

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4月 第19卷 第8期
April Vol.19 No.8

8
2013

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19卷 第8期 2013年4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

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:syfx_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 ·
- 丹七方不同剂型的体外溶出度比较 牛辰瑾,许浚,张铁军(1)
- 折光法在树脂精制枳实中有效成分的应用 曾文雪,姚珍珍,涂瑶生,陈银芳,宋小玲,王跃生(4)
- 麸炒白术的炮制工艺优化 赵文龙,吴慧,贾天柱(8)
- 正交试验法优选醋炙独一味炮制工艺 唐坤,王文全,李标(10)
- HPLC同时测定全蝎不同工艺提取物中5种核苷类化合物含量 田晓然,付廷明,郭立玮(13)
- 多指标加权评分法优选润肤止痒脂质体凝胶提取工艺 罗懿,欧阳荣,李珊,任卫琼,万艳群(17)
- 青蒿有效部位的提取工艺优化及驱蚊效果评价 李其凤,朱伟,陈沛泉,高岩,王琪,胡艳山,宋健平,邓长生(20)
- 聚酰胺树脂分离纯化忍冬藤叶中绿原酸的工艺优选 喻菁,王小平,陈俊(23)
- 响应曲面分析法优化油茶籽中总黄酮提取工艺 陈诗强,林江萧,陈剑锋,刘国敏,龚林光,梁一池(26)
- 土木香根中土木香内酯和异土木香内酯的微波辅助提取工艺优化 赵永明,张敬,王哲,王宏霞,商兰兰,郭春燕,张万明(30)
- 东北铁线莲中抗肿瘤活性成分的提取工艺优选 金晨,翟兴英,李翔,张武岗,唐琍萍,张凌,冯育林,杨世林(33)
- 延胡索乙素柔性脂质体的制备与透皮吸收 刘广,齐娜,孙考祥,张延惠(37)
- 考布他汀4A磷酸酯缓释纳米粒的制备及抗肿瘤活性考察 夏虎雄,蒲君峰(40)
- 中药材二氧化硫残留快速检测方法的建立 彭月,陈鸿平,银玲,李雪莲,杨丽,刘荣,刘友平(44)
- 星点设计-效应面法优化熊果酸自微乳给药系统 孙丹丹,徐新刚,生立嵩,于蓓蓓,闫雪生(46)

气血双补口服液的提取工艺优选	唐安福,崔恩忠,汤湜(51)
穿心莲内酯自微乳化制剂的处方优化及质量评价	朱双燕,尹蓉莉,崔名全,孔艳,张立,陈柳钦(55)
康复新液 UPLC 指纹图谱研究	吴红梅,徐峰,刘李梅,王祥培,杨明(59)
参桃软肝胶囊质量标准	贾建伟,李慧,张恩欣,周岱翰,李远彬,赖小平(63)
苦柏妇炎栓水提醇沉工艺优选	姚琳,孙妍,高菲,王伟明(66)
HPLC 测定布洛芬口服溶液中苯甲酸钠、安赛蜜含量	黎艳刚,段峰,郭丽蓉,程飞,王真,杨武亮(69)
· 化学与分析 ·	
新西兰牡荆苷等 4 种碳苷黄酮的电喷雾质谱裂解规律研究	刘建群,舒积成,张锐,张维,潘景行(72)
HPLC 测定凤眼草中槲皮素与山柰素的含量	孟宪波(77)
芪苈强心胶囊 UPLC 指纹图谱研究	姜新刚,贾继明,李叶双,乔莉(80)
不同纯化方法对金银花提取物中咖啡酰奎宁酸类成分含量的影响	邱新建,赵海鹏,刘向东,苏瑞强,李守信,赵志全(83)
UPLC-MS 定性定量检测稳糖安胶囊中降糖类化学药品	樊磊磊,刘乃强,李振国(87)
附子的化学成分研究	吴克红,唐力英,王祝举(91)
忍冬叶化学成分研究	马俊利(95)
辐射灭菌对西洋参巴布剂质量的影响	谢友良,童玉林,赵学军,赖小平,刘常青,蒋东旭,易智彪(98)
西洋参鲜品与干品蛋白质、维生素 C、维生素 E、挥发油成分及超氧化物歧化酶活性的比较	张建遼,高睿,康廷国,窦德强,王谷强(102)
苦杏仁中苦杏仁苷的存在形式及其影响因素	汤庆发,谢颖,陈飞龙,郭阳,宋帅,罗佳波(107)
川白芷不同品种(系)挥发油成分 GC-MS 分析	郭耀杰,吴卫,李静夜,邵金凤,陈郡雯(110)
不同干燥方法对川芎不同部位丁苯酞含量的影响	余昕,张丹,欧丽兰,袁叶飞(116)
蜜麸炒僵蚕的质量标准研究	赵清,秦桂芳,桂雪虹,梁宪茂,贾天柱(120)
HPLC 同时测定不同产地葛根中 6 种主要异黄酮类成分的含量	王治平,李卫民,高英,刘杰(125)
海南黄灯笼辣椒不同提取物化学成分 GC-MS 分析	李洪福,李海龙,王勇,魏娜,赖伟勇,陈峰(129)
柴胡口服液 HPLC 指纹图谱及柴胡皂苷 b ₂ 的含量测定	刘伟,杨艳玲,刘乃强,樊磊磊(134)
QuEChERS 法联合在线 GPC-GC-MS 测定独活中 27 种农药残留	惠恩健,盛振华,方文忠,任学聪,葛尔宁(138)
HPLC 同时测定苦豆子总碱中 8 种生物碱含量	刘振龙,张丽,魏蕾初,郑堰心,邓虹珠(142)
运用近红外技术建立藿香正气胶囊中厚朴酚的定量模型	郭念欣,蔡佳良,李蕾蕾,黄洁燕,姬生国(146)
亲水液相色谱-三重四极杆质谱检测河豚鱼肝中的河豚毒素	陈晓,文红梅,李伟,张路,赵继红(149)
· 分子生物 ·	
基于 β -AS 基因的甘草道地性形成机制研究	席培宇,刘颖,陈宏昊,刘春生(153)
· 药物代谢 ·	
大黄酸肠溶缓释微丸在家兔体内的药代动力学研究	赵一洁,张丹参,张力,张夏微,金灿(159)
· 药理 ·	
桂郁金水提取物对大鼠肝胞浆和微粒体内 II 相脱毒酶的影响	石卫州,程允相,樊星花,杨秀芬(163)
补肾方胚胎期干预子代成年大鼠 IGT 及其胰岛素抵抗、瘦素抵抗的研究	许凯霞,王永辉,杨向竹,牛欣,冯前进(167)
三七总皂苷对快速老化痴呆模型小鼠 SAMP8 炎症因子及小胶质细胞的影响	黄金兰,陆璐,黄丹,冯颖琴,崔雯,张雯艳,钟振国(171)
黄芪和丹参提取物配伍对大鼠心肌梗死后心肌组织病理变化的影响	杨雷,毛秉豫,徐国昌,叶松山,卞华,曾小涛(175)

