

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 990122

2012年5月 第18卷 第10期
May Vol.18 No.10

10
2012

万方数据

中国实验方剂学杂志

Zhongguo Shiyang Fangjixue Zazhi

半月刊

1995 年 10 月创刊

第 18 卷

第 10 期

2012 年 5 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)

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

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:syfx_2010@188.com
网址:www.syfxzz.com

广告代理 北京东石时代国际文化
传媒有限公司
电话:(010)58841606
E-mail:chinadonsen@163.com

印 刷 北京昌平百善印刷厂
(102211 北京昌平区百善镇)

国内发行 北京市报刊发行局
(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 BM4655

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 25 元,全年 600 元

目 次

· 数据挖掘 ·

- 《中医方剂大辞典》中治疗肺痿方剂的用药规律分析
李健,卢朋,张瑞贤,信富荣,陈建新,唐仕欢,杨洪军(1)
大承气汤加味治疗重症急性胰腺炎的荟萃分析
李津金,芮庆林(6)
基于中医传承辅助系统的治疗水肿方剂用药规律分析
孙敬昌,王燕平(11)

· 工艺与制剂 ·

- 相似度价比法优选复方蛇床子酊醇提工艺
段晓鹏,石继连,贺福元,黄金红(17)
正交试验法优选抗柯萨奇 B 病毒性心肌炎胶囊提取工艺
包巨太,韦灵玉,刘倩,李志慧,
刘晓亚,曹艳玲,谢飞,王巍,张玉杰(21)
不同产地生制狗脊中总酚酸含量比较
鞠成国,徐刚,宋勇军,赵文龙,贾天柱(24)
盐酸小檗碱自微乳剂的处方设计及体外评价
何琳,刘意,郑冬梅,潘海文,袁飞,龙晓英(26)
正交试验法优选三黄丸提取工艺 马燕,喇孝瑾,白素芬,
吕建东,张晓鹏,韩刚,王虹玉,喇万英(31)
响应面分析法优化湿法超微粉碎地龙蛋白的提取工艺
杨丰云,付廷明,郭立玮,刘峰,张伟(33)
火绒草中总黄酮的纯化工艺优选
曹跃,王丽,周钢,谢雪,许枬(38)
民族药金耳环总多糖的提取工艺优选
魏学军,林先燕,李雪营,冯光维,李江,王怀富(41)
补骨脂的超临界 CO₂ 萃取工艺优选
余淑珍,贾媛,王慧惠,刘志辉(44)

正交试验优选茛菪句颗粒水提取工艺	朱秉亮,梁惠珍,门九章(47)
甘草黄酮分离纯化工艺	刘佳,季芳,孙陶利,倪京满(49)
高乌甲素微乳体外透皮吸收	李西林,栾晶,王慧,马艳(52)
小儿清热止咳口服液澄清工艺比较	王玲,周稚川,高晓黎(55)
星点设计-响应面法优选身痛逐瘀汤中挥发油的提取工艺	阮洪生,马丁,刘树民(60)
染料木素水溶性栓剂处方及制备工艺优选	孟庆杰,潘五九,王伟明(63)
西洋参总皂苷的分离纯化工艺	韩婧,冯丽君,闫磊,林龙飞,倪健(66)
保心滴丸提取工艺优选	陈超,周福军,韩忠耀,朱晓薇,侯文彬(69)

· 资源与鉴定 ·

基于 DNA 条形码技术鉴别 4 种龙胆科“地格达”类蒙药基原植物	崔占虎,李昱辉,袁庆军,王振旺,李虔全,周立社(72)
---	-----------------------------

