

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



2013年1月 第19卷 第1期
January Vol.19 No.1

1
2013

万方数据

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1期

2013年1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
网址:www.syfjxzz.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
网址:www.syfjxzz.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 ·

- 快速膜乳化-溶剂萃取/挥发法制备水飞蓟宾 PLGA 微球的工艺
优选 何杨,刘彬丽,李木子,戎堃,蔡程科(1)
- 山茱萸提取、纯化工艺考察
..... 宋春敬,王艳,于顺禄,王慧明(6)
- 正交试验法优选黄连浸膏的喷雾干燥工艺
..... 吕子明,于向红,陈凯,刘晓燕,梁俊清,屠鹏飞(10)
- 加水量与煎煮时间对葛根苓连汤主要成分溶出量的影响
... 张家成,章军,刘峰,穆兰澄,郭允,王跃生,全小林(13)
- 泡沫分离法提取竹节参总皂苷的工艺优选 张海滨,
何毓敏,张长城,关乔中,毛帅,孙志伟,袁丁(18)
- 异亚丙基莽草酸脂质体的包封率测定方法比较 曲昌海,
尹兴斌,张慧,林龙飞,闫磊,杨培,田晶辰,付京,倪健(21)
- 岩白菜素高载药量渗透泵型控释片的制备
..... 吴敏,李德银,谢佳,刘洪,曾建,揭惠(25)
- 膜技术用于川芎茶调颗粒浓缩工艺前后的化学成分动态变化
..... 黄健,谢宇,梅基雄,张丽艳,李孟林(29)
- 指纹图谱技术优选姜制吴茱萸的炮制工艺
..... 陈华国,马青青,周欣,杨世林(32)
- 正交试验法优选云南松塔总黄酮的提取工艺
..... 李冬梅,李莉,吴五谊,刀志琪,刘光明(37)
- 正交试验优选百清凝胶的提取工艺 陈军霞,卞凌(40)
- 追风伞总黄酮提取工艺优选及其体外抗氧化作用考察
..... 叶敏,孔维兵,王小英(44)
- 冠心康胶囊挥发油 β -环糊精包合物的制备工艺优选
..... 施明毅,李建利,谢燕,杨珊,奚建,王利洁(47)

煎膏剂质量控制指标考察	袁加才,高骁君,周琴妹(51)
肠炎颗粒的制备工艺优选	梁海宁,刘效栓,沈涛,毕映燕(53)
正交试验法优选山楂袋泡茶的水提取工艺	殷钢,吴健(56)
艾可胶囊的澄清工艺优选	黄燕,沈小苹,潘旭东(58)
鲜地黄的闪式提取工艺优选	张庆岭(62)

· 化学与分析 ·

流苏金石斛中牡荆素 2"-O-β-D-葡萄糖苷的分离鉴定及含量测定	费娇冬,陈林,丁刚,张宏武,李榕涛,喻长远,邹忠梅(64)
炮制对莱菔子中脂肪油的含量影响及 GC-MS 分析	孙忠迪,王群,李书云,吕文海(67)
山绿茶茎和叶中挥发油成分 GC-MS 比较分析	张龙,郑锡任,陈勇,谢臻,李耀华,卢森华(70)
ICP-AES 法测定蒙古扁桃药材中微量元素	石松利,钮树芳,王登奎,程向晖,白迎春(74)
干姜经不同炮制法对 6-姜酚含量的影响	王航宇,李国玉,张珂,赵文彬,王金辉(77)
HPLC 同时测定裸花紫珠药材中毛蕊花糖苷和木犀草素	蔡金平,董琳,盛琳,刘明生,杨艳,胡波,叶小玲(81)
HPLC-ELSD 同时测定枇杷叶中 6 种三萜酸成分的含量	蔡雪萍,李松林,华俊磊,吕寒,李维林,鞠建明(84)
芪天胶囊中红景天苷和芍药苷的含量测定	王巧梅,薛桂莲,邢建国,陈丹丹(88)
硫熏和烘干金银花中绿原酸、木犀草苷含量对比分析	刘伟,茹凡书,崔永霞,陈宁(91)
小花山小橘叶、茎挥发油 GC-MS 分析	马雯芳,朱意麟,贾智若,赵芯芝,甄汉深(95)
甘菊滴丸的质量控制及稳定性考察	兰燕宇,郑林,黄勇,王爱民,李勇军,王永林(99)
白洋淀芦根药材中阿魏酸 UPLC 含量测定	李洪,张静,王麟,姚东云,高玉梅(102)
HPLC 测定地榆配方颗粒中没食子酸的含量	陈壮,李耀华,梁臣艳,莫满芳,郑锡任(106)
HPLC 测定刺梨中杨梅素和槲皮素的含量	王慧,黄聪,刘思源,杜薇(109)
顽痹清丸质量标准提高	杜天信,罗石任,杜志谦,李洁,张毅,王秀真(112)
辛夷药材(望春花)不同栽培品种质量分析	王红霞,郑岩,陈随清,李腾飞,张飞(115)
HPLC-ELSD 同时测定链荚豆中胡萝卜苷和 β-谷甾醇含量	李慧宁,刘洪蛟,付小帅,姜珍,郭兴杰(119)
HPLC 测定复方西洋参泡腾片中人参皂苷及维生素 C 的含量	王婴,王岩,郭子扬,钟志良,叶国强(122)
津力达颗粒 UPLC 指纹图谱	姜新刚,贾继明,李叶双(126)
火焰原子吸收光谱法测定连翘中微量元素的含量	裴晓丽,张淑蓉,柴艳秋(129)
连钱草中黄酮、有机酸类成分的 HPLC 指纹图谱	黄天赐,聂晶,张立群(132)
多波长反相高效液相色谱法对止痛方中几种有效成分含量测定	施建南,杨奕樱,刘艳洁(136)
野菊花多糖的分离纯化及化学组成	陆颖,任爱农,李厚兵,卢悟广(139)
紫丁香叶的化学成分研究	田雷,李永吉,吕邵娃,张亮,刘婷(144)
SD-HS-SPME-GC-MS 分析华中碎米荠挥发性成分	卢金清,李婷,郭彧,杨珊,唐瑶兴,阮小云,江汉美(148)
干姜中挥发性成分的 GC 指纹图谱研究	刘金环,杨玉琴,秦利芬,丁秦,李明铨(153)