溃结灵含药血清对 Caco-2 细胞损伤模型 ITF 基因和 MUC2 蛋白表达的影响	张涵,李燕舞,巫燕莉,杜群,王汝俊(180)
高脂血症合并脑缺血对模型大鼠炎症因子的影响	张振强,贾亚泉,宋军营,李澎涛,潘彦舒,王丛笑,吕欢欢(183)
消痈溃得康对乙酸致胃溃疡模型大鼠血清 GAS 及 MTL 含量的影响	白析玮,曲怡,蒋宁,孙云峰,林庶茹,才丽平,郑洪新,周学文(188)
柴胡皂苷对无水乙醇致胃黏膜损伤的保护作用	王帅,包永睿,孟宪生,杨欣欣(191)
左旋多巴甲酯对剥夺性弱视猫视网膜 c-fos 表达的影响	梁韬,黎荣,林兴,张士军,蒋伟哲,黄仁彬(194)
配伍禁忌半夏、贝母对乌头汤抗氧化活性的影响	李世哲,陈瑞战,齐瑶,皮子凤,宋凤瑞,刘志强(198)
赤霉素总有机酸对大鼠离体子宫平滑肌的作用及机制研究	赵盼,佟继铭,刘玉玲,宋素英(202)
何首乌与制何首乌补血作用及 HPLC 指纹图谱的比较	金嘉文,陈有军,刘梅,侯少贞,许冬瑾,马兴田,向飞军(206)
梔子抑制 α -葡萄糖苷酶活性成分研究	肖小华,王丽华,徐丽璞,丁琦,李艳,曾宪仪(210)
二苯乙烯苷联合 PDT 抗 H_2O_2 诱导的人脐静脉内皮细胞凋亡	龙石银,杨滢,高细强,刘英,乔新惠,张彩平,陈志军,田英(213)
赤霉素总皂苷对类风湿性关节炎大鼠血清 OPG/RANKL 水平的影响	邹君,刘永平,顾士栋,阎昊,佟继铭(218)
健脾益气活血汤对自发性高血压大鼠血管内皮舒缩因子表达的影响	曲怡,张立德,陈志娟,王珊珊,谷丽艳,林庶茹(221)
四妙勇安汤对血栓闭塞性脉管炎大鼠的保护作用	李娜,曲晓波,蔺爽,李辉,林贺,李晶,律广富,吴霄云,林喆(225)
广西小叶红叶藤不同极性溶剂提取物体外抗氧化活性	吕金燕,霍丽妮,廖艳芳,李培源,陈睿,张志翔(228)
葛根总黄酮逆转链脲佐菌素诱导糖尿病小鼠胰腺损伤的实验研究	徐灵源,黎荣,梁韬,段小群,韦斯军(231)
决明子乙醇提取物对高脂血症模型大鼠瘦素及神经肽 Y 的影响	高丽,周文静,马艳苗,王永辉(235)
蒙药祛“热”凉性方剂给旺-9 对四氯化碳诱导大鼠急性肝衰竭的影响	王欢,乌恩其(238)
通络化痰胶囊对脑缺血损伤大鼠神经细胞凋亡及 Bel-2, Bax 的影响	富苏,韩经丹,周杰,范吉平(242)
补阳还五汤和星萎承气汤促进脑缺血大鼠神经修复和对肝肾功能的保护研究	刘会贤,刘敬霞,俞维,黑长春,刘洋,李娟,李晶晶(247)
小柴胡汤对功能性消化不良大鼠血管活性肠肽、胃排空及小肠推进率的影响	郁保生,张国山,石晓理,晏桂华(251)
活血化瘀中药对 COPD 血管重塑的干预作用	张伟,谷明明,孙璐璐,韩佳,姚玉强(254)
中药复方双术油抗肿瘤机制的研究	蒋媛媛,徐扬,李媛媛,李先荣(258)
白屈菜提取物中生物碱的镇痛抗炎作用研究	李静,田芳,李美艳,刘明,赵雪梅(262)
肾茶总黄酮对大鼠慢性非细菌性前列腺炎的影响	甘典辉,唐爱存,伍小燕,李峰(266)
· 毒理 ·	
吴茱萸水提组分对大鼠长期毒性实验研究	黄伟,孙蓉(269)
· 临床 ·	
消渴丸联合血脂康对 2 型糖尿病高脂血症 MBL 的影响	张玉泉,杨建锋(274)
补肾祛寒治疔汤加减联合外洗治疗类风湿性关节炎	何羿婷,赵国青,刘益臻(277)
益肺胶囊联合痰咳净散对 COPD 稳定期的临床疗效	王琴(281)