· 化学与分析 ·

灯盏花素分散片及灯盏花素原料的 HPLC 指纹图谱研究	王黎明,梁建宁,黄晓燕,龙海燕,夏新华,李文莉(77)
HPLC 测定截叶铁扫帚不同药用部位中槲皮素、山奈酚的含量	朱晓勤,彭水梅,吴锦忠(80)
不同配伍对比对麻黄-桂枝药对有效成分含量的影响	徐文杰,陈飞龙,谢颖,罗佳波(84)
茶梅花挥发油化学成分研究	徐文晖,梁倩(89)
3-溴-4,5-二羟基苯甲醛的抗氧化活性	张凝,闫慧丽,张立新,朱敏,徐宝芹,王宗花(91)
HPLC 测定不同基原陈皮药材中橙皮苷含量	胡志军,陈建秋(95)
汉麻果胶化学成分研究 I	陈本超,蔡光明,袁野,李婷婷,何群,何锦凤(98)
昆仑雪菊中多种成分的含量测定	兰卫,赵保胜,李玉清,徐瞰海(101)
指纹图谱和体外细胞活性跟踪相结合考察温度对灵芝中三萜类成分的影响	杜萌,刘璇,陈彦,丁安伟(104)
野葛及药材生物学特性的初步研究	纪宝玉,裴莉昕,陈随清,董诚明(108)
茜草饮片 HPLC 指纹图谱研究	王侃,孙文君,单鸣秋,丁安伟(113)
免疫亲和柱净化 HPLC 柱后光化学衍生化法检测中药及染菌中药制剂中间体的黄曲霉毒素	胡一晨,万丽,范成杰,吕维,杨芳,吉琅(116)
毛细管电泳法测定千柏鼻炎片中盐酸麻黄碱、盐酸伪麻黄碱和盐酸甲基麻黄碱的含量	丁佳佳,李征征,宋粉云(120)
虎耳草的化学成分研究	先春,龚小见,赵超,周欣,杨占南,王莹(124)
元胡止痛滴丸质量标准的研究	邓月婷,张喜民,任一杰,贾继禧,卢英,吴秀琴(127)
HPLC 法测定不同地区商品贯众中去甲氧基英果蕨素的含量	柳芳,戴闻韬,高增平(130)
RP-HPLC 测定不同基源郁金药材中甾牛儿酮的含量	刘玉红,刘倩伶,李晓亮,陈燕,李青苗,易进海(133)
升麻黄连治疗口腔溃疡的最佳配伍比例	张鹏,张振秋,于天禹(137)
超高液相色谱法测定白芷配方颗粒中欧前胡素和异欧前胡素的含量	毕晓黎,罗文汇,胥爱丽,谭志灿(140)
HPLC 同时测定妇康片中芍药苷和阿魏酸的含量	李中娥,王春颖(143)

