YANG Hong-bo(282)
<b>Grey Clustering Method Based on Traditional Chinese Medicine Literature of Chronic Heart Failure Analysis</b>	..... LIU Bin, WANG Fu, HUANG Ming-yi(288)

Responsible editor: TONG Yan