肝苏颗粒对慢性乙型肝炎患者 IL-21 的影响	莫菁莲,王政(284)
丹参川芎嗪注射液联合中药灌肠对慢性肾脏病的疗效及作用机制研究	金晟(287)
中药三联疗法对急性脑梗死疗效及对脑血流量的影响	石青(290)
加味桂枝茯苓汤对多囊卵巢综合征血清瘦素的影响	唐丽平,韦祎(293)
翘荷汤加味治疗急性咽炎 62 例	姜胤辉,全庆忠,陈珊珊,王静,谭秀珍(296)
从脾辨治慢性荨麻疹临床研究	张翠月,高征,刘银伟(298)
辨证治疗糖尿病性便秘	左振魁,韩佳瑞(302)
血必净注射液治疗老年坠积性肺炎	靳学雷(305)
肾康注射液辅助治疗早期糖尿病肾病的疗效及对氧化应激的影响	
..... 王爱媛,房辉,王余,田骆冰,张坤,唐文军,彭鹏,戴立志,杨岳(308)	
云南白药促进宫颈上皮内瘤变宫颈冷刀锥切术后的康复	俞晶,杨宏英,张红平(311)
脑脉泰胶囊加复方脑蛋白水解物片治疗老年恢复期脑梗死	凌小林(314)
基于用药合理与安全分析中药注射剂治疗脑卒中的临床研究	倪小佳(317)
艾迪注射液对肺癌放疗患者细胞因子表达的影响	赵亚娟,李青山,刘兰芳,吕喜英,张力,杜新生(323)
氟比洛芬酯与舒芬太尼联合用于肠道肿瘤术后的代谢调理作用分析	周峰(326)
中西医结合治疗非静脉曲张性上消化道出血	王宏宇(329)
补肾温阳化瘀法治疗子宫内膜异位症 30 例	刘京芳,陈景伟,杜慧兰,张培红(332)
中西医结合治疗中晚期结肠癌 61 例	曾琛,邓晓明,杜纪英,崔伟锋(335)
中西医结合治疗对冠心病患者血浆 BNP 水平变化的影响	陈红燕,彭绍蓉(338)
复方丹参滴丸对早期糖尿病视网膜病变患者血管内皮功能的影响	
..... 杨丕坚,李舒敏,吕以培,黄中莹,黄虹(340)	
中药结合牵引治疗中老年神经根型颈椎病	程建,马勇,袁涛(344)
· 数据挖掘 ·	
基于数据库的平性药组方配伍规律研究	邓家刚,孙冰,郝二伟,韩海荣,张丽,胡申(347)
愈肠宁治疗溃疡性结肠炎的组方设计研究分析	向孙敏,王莹,谢兴亮,韩丽,杨明(350)
治疗老年痴呆病中药应用频次及临床分析	石景洋,付卫云,毛秉豫,李凤芝(355)
· 综述 ·	
中医药在抗胃溃疡研究应用中的现状与进展	陈伟良,伍振峰,邓中银,胡鹏翼,王芳,郑琴,杨明(362)
白术抗肿瘤作用的研究及应用进展	向小庆,叶红(367)
具有雌激素样作用的补肾阳药对脂代谢的影响	
..... 欧丽娜,张建军,王林元,王淳,王景霞,高晶,李伟,高学敏(371)	
· 信息 ·	
欢迎订阅 2013 年度《中国实验方剂学杂志》	(36)
欢迎订阅 2013 年《中国中医药信息杂志》	(119)
《中国中药杂志》2013 年征订启事	(174)
《天津中医药》2013 年征订启事	(212)
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 * 101 * 2013-08