高效毛细管电泳法测定加味逍遥丸中芍药苷、栀子苷的含量	陈玉杰(146)
不同炮制方法对关木通减毒存效作用的比较研究	张春红,曹蕊,李虔全,张娜,张连学,李旻辉(149)
主成分及聚类分析法对不同产地头花蓼的综合质量评价	潘雯婷,张丽艳,谢宇,李孟林,周涛,魏升华,何平(153)
比色法测定大蒜多糖提取物中总多糖含量	王瑞海,柏冬,刘丽梅(158)
白及须根和块茎总酚含量的测定	周云凯,李伟平,田莎莎,马丹丹,蒋福升,丁志山(161)
· 药物代谢 ·	
基于黄连解毒汤药动学的差异性优化中药复方制备工艺	何凤,顾晓莹,郭立玮,钱志磊,朱华旭,唐于平(165)
黄连与吴茱萸不同配比中黄连主要生物碱在家兔体内药动学研究	孙冬梅,黄雪君,罗文汇(170)
HPLC 同时测定山茱萸总苷分散片中莫诺苷和马钱苷的血浆浓度	孙志明,焦亮,张志斐,李小娜(174)
· 药理 ·	
参术胶囊对脾虚胃癌小鼠 ERK 信号通路中 AP-1 和 IL-2 的影响	邓青秀,彭成,敖慧,谢晓芳(177)
复方青秦对痛风性肾病大鼠肾组织病理学的影响	高双荣,马卫国,商学征,金磊,白羽,刘慧,孙翠英,郑燕飞,刘博,谭玲,陆妍,孟凤仙(183)
泽泻麸制前后健脾作用研究	张宏达,谢雪,陈昱竹,任国杰,王晓玲,许耕(187)
左归丸对去卵巢骨质疏松大鼠肾脏 TGF- β_1 /Smad4 mRNA 表达的影响	任艳玲,李娅玲,吕海波,刘立萍,赵金茹,王良辰(190)
茯苓多糖退黄疸作用的实验研究	刘成,杨宗国,陆云飞,吕震,徐庆年,潘奇,汤伯宗,吕莹,孙媛,陆玲庆,陈晓蓉(195)
帕宁方对帕金森病大鼠行为及氧化应激反应的影响	王冬梅,海静如,魏凤,莫遗盛,冯洁(199)
决明子提取物对链脲佐菌素诱发糖尿病小鼠晶状体氧化应激状态的影响	郑荣波,黄晓丹,何蓉蓉,李维熙,李小迪,李怡芳,栗原博(203)
柴胡疏肝散对阿尔茨海默病大鼠记忆功能的相关研究	赵唯贤,李高中,范新六,薛红莉,黄显峰,裴瑞,李宁宁,王黎(207)
香菇多糖联合依地酸钙钠对铅中毒小鼠学习记忆功能及胆碱能神经功能的影响	刘会芳,问慧娟,李玉巧,刘新霞,刘中成,马焕云,王晓晖(211)
金匱肾气丸对小鼠生精恢复的基因表达谱研究	王宁,陈西华,张树成,贺斌,王尚明,魏刚,张斌,王介东(215)
生泰王对小鼠应激能力及体内抗氧化酶活性的影响	章培军,刘斌钰,张丽红,李加善,李丽芬(221)
枳实薤白桂枝汤对高血脂症大鼠血脂及血管内皮功能的影响	夏寒星,张业(224)
满药赤芍根总皂苷抗炎作用实验研究	于晓敏,刘玉玲,刘永平,佟继铭(227)
脑通胶囊对 VD 大鼠海马 NMDA 受体 mRNA 表达及锥体细胞的影响	张树森,况时祥,肖雁,官志忠(230)