本期责任编辑:何伟

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly

Established in October, 1995

Vol. 19 No. 8

April 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

- Comparison of *in vitro* Dissolution between Different Dosage Forms of Danqi Prescription** NIU Chen-jin, XU Jun, ZHANG Tie-jun (1)
- Application of Refractometry in Purification Technology of Active Ingredients from *Citrus aurantium* by Macroporous Resin** ZENG Wen-xue, YAO Zhen-zhen, TU Yao-sheng, CHEN Yin-fang, SONG Xiao-ling, WANG Yue-sheng (4)
- Optimization of Processing Technology for *Atractylodes macrocephala* Frying with Bran** ZHAO Wen-long, WU Hui, JIA Tian-zhu (8)
- Optimization of Processing Technology for *Lamiophlomis rotata* Frying with Vinegar by Orthogonal Test** TANG Kun, WANG Wen-quan, LI Biao (10)
- HPLC Simultaneous Determination of Five Nucleoside Compounds in Extracts of *Buthus martensii* by Different Extraction Technologies** TIAN Xiao-ran, FU Ting-ming, GUO Li-wei (13)
- Optimization of Extraction Technology of Runfu Zhiyang Liposome Gels by Multiple Index Weighted Scoring Method** LUO Yi, OUYANG Rong, LI Shan, REN Wei-qiong, WAN Yan-qun (17)
- Optimization of Extraction Technology of Effective Parts in *Artemisia annua* and Evaluation of Its Repellent Effect** LI Qi-feng, ZHU Wei, CHEN Pei-quan, GAO Yan, WANG Qi, HU Yan-shan, SONG Jian-ping, DENG Chang-sheng (20)
- Optimization of Separation and Purification Technology for Chlorogenic Acids in Leaves of *Lonicera japonica* with Polyamide Resin** YU Jing, WANG Xiao-ping, CHEN Jun (23)
- Optimization of Extraction Technology for Total Flavonoids from *Camellia oleifera* Seeds by Response Surface Methodolgy** CHEN Shi-qiang, LIN Jiang-xiao, CHEN Jian-feng, LIU Guo-min, GONH Lin-guang, LIANG Yi-chi (26)
- Optimization of Microwave-assisted Extraction Technology for Alantolactone and Isoalantolactone from *Inula helenium* Roots** ZHAO Yong-ming, ZHANG Jing, WANG Zhe, WANG Hong-xia, SHANG Lan-lan, GUO Chun-yan, ZHANG Wan-ming (30)
- Optimization of Extraction Process of Anti-tumor Active Ingredient in *Clematis manshurica* Rupr** JIN Chen, ZHAI Xing-ying, LI Xiang, ZHANG Wu-gang, TANG Li-ping, ZHANG Ling, FENG Yu-lin, YANG Shi-lin (33)
- Preparation and Transdermal Absorption of *dl*-tetrahydropalmatine Flexible Liposomes** LIU Guang, QI Na, SUN Kao-xiang, ZHANG Yan-hui (37)
- Preparation and Anti-tumor Activity Investigation of Combretastatin A-4P Nanoparticles Encapsulated with PLGA** XIA Hu-xiong, PU Jun-feng (40)
- Establishment of Rapid Detection Method for Sulfur Dioxide Residues in Chinese Herbal Medicines** PENG Yue, CHEN Hong-ping, YIN Ling, LI Xue-lian, YANG Li, LIU Rong, LIU You-ping (44)

Optimization of Self-microemulsion Drug Delivery System of Ursolic Acid by Central Composite Design/Response Surface Methodology	SUN Dan-dan, XU Xin-gang, SHENG Li-song, YU Bei-bei, YAN Xue-sheng(46)
Optimization of Extraction Technology of Qixue Shuangbu Oral Liquid	TANG An-fu, CUI En-zhong, TANG Hao(51)
Prescription Optimization and Quality Evaluation of Andrographolide Self-microemulsion Preparation	ZHU Shuang-yan, YIN Rong-li, CUI Ming-quan, KONG Yan, ZHANG Li, CHEN Liu-qin(55)
Investigation of UPLC Fingerprint for Kangfuxin Liquid	WU Hong-mei, XU Feng, LIU Li-mei, WANG Xiang-pei, YANG Ming(59)
Quality Standard of Shentao Ruangan Capsules	JIA Jian-wei, LI Hui, ZHANG En-xin, ZHOU Dai-lian, LI Yuan-bin, LAI Xiao-ping(63)
Optimization of Water Extraction and Alcohol Precipitation Technology of Kubai Fuyan Suppositories	YAO Lin, SUN Yan, GAO Fei, WANG Wei-ming(66)
Content Determination of Sodium Benzoate and Acesulfame in Ibuprofen Oral Solution by HPLC	LI Yan-gang, DUAN Feng, GUO Li-rong, CHENG Fei, WANG Zhen, YANG Wu-liang(69)
Study on the Four Flavone-C-glycosides by Electrospray Ionization Tandem Mass Spectrometry	LIU Jian-qun, SHU Ji-cheng, ZHANG Rui, ZHANG Wei, PAN Jing-hang(72)
HPLC Determination of Quercetin and Kaempferol in Ailanthi Fructus	MENG Xian-bo(77)
UPLC Fingerprints of Qili Qiangxin Capsule	JIANG Xin-gang, JIA Ji-ming, LI Ye-shuang, QIAO Li(80)
Effects of Different Purification Methods on Content of Caffeoyl Quinic Acids from Flos Lonicerae Extractive	QIU Xin-jian, ZHAO Hai-peng, LIU Xiang-dong, SU Rui-qiang, LI Shou-xin, ZHAO Zhi-quan(83)
Qualitative and Quantitative Determination of Antidiabetic Drugs in Wentangan Capsule by UPLC-MS	FAN Lei-lei, LIU Nai-qiang, LI Zhen-guo (87)
Study on Chemical Constituents of Aconiti Lateralis Radix Proeparata	WU Ke-hong, TANG Li-ying, WANG Zhu-ju(91)
Chemical Constituents from the Leaves of <i>Lonicera japonica</i>	MA Jun-li(95)
Effect of Irradiant Sterilization on Quality of American Ginseng Cataplasm	XIE You-liang, TONG Yu-lin, ZHAO Xue-jun, LAI Xiao-ping, LIU Chang-qing, JIANG Dong-xu, YI Zhi-biao(98)
Comparative Study on the Component of Protein, Vitamin C, Vitamin E and Volatile Oil and SOD Activity of Fresh and Dried American Ginseng	ZHANG Jian-kui, GAO Rui, KANG Ting-guo, DOU De-qiang, WANG Gu-qiang(102)
Existing form of Amygdalin in Bitter Almond and Influence Factors	TANG Qing-fa, XIE Ying, CHEN Fei-long, GUO Yang, SONG Shuai, LUO Jia-bo(107)
GC-MS Analysis of Essential Oil from Different Varieties (Strains) of <i>Angelica dahurica</i> var <i>formosana</i>	GUO Yao-jie, WU Wei, LI Jing-ye, SHAO Jin-feng, CHEN Jun-wen(110)
Effect of Different Drying Methods on Butylphthalide in Different Parts of <i>Ligusticum chuanxiong</i>	YU Xin, ZHANG Dan, OU Li-lan, YUAN Ye-fei(116)
Quality Standard of Honey Bran Fried Bombyx Batryticatus	ZHAO Qing, QIN Gui-fang, GUI Xue-hong, LIANG Xian-mao, JIA Tian-zhu(120)
Simultaneous Determination of Six Isoflavonoids in Radix Puerariae Lobatae from Different Habitats by HPLC	WANG Zhi-ping, LI Wei-min, GAO Ying, LIU Jie(125)
Studies on Chemical Constituents of Different Extracts from <i>Capsicum chinense</i> by GC-MS	LI Hong-fu, LI Hai-long, WANG Yong, WEI Na, LAI Wei-yong, CHEN Feng(129)
Study on Fingerprint and Determination of Saikosaponin b₂ of Radix Bupleuriorial Liquids by HPLC	LIU Wei, YANG Yan-ling, LIU Nai-qiang, FAN Lei-lei(134)
Determination of 27 Pesticide Residues in Angelica Pubescentis Radix by QuEChERS and Online GPC-GC-MS	HUI En-jian, SHENG Zhen-hua, FANG Wen-zhong, REN Xue-cong, GE Er-ning(138)
HPLC Method for Simultaneous Determination of 8 Kinds of Alkaloids in Total Alkaloids of Sophora Alopecuroides	LIU Zhen-long, ZHANG Li, WEI Lei-chu, ZHENG Yan-xin, DENG Hong-zhu(142)
Determination content of Magnolol in Huoxiang Zhengqi Capsules Separate from Different Pharmaceutical Factories by Near-infrared Spectroscopy	GUO Nian-xin, CAI Jia-liang, LI Lei-lei, HUANG Jie-yan, JI Sheng-guo(146)
Determination of Tetrodotoxin in Liver Using Hydrophilic Interaction Liquid Chromatography Coupled with Triple Quadrupole Mass Spectrometry	CHEN Xiao, WEN Hong-mei, LI Wei, ZHANG Lu, ZHAO Ji-hong(149)
Researches on Formation Mechanism of Genuineness of <i>Glycyrrhiza uralensis</i> Based on β-AS Gene	XI Pei-yu, LIU Ying, CHEN Hong-hao, LIU Chun-sheng(153)
Studies on Pharmacokinetics of Rhubarb Acid Enteric-coated Sustained-release Pellets in Rabbits	ZHAO Yi-jie, ZHANG Dan-shen, ZHANG Li, ZHANG Xia-wei, JIN Can(159)
Effects of Water Extract of <i>Curcuma kwangsiensis</i> on Detoxication Enzymes in Cytosol and Microsomes of Rat Liver	SHI Wei-zhou, CHENG Yun-xiang, FAN Xing-hua, YANG Xiu-fen(163)