补中益气汤对甲状腺功能减退大鼠心肌细胞凋亡及 Fas, FasL 和 Caspase-3 蛋白表达的影响	高天舒,韩晓晴,尹慧丝(236)
细柱五加果实提取物对免疫抑制小鼠的免疫调节作用	张正光,黄厚才,钱士辉(240)

暗紫贝母、栽培瓦布贝母及浙贝母药效学比较	
..... 顾晓燕,童志远,晏子俊,罗燕秋,唐丽,吴珊珊,杨军,彭成(244)	
金鸡菊提取物降压及体内抗氧化作用的研究	
..... 明婷,孙玉华,胡梦颖,哈木拉提,庞市宾,刘晓燕,张兰兰,靳洪涛(249)	
清热祛痛搽剂对尿酸钠致大鼠痛风性关节炎的影响	王永,赵越,章楠妮,郭瑶,卞慧敏(253)
四物合剂对化疗后大鼠卵巢形态及颗粒细胞凋亡的影响	孙海芸,陈云芝,薛晓鸥(256)
山茱萸多糖诱导宫颈癌细胞凋亡及 Bax 蛋白表达的变化	
..... 王恩军,靳祎,王哲,杨欢欢,周艳芬,刘斌(260)	
血栓通对顺铂肾损伤大鼠的肾功能和氧化指标的影响	席加喜,刘晓霞,杨玉芳,张春花,刘华钢(263)
调脂合剂对大鼠高脂血症性脂肪肝的保护作用	徐芳,刘颖,王斌胜,刘孟安(267)
飞龙掌血乙醇提取物对白色念珠菌抑菌作用的研究	许颖,郭婧玉,刘学,西玉立,范淑霞(270)
柴朴汤对支气管哮喘豚鼠支气管肺组织中 Bcl-2 表达的影响	张於,戴爱国(275)
十全大补汤抑制 Lewis 肺癌原发瘤切除后转移瘤的研究	
..... 郭刚,许建华,韩建宏,梁芳,张勇,张强,孙珏,范忠泽(279)	
· 临床 ·	
疏血通注射液治疗急性脑梗死 59 例	霍岩(285)
苍果喷雾剂预防流感病毒感染 162 例	钟燕春,杨进,龚婕宁,魏凯峰,马可迅(287)
中医治疗 2 型糖尿病用药规律分析	梅君(290)
依那普利联合丹参酮治疗肺心病急性加重期	杨亚勤(292)
针药结合治疗脑出血及对 S100B 蛋白、神经肽 γ 和脑水肿的影响	
..... 刘旭,杨衍宁,刘忠伦,吴明贵,周一敏(295)	
中药外敷治疗腹部切口脂肪液化	崔鸿斌,李培武,王秉钧,魏丽娜(297)
补肾通关颗粒治疗前列腺增生 70 例	胥小鹏,李恩强,郭艳芬,何召叶,郝建,张义明(300)
左归丸联合复方骨肽注射液治疗绝经后骨质疏松症	俞庆三,王青(302)
· 综述 ·	
胡椒碱的药代动力学研究进展	刘军辉,吴霞(304)
类风湿性关节炎滑膜血管新生与中医药	郭炜,刘春芳,林娜(308)
培元开郁法治疗血管性抑郁症用药规律探讨	黄世敬,王永炎(313)
绿原酸的吸收与代谢研究进展	高茹,林以宁,梁鸽,高缘(316)
· 信息 ·	
欢迎订阅 2012 年度《中国实验方剂学杂志》	(59)
《中国中药杂志》2012 年征订启事	(142)
欢迎订阅 2012 年《中国中医药信息杂志》	(152)
首届全国方剂组成原理高峰论坛征文通知	(320)
稿约,声明	(封二,248)