Study on Preventive Effect of Prescription for Tonifying Kidney During Embryonic Period on IGT and Insulin Resistance, Leptin Resistance	XU Kai-xia, WANG Yong-hui, YANG Xiang-zhu, NIU Xin, FENG Qian-jin(167)
Effect of <i>Panax notoginseng</i> Saponins on Inflammatory Factors and Microglia Cell of SAMP8 Mice	HUANG Jin-lan, LU Lu, HUANG Dan, FENG Ying-qin, CUI Wen, ZHANG Wen-yan, ZHONG Zhen-guo(171)
Effect of Compatibility of <i>Astragali Radix</i> and <i>Salviae Miltiorrhizae Radix et Rhizoma</i> Extract on Pathological Changes of Myocardium in Rats after Myocardial Infarction	YANG Lei, MAO Bing-yu, XU Guo-chang, YE Song-shan, BIAN Hua, ZEN Xiao-tao(175)
Effect of Kuijieling Decoction Containing Serum on ITF mRNA and MUC2 Protein Expression in Caco-2 Cell Injury Model	ZHANG Han, LI Yan-wu, WU Yan-li, DU Qun, WANG Ru-jun(180)
Hyperlipidemia Merger of Cerebral Ischemia in Rat Models of Inflammation Factor Influence	ZHANG Zhen-qiang, JIA Ya-quan, SONG Jun-ying, LI Peng-tao, PAN Yan-shu, WANG Cong-xiao, LV Huan-huan(183)
Effect of Xiaoyong Kuidekang on Expressions of GAS and MTL in Rat Ulcer Model	BAI Xi-wei, QU Yi, JIANG Ning, SUN Yun-feng, LIN Shu-ru, CAI Li-ping, ZHENG Hong-xin, ZHOU Xun-wen(188)
Protective Effect of Saponins from <i>Bupleurum Chinense</i> on Ethanol-Induced Gastric Lesion	WANG Shuai, BAO Yong-ru, MENG Xian-sheng, YANG Xin-xin(191)
Effects of <i>l</i>-dopa Methyl Ester on the c-fos Expression in Retina of Monocular Deprivation Cats	LIANG Tao, LI Rong, LIN Xing, ZHANG Shi-jun, JIANG Wei-zhe, HUANG Ren-bin(194)
Effect of <i>Pinelliae Rhizoma</i> and <i>Fritillariae Thunbergii Bulbus</i> on Antioxidant Activity of Wutou Decoction	LI Shi-zhe, CHEN Rui-zhan, QI Yao, PI Zi-feng, SONG Feng-ru, LIU Zhi-qiang(198)
Effect of Total Organic Acid of <i>Thladiantha Dubia</i> on Active Capacity of Isolated Rat Uterine Smooth Muscle <i>in vitro</i>	ZHAO Pan, TONG Ji-ming, LIU Yu-ling, SONG Su-ying(202)
Comparison on Effect of Anemia Animal Model and HPLC Fingerprint Chromatogram between <i>Polygoni Multiflori Radix</i> and <i>Polygoni Multiflori Radix Preparata</i>	JIN Jia-wen, CHEN You-jun, LIU Mei, HOU Shao-zhen, XU Dong-jin, MA Xing-tian, XIANG Fei-jun(206)
Study on Inhibition of <i>Gardeniae Fructus</i> Extracts on Alpha-glucosidase	XIAO Xiao-hua, WANG Li-hua, XU Li-ying, DING Qi, LI Yan, ZENG Xian-yi(210)
Effect of TSG and PDTC on Apoptosis of HUVECs Induced by H₂O₂	LONG Shi-yin, YANG Ying, GAO Xi-qiang, LIU Ying, QIAO Xin-hui, ZHANG Cai-ping, CHEN Zhi-jun, TIAN Ying(213)