[期刊基本参数] CN11-3495/R * 1995 * s * 16 * 320 * zh * P * ¥25.00 * 5000 * 87 * 2012-10

本期责任编辑:何伟

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly

Established in October, 1995

Vol. 18 No. 10

May 2012

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 BM4655

ISSN 1005-9903

CN 11-3495/R

CONTENTS IN BRIEF

Analysis on Composition Principles of Prescriptions for Atrophic Lung Disease in the Book of 〈The Prescription of Traditional Chinese Medicine Dictionary〉

..... LI Jian, LU Peng, ZHANG Rui-xian, XING Fu-rong,

CHEN Jian-xin, TANG Shi-huan, YANG Hong-jun(1)

Systematic Review and Meta-analysis on Modified Dachengqi Decoction in Treatment of Severe Acute Pancreatitis

..... LI Jin-jin, RUI Qing-lin (6)

Analysis on Composition Principles of Prescriptions for Edema by Using Traditional Chinese Medicine Inheritance Support System

..... SUN Jing-chang, WANG Yan-ping(11)

Optimization of Alcohol Extraction Technology for Compound Shechuangzi Tincture by Similarity Bid Method

DUAN Xiao-peng, SHI Ji-lian, HE Fu-yuan, HUANG Jin-hong(17)

Optimization of Extraction Technology for K-CoxB-JN by Orthogonal Test

BAO Ju-tai, WEI Ling-yu, LIU Qian, LI Zhi-hui, LIU Xiao-ya,

CAO Yan-ling, XIE Fei, WANG Wei, ZHANG Yu-jie(21)

Comparison of the Content of Total Phenolic Acid in *Cibotium barometz* and its Processed Products from Different Areas

..... JU Cheng-guo, XU Gang, SONG Yong-jun,

ZHAO Wen-long, JIA Tian-zhu(24)

Formulation Design and *in vitro* Evaluation of Berberine Hydrochloride self-microemulsion

HE Lin, LIU Yi,

ZHENG Dong-mei, PAN Hai-wen, YUAN Fei, LONG Xiao-ying(26)

Optimization of Extraction Technology for Sanhuang Pill by Orthogonal Test

MA Yan, LA Xiao-jin, BAI Su-fen,

LV Jian-dong, ZHANG Xiao-peng,

HAN Gang, WANG Hong-yu, LA Wan-ying(31)

Optimization of Extraction Technology for Wet Ultrafine Grinding Technology on Earthworm Protein by Response Surface Methodology

YANG Feng-yun, FU Ting-ming,

GUO Li-wei, LIU Feng, ZHANG Wei(33)

Optimization of Purification Technology for Total Flavonoids from *Leontopodium leontopodioid*

CAO Yue, WANG Li,

ZHOU Ling, XIE Xue, XU Nan(38)

Optimization of Extraction Technology for Total Polysaccharides form *Asarum insignne*