Effect of Saponins from <i>Thladiantha dubia</i> Roots on Levels of OPG/RANKL in Serum of Rat with Rheumatoid Arthritis	ZOU Jun, LIU Yong-ping, GU Shi-dong, YAN Hao, TONG Ji-ming(218)
Influence of Jianpi Yiqi Huoxue Decoction on Vasomotor Factors Expression in Vascular Endothelium of Spontaneously Hypertensive Rats	QU Yi, ZHANG Li-de, CHEN Zhi-juan, WANG Shan-shan, GU Li-yan, LIN Shu-ru(221)
Protect Effect of Simiao Yong'an Decoction on Thromboangitis Obliterans in Rats	LI Na, QU Xiao-bo, LIN Shuang, LI Hui, LIN He, LI Jing, LV Guang-fu, WU Xiao-yun, LIN Zhe(225)
Antioxidant Activity of Different Extracts from <i>Rourea microphylla</i> in Guangxi	LV Jin-yan, HUO Li-ni, LIAO Yan-fang, LI Pei-yuan, CHEN Rui, ZHANG Zhi-xiang(228)
Experimental Study of Reversion of <i>Puerariae Radix Lobatae</i> Flavonoids on Pancreas Injury Induced by Streptozotocin in Mice	XU Ling-yuan, LI Rong, LIANG Tao, DUAN Xiao-qun, WEI Si-jun(231)
Effects of Ethanol Extraction from <i>Cassiae Semen</i> on Leptin and NPY in Hyperlipidemia Rats	GAO Li, ZHOU Wen-jing, MA Yan-miao, WANG Yong-hui(235)
Effect of Mongolian Medicine GEI Wang-9 with Cool Nature and Removing Heat on Acute Liver Failure Induced by Carbon Tetrachloride	WANG Huan, WU En-qi(238)
Influences of Tongluo Huatan Capsule on Neuron Apoptosis and Expression of Bax and Bcl-2 in Rats with Cerebral Ischemic Injury	FU Su, HAN Jing-dan, ZHOU Jie, FAN Ji-ping(242)
Effects of Buyang Huanwu Decoction and Xinglou Chengqi Decoction on Nerves Functional Rehabilitation and Protection of Liver and Kidney Function in Rats with Cerebral Ischemia	LIU Hui-xian, LIU Jing-xia, YU Wei, HEI Chang-chun, LIU Yang, LI Juan, LI Jing-jing(247)
Effects of Xiaochaihu Decoction on VIP, Gastric Emptying and Small Intestine Advance Rate in Functional Dyspepsia Rats	YU Bao-sheng, ZHANG Guo-shan, SHI Xiao-li, YAN Gui-hua(251)
Intervention Effect of Activating Blood Circulation and Eliminating Stasis Chinese Herbs on Vessel Remolding of COPD	ZHANG Wei, GU Ming-ming, SUN Lu-lu, HAN Jia, YAO Yu-qiang(254)
Anti-tumor Mechanism of Chinese Herbal Compound Shuang-Zhu	JIANG Yuan-yuan, XU Yang, LI Yuan-yuan, LI Xian-rong(258)
Analgesic and Anti-inflammatory Effect of the Alkaloid in <i>Chelidonium Majus</i> Extract	LI Jing, TIAN Fang, LI Mei-yan, LIU Ming, ZHAO Xue-mei(262)
Effect of Total Flavonoids of <i>Clerodendranthus spicatus</i> on Chronic Abacterial Prostatitis in Rats	GAN Dian-hui, TANG Ai-cun, WU Xiao-yan, LI Feng(266)
Study on Chronic Toxicity of Water Extraction Components from <i>Evodia Fructus</i> in Rats	HUANG Wei, SUN Rong(269)