WEI Xue-jun, LIN Xian-yan,

LI Xue-ying, FENG Guang-wei, LI Jiang, WANG Huai-fu(41)

• V •

Optimization of Technology for <i>Psoralea corylifolia</i> by Supercritical CO₂ Fluid Extraction	YU Shu-zhen, JIA Yuan, WANG Hui-hui, LIU Zhi-hui(44)
Optimization of Water Extraction Technology for Qiju Granule by Orthogonal Test	ZHU Bing-liang, LIANG Hui-zhen, MEN Jiu-zhang(47)
Separation and Purification Process of Total Flavonoids from <i>Glycyrrhiza uralensis</i>	LIU Jia, JI Fang, SUN Tao-li, NI Jing-man(49)
<i>In vitro</i> Percutaneous Absorption of Lappaconitine Micromulsion	LI Xi-lin, LUAN Jing, WANG Hui, MA Yan(52)
Comparison of Clarification Technology for Xiao'er Qingre Zhike Oral Solution	WANG Ling, ZHOU Zhi-chuan, GAO Xiao-li (55)
Optimization of Extraction Technology for Volatile Oil from Shentong Zhuyu Decoction by Central Composite Design and Response Surface Methodology	RUAN Hong-sheng, MA Ding, LIU Shu-min(60)
Optimization of Prescription and Preparation Technology for Genistein Water-solubility Suppository	MENG Qing-jie, PAN Wu-jiu, WANG Wei-ming(63)
Separation and Purification Technology of Total Saponins from <i>Panax quinquefolium</i> by Macroporous Resin ..	HAN Jing, FENG Li-jun, YAN Lei, LIN Long-fei, NI Jian(66)
Optimization of Extraction Technology for Baoxin Dripping Pill	CHEN Chao, ZHOU Fu-jun, HAN Zhong-yao, ZHU Xiao-wei, HOU Wen-bin(69)
Study on Identification of Four Kinds of Gentianaceae Mongolian Medicine Digeda with DNA Barcoding	CUI Zhan-hu, LI Min-hui, YUAN Qing-jun, WANG Zhen-wang, LI Qian-quan, ZHOU Li-she (72)
HPLC Fringerprint Analysis on Breviscarpin Dispersed in Tablets and Breviscapine Material	WANG Li-ming, LIANG Jian-ning, HUANG Xiao-yan, LONG Hai-yan, XIA Xin-hua, LI Wen-li(77)
Determination the Contens of Quercetin, Kaempferol from Different Medicinal Parts of <i>Lespedeza cuneata</i> by HPLC	ZHU Xiao-qin, PENG Shui-mei, WU Jin-zhong(80)
Content of Active Compounds in Water Extracts of Ephedra with Cinnamomi by Compatibility of Different Ratio	XU Wen-jie, CHEN Fei-long, XIE Ying, LUO Jia-bo(84)
Chemical Constituents of Volatile Oil from Flowers of <i>Camellia sasanqua</i>	XU Wen-hui, LIANG Qian(89)
Antioxidant Activity of 3-bromo-4,5-dihydroxybenzaldehyde	ZHANG Ning, YAN Hui-li, ZHANG Li-xin, ZHU Min, XU Bao-qin, WANG Zong-hua(91)
Content Determination of Hesperidin from Different Kinds of Pericarpium Citri Reticulatae by HPLC	HU Zhi-jun, CHEN Jian-qiu(95)
Chemical Constituents in Hemp Pectin I	CHEN Ben-chao, CAI Guang-ming, YUAN Ye, LI Ting-ting, HE Qun, HE Jin-feng(98)
Determination of Ingredients in Coreop Sistinctoria	LAN Wei, ZHAO Bao-sheng, LI Yu-qing, XU Tun-hai(101)
Studies on the Influence of Temperature on the Stability of Triterpenes in Herba <i>Ganoderma lucidum</i> by HPLC and Anti-tumor Activity Assays <i>in vitro</i>	DU Meng, LIU Xuan, CHEN Yan, DING An-wei(104)
Study on Biological Character of <i>Pueraria lobata</i> and Medicinal Materials	JI Bao-yu, PEI Li-xin, CHEN Sui-qing, DONG Cheng-ming(108)
Studies on HPLC Fingerprint of Rubiae Radix Et Rhizoma	WANG Kan, SUN Wen-jun, SHAN Ming-qiu, DING An-wei(113)
Investigation on Detection of Aflatoxins in Chinese Materia Medica and Pharmaceutical Intermediates Microbiological Contaminated by Immunoaffinity Column Clean-up Combined with Post-column Derivatization	HU Yi-chen, WAN Li, FAN Cheng-jie, LV Wei, YANG Fang, JI Lang(116)
Determination of Dphedrine Hydrochloride, Pseudoephedrine Hydrochloride and Methylephedrine Hydrochloride in Qianbai Biyan Tabelt by CE	DING Jia-jia, LI Zheng-zheng, SONG Fen-yun (120)
Chemical Constituents of <i>Saxifraga stolonifera</i>	XIAN Chun, GONG Xiao-jian, ZHAO Chao, ZHOU Xin, YANG Zhan-nan, WANG Long(124)
Study on Quality Standard for Yuanhu Zhitong Dropping Pills	DENG Yue-ting, ZHANG Xi-min, REN Yi-jie, JIA Ji-xi, LU Ying, WU Xiu-qin (127)
The Quantitative Analysis of Desmethoxymatteucinol in Rhizoma Dryopteridis Crassirhizomatis from Different Areas by HPLC	LIU Fang, DAI Wen-tao, GAO Zeng-ping (130)

RP-HPLC Determination of Germacron in <i>Curcuma Radix</i>	LIU Yu-hong, LIU Qian-lin, LI Xiao-liang, CHEN Yan, LI Qing-miao, YI Jin-hai(133)
The Best Compatibility Proportion of <i>Cimicifugae Rhizoma</i> and <i>Coptidis Rhizoma</i> Treating Canker Sore	ZHANG Peng, ZHANG Zheng-qiu, YU Tian-yu(137)
Determination of Imperatorin and Isoimperatorin in <i>Angelicae Dahurica Radix</i> Formula Granules by UPLC ...	BI Xiao-li, LUO Wen-hui, XU Ai-li, TAN Zhi-can(140)
Determination of Paeoniflorin and Ferulic Acid in Fukang Tablets by HPLC	LI Zhong-e, WANG Chun-ying(143)
Determination of Paeoniflorin and Geniposide in Jiawei Xiaoyao Pill by High Performance Capillary Electrophoresis	CHEN Yu-jie(146)
Study on Toxicity Attenuation and Efficacy Reservation of Manchurian Dutchmanspipe Stem Following Different Processing Methods	ZHANG Chun-hong, CHAO Rui, LI Qian-quan, ZHANG Na, ZHANG Lian-xue, LI Ming-hui(149)
Comprehensive Quality Evaluation of <i>Polygonum Capitatum</i> from Different Habitats by Principal Component Analysis and Cluster Analysis Method	PAN Wen-ting, ZHANG Li-yan, XIE Yu, LI Meng-lin, ZHOU Tao, WEI Sheng-hua, HE Ping(153)
Content Determination of Total Polysaccharide in the Garlic Polysaccharide by Colorimetry	WANG Rui-hai, BAI Dong, LIU Li-mei(158)
Determination of Total Polyphenol Content in Different Parts of <i>Rhizoma Bletillae Striatae</i>	ZHOU Yun-kai, LI Wei-ping, TIAN Sha-sha, MA Dan-dan, JIANG Fu-sheng, DING Zhi-shan(161)
Evaluation of Muti-herbs Remedy Prepared Differently based on Pharmacokinetic Variations of Huanglian Jiedu Decoction	HE Feng, GU Xiao-ying, GUO Li-wei, QIAN Zhi-lei, ZHU Hua-xu, TANG Yu-ping(165)
The Pharmacokinetics Study on Major Coptis Alkaloids in Rabbits Plasma after Oral Administration of Different Ratio of <i>Coptidis Rhizoma</i> and <i>Euodiae Fructus</i>	SUN Dong-mei, HUANG Xue-jun, LUO Wen-hui(170)
Simultaneous Determination of Morroniside and Loganin in Rats Plasma from Dispersible Tablets of Total Glucosides from <i>Cornus Officinalis</i> by HPLC ...	SUN Zhi-ming, JIAO Liang, ZHANG Zhi-fei, LI Xiao-na(174)
The Effect of Shenzhu Capsules on AP-1 and IL-2 of ERK Signal Pathway in Gastric Cancer Mice with Spleen-deficiency	DENG Qing-xiu, PENG Cheng, AO Hui, XIE Xiao-fang(177)
Pathology effect of Compound Qingqin on Kidneys of Rats with Gouty Nephropathy	GAO Shuang-rong, MA Wei-guo, SHANG Xue-zheng, JIN Lei, BAI Yu, LIU Hui, SUN Cui-ying, ZHENG Yan-fei, LIU Bo, TAN Ling, LU Yan, MENG Feng-xian(183)
The Invigorating Spleen Function by <i>Alisma orientalis</i> before and after Processing	ZHANG Hong-da, XIE Xue, CHEN Yu-zhu, REN Guo-jie, WANG Xiao-ling, XU Nan(187)
Expressions of TGF- β_1 /Smad4 mRNA of Kidney by Zuogui Wan in Ovariectomy-induced Osteoporosis Rats ...	REN Yan-ling, LI Ya-ling, LV Hai-bo, LIU Li-ping, ZHAO Jin-ru, WANG Liang-chen(190)
Effects of Pachymaran on Alpha-naphthylisothi-induced Jaundice in Rats	LIU Cheng, YANG Zong-guo, LU Yun-fei, LV Zhen, XU Qing-nian, PAN Qi, TANG Bo-zong, LV Ying, SUN Yuan, LU Ling-qing, CHEN Xiao-rong(195)
Effects of Paning Decoction on Behavior and Oxidative Stress Reaction in Rats with Parkinson's Disease	WANG Dong-mei, HAI Jing-ru, WEI Feng, MO Yi-sheng, FENG Jie(199)
Effects of <i>Cassia obtusifolia</i> Extract on Oxidative Stress Status in STZ-induced Diabetic Mice	ZHENG Rong-bo, HUANG Xiao-dan, HE Rong-rong, LI Wei-xi, LI Xiao-di, LI Yi-fang, KURIHARA Hiroshi(203)
Effect of Chaihu Shugan San on Memory Function in Alzheimer's Disease Rats	ZHAO Wei-xian, LI Gao-shen, FAN Xin-liu, XUE Hong-li, HUANG Xian-feng, PEI Rui, LI Ning-ning, WANG Li(207)
The Influence of Combined Application of Lentinan and Calcium Disodium Edetate on Learning, Memory Ability and the Function of the Central Cholinergic System in Lead Poisoning Mice	LIU Hui-fang, WEN Hui-juan, LI Yu-qiao, LIU Xin-xia, LIU Zhong-cheng, MA Huan-yun, WANG Xiao-hui(211)
Gene Expression Profile of Jinkui Shenqi Wan on the Spermatogenesis Recovery in Azoospermia Mice	WANG Ning, CHEN Xi-hua, ZHANG Shu-cheng, HE Bin, WANG Shang-ming, WEI Gang, ZHANG Bin, WANG Jie-dong(215)
Effects of Shengtaiwang Potion on the Activity of Anti-stress and Antioxidase in Mice	ZHANG Pei-jun, LI Bin-yu, ZHANG Li-hong, LI Jia-shan, LI Li-fen(221)