Effect of Xiaoke Wan and Xuezhikang on Mannan Binding Lectin in Patients with Type2 Diabetes Mellitus and Hyperlipidemia	ZHANG Yu-quan, YANG Jian-feng(274)
Clinical Observation on Rheumatoid Arthritis Treated with Busheng Quhan Zhiwang Decoction and External Bathing	HE Yi-ting, ZHAO Guo-qing, LIU Yi-zhen(277)
Clinical Effects of Yifei Capsule plus Tankejing Powder on Stable-stage Patients with Chronic Obstructive Pulmonary Disease	WANG Qin(281)
Effect of Gansu Granule on Patients with Chronic Hepatitis B	MO Qing-lian, WANG Zhen(284)
Effect of <i>Salvia Miltiorrhiza</i> and <i>Ligustrazine</i> Injection in Combination with Traditional Chinese Medicine Enema on Chronic Kidney Disease and its Mechanism	JIN Cheng(287)
Clinical Effect of Triple Therapy of Chinese Medicine for Acute Cerebral Infarction and its Influence on Cerebral Blood Flow	SHI Qing(290)
Effect of Modified Guizhi Fuling Decoction on Serum Leptin Levels in Patients with Polycystic Ovarian Syndrome	TANG Li-ping , WEI Yi(293)
Clinical Observation of Qiaohe Plus Decoction for Treating Acute Pharyngitis	JIANG Yin-hui, TONG Qing-zhong, CHEN Shan-shan, WANG Jin, TAN Xiu-zhen(296)
Clinical Observation for Treating Chronic Urticaria Based on Spleen Differentiation	ZHANG Cui-yue, GAO Zheng, LIU Yin-wei(298)
Treatment of Constipation Induced by Diabetes with Chinese Herbal Medicine According to Syndrome Differentiation	ZUO Zhen-kui, HAN Jia-rui(302)
Clinical Effects of Xuebijing Injection on Treatment of Patients with Old Hypostatic Pneumonia	JIN Xue-lei(305)
Effect of Shenkang Injection as an Adjunctive Treatment on Early Diabetic Nephropathy and on Patient' Oxidative Stress	WANG Ai-yuan, FANG Hui, WANG Yu, TIAN Luo-bing, ZHANG Kun, TANG Wen-Jun, PENG Peng, DAI Li-zhi, YANG Yue(308)
Yunnan Baiyao for Promoting Postoperative Rehabilitation of Cervical Intraepithelial Neoplasia by Cold Knife Conization	YU Jin, YANG Hong-ying, ZHANG Hong-ping(311)
Clinical Observations of Naomaitai Capsules Plus Compound Cerebroprotein Hydrolysate Tablets on Old Patients with Convalescing Cerebral Infarction	LING Xiao-lin(314)
Analysis on Clinical Trials of Chinese Medicinal Injection Used in Stroke Concerning Rational and Safe Medication	NI Xiao-jia(317)
Effect of Aidi Injection on the Cytokine Expression of Radiotherapy for Lung Cancer	ZHAO Ya-juan, LI Qing-shan, LIU Lan-fang, LV Xi-ying, ZHANG Li, DU Xin-sheng(323)
Analysis Flurbiprofen Ester and Sufentanil Joint for Intestinal Tumor Postoperative Metabolic Toning Effect	ZHOU Feng(326)
Clinical Analysis of Integrated Traditional Chinese and Western Medicine in the Treatment of Non-variceal Upper Gastrointestinal Hemorrhage	WANG Hong-yu(329)
Tonifying Kidney Warming Yang Removing Blood Stasis Method of Endometriosis 30 Cases of Clinical Curative Effect Observation	LIU Jing-fang, CHEN Jing-wei, DU Hui-lan, ZHANG Pei-hong(332)
Clinical Observation of Combine Traditional Chinese and Western Medicine Treatment of 61 Patients with Advanced Colon Cancer	ZENG Chen, DENG Xiao-ming, DU Ji-ying, CUI Wei-feng(335)
Combine Traditional Chinese and Western Medicine Treatment for Influence of Coronary Heart Disease Patients Plasma BNP Level of Change	CHEN Hong-yan, PENG Shao-rong(338)
Effect of Compound Danshen Droppills on Vascular Endothelial Function in Early Diabetic Retinopathy Patients	YANG Pi-jian, LI Shu-min, LV Yi-pei, HUANG Zhong-ying, HUANG Hong(340)
Clinical Observation on Formula of Traditional Chinese Medicine and Traction for Elderly Nerve Root Cervical Spondylosis	CHENG Jian, MA Yong, YUAN Tao(344)
Study on Compatibility Law of Chinese Herbs with Neutral-nature Based on the Data Base	DENG Jia-gang, SUN Bing, HAO Er-wei, HAN Hai-rong, ZHANG Li, HU Shen(347)
Prescription Design Research Study on Yuchangning Treatment of Ulcerative Colitis	XIANG Sun-min, WANG Ying, XIE Xing-liang, HAN Li, YANG Ming(350)
Frequency of the Modern Application of Traditional Chinese Medicine in Alzheimer's Disease	SHI Jing-yang, FU Wei-yun, MAO Bing-yu, LI Feng-zhi(355)
Status and Advance in Study on Anti-ulcer of Traditional Chinese Medicine	CHEN Wei-liang, WU Zhen-feng, DENG Zhong-yin, HU Peng-yi, WANG Fang, ZHENG Qin, YANG Ming(362)
Progress of Research and Application in Tumors of <i>Atractylodes Macrocephala</i> Koidz	XIANG Xiao-qing, YE Hong(367)
Kidney Yang-tonifying Drugs with Estrogen-like Affect on Lipid Metabolism	OU Li-na, ZHANG Jian-jun, WANG Lin-yuan, WANG Chun, WANG Jing-xia, GAO Jing, LI Wei, GAO Xue-min(371)

Responsible editor: HE Wei