The Effect of Zhishi Xiebai Guizhi Decoction on Lipid Metabolism and Vascular Endothelium in Hyperlipidemia Rat	XIA Han-xin, ZHANG Ye(224)
Experiment Study on Anti-inflammatory Effect of Total Saponins from <i>Thladiantha dubia</i> Root	YU Xiao-min, LIU Yu-ling, LIU Yong-ping, TONG Ji-ming(227)
Effect of Naotong Capsule on the NMDA Receptors and Pyramidal Cells in Hippocampus of Vascular Dementia Model Rats	ZHANG Shu-sen, KUANG Shi-xiang, XIAO Yan, GUAN Zhi-zhong(230)
Influence of Buzhong Yiqi Tang on Myocardial Apoptosis and Expression of Proteins Fas, FasL and Caspase-3 in Rats of Hypothyroidism	GAO Tian-shu, HAN Xiao-qing, YIN Hui-si(236)
The Immunoregulation of Extracts from Fruits of <i>Acanthopanax gracilistylus</i> in Immunosuppressive Mice	ZHANG Zheng-guang, HUANG Hou-cai, QIAN Shi-hui(240)
Pharmacodynamic Comparison of <i>Fritillaria unibracteata</i> , <i>Fritillaria unibracteata</i> var. <i>wabensis</i> and <i>Fritillaria thunbergii</i> Cultivated	YAN Xiao-yan, TONG Zhi-yuan, YAN Zi-jun, LUO Yan-qiu, TANG Li, WU Shan-shan, YANG Jun, PENG Cheng(244)
Experimental Study on Antihypertension and <i>in vivo</i> Antioxidant Function of <i>Coreopsis</i> Extract	MING Ting, SUN Yu-hua, HU Meng-ying, HA Mu-la-ti, PANG Shi-bin, LIU Xiao-yan, ZHANG Lan-lan, JIN Hong-tao(249)
The Effect of Heat-cleaning and Pain-relieving Liniment on Gouty Arthritis Rats by Sodium Urate	WANG Yong, ZHAO Yue, ZHANG Di-ni, GUO Yao, BIAN Hui-min(253)
The Effects of Siwu Mixture on Ovarian Granulosa Cell Apoptosis of Chemotherapy-Induced Rats	SUN Hai-yun, CHEN Yun-zhi, XUE Xiao-ou(256)
The Expression of Bax Protein of Fructus Corni Polysaccharides in Human Cervical Cancer Cells	WANG En-jun, JIN Yi, WANG Zhe, YANG Huan-huan, ZHOU Yan-fen, LIU Bin(260)
Effect of Xueshuantong on Renal Function and Oxidation Indexes in Cisplatin-induced Nephrotoxicity Rats	XI Jia-xi, LIU Xiao-xia, YANG Yu-fang, ZHANG Chun-hua, LIU Hua-gang(263)
Effect of Tiaozhi Mixture on Hyperlipidemic Fatty Liver in Rats	XU Fang, LIU Ying, WANG Bin-sheng, LIU Meng-an(267)
The Antibacterial Activity of the Ethanol Extract <i>Toddalia asiatica</i> against <i>Candida albicans</i>	XU Ying, GUO Jing, LIU Xue, XI Yu-li, FAN Shu-xia(270)
Effect of Chaipu Decoction on Expression of Bcl-2 in Lung Tissue in Asthma Guinea Pigs	ZHANG Yu, DAI Ai-guo(275)
Inhibitory Effect of Shiquan Dabu Tang on Lewis Pulmonary Metastasis after Primary Tumor Excision in Mice	GUO Gang, XU Jian-hua, HAN Jian-hong, LIANG Fang, ZHANG Yong, ZHANG Qiang, SUN Jun, FAN Zhong-ze(279)
Clinical Observation on Shuxuetong Injection in Treatment of Patients with Acute Cerebral Infarction.	HUO Yan(285)
Clinical Observation of Prevention in 162 Cases with Influenza Virus Infection by Cangguo Spray	ZHONG Yan-chun, YANG Jin, GONG Jie-ning, WEI Kai-feng, MA Ke-xun(287)
Analysis on Medication Rule in Diabetes II Patients Treated with Traditional Chinese Medicine	MEI Jun(290)
Curative Effect of Enalapril and Tanshinone in Treatment of Acute Exacerbation of Chronic Pulmonary Heart Disease	YANG Ya-qin(292)
Progress in Pharmacokinetics Study of Piperine	LIU Jun-hui, WU Xia(304)
Synovial Angiogenesis in Rheumatoid Arthritis and Intervention of Traditional Chinese Medicine	GUO Wei, LIU Chun-fang, LIN Na(308)
Discussion on Law of Application of Drugs in Treatment of Vascular Depression by Cultivating Yuan and Dissipating Depression	HUANG Shi-jing, WANG Yong-yan(313)
Absorption and Metabolism of Chlorogenic Acid	GAO Ru, LIN Yi-ning, LIANG Ge, GAO Yuan(316)

Responsible editor: HE Wei