· 药物代谢 ·

金丝桃苷在大鼠体内的药代动力学研究	艾国,黄正明,王德文,刘昌孝(157)
朱砂、朱砂安神丸及氯化汞在小鼠体内吸收、分布对比	付中祥,杨虹,陈秀芬,刘杰,时京珍(162)

延胡索总生物碱大鼠灌胃给药后入血成分的定性研究	苗凤茹,刘光宇,林力(166)
· 药理 ·	
三因素析因设计分析黄芪有效部位的交互关系	李新,范颖(171)
糖络宁对糖尿病大鼠坐骨神经 MnSOD, CuZnSOD, GPx 抗氧化酶基因表达的影响	
..... 邹大威,高彦彬,朱智耀,李敏州,马鸣飞,李步满,李勤,王金羊,赵轩(175)	
血脂灵片对脂肪酸合酶的体外抑制作用	王鹏,高敏艳,高岚,肖学风(180)
小半夏加茯苓汤水提物特征图谱及其止吐药效物质基础的研究	
..... 曾万玲,杜薇,何前松,冯泳,彭小冰,张丽丽(184)	
加味温胆汤对抑郁模型大鼠海马神经细胞内钙离子浓度的影响	
..... 张丽萍,武丽,张曼,吴沛然,汤久慧(188)	
南寒水石炮制工艺及药效学初探	陈朝军,陆景坤,高甜,王芳,张斌,毅和(191)
狼毒提取液对小鼠恶性黑色素瘤 B16 细胞体内转移能力的影响	王园园,王义善,杨桂青,杨柯(195)
虚寒状态大鼠免疫系统功能变化研究	李连珍,张冰,刘小青(199)
天麻乙酸乙酯提取物对大鼠中动脉栓塞模型大鼠神经突触可塑性的影响	
..... 段小花,李国花,吴霜,文金隆,林青(202)	
全蝎-蜈蚣药对哮喘模型大鼠气道炎症及气道重塑的影响	
..... 李海燕,杨佩兰,黄海茵,崔金刚,汤杰,吴银根(206)	
黄芩汤对 TNBS 诱导的结肠炎大鼠 IL-23/IL-17 通路的影响	迟宏罡,邹颖,戴世学,郑学宝(211)
二至丸的保肝活性部位群对四氯化碳致小鼠急性肝损伤的保护作用	
..... 闫冰,李黎,陈星,王银娟,陆峯,王曙东(216)	
玉郎伞多糖对慢性应激抑郁小鼠行为学及海马结构的影响	陆玉丹,黄仁彬,何萍(220)
不同制备工艺葛根苓连汤抗炎抑菌作用比较	杨婧,杨丽珍,王亚贤,赵瑛(224)
肾气丸对 DMN 大鼠肝纤维化干预作用研究	王高强,刘成,罗明(227)
扁担藤不同极性成分抗氧化活性研究	潘乔丹,熊圆圆,陈文东,杜清华,蒙全玉(232)
兰茵凤扬化浊解毒方对溃疡性结肠炎大鼠免疫调控机制的影响	
..... 张纹,王志坤,董林林,李博林,吴云楚,刘启泉(236)	
二苯乙烯苷对 SAMP8 小鼠 APP mRNA 和 PS1 mRNA 表达的影响	
..... 刘玲,朱晓莹,黎昀,赖术,黄忠仕(240)	
绞股蓝多糖对四氯化碳所致大鼠肝损伤的保护作用	张丛梅(244)
附子理中汤对脾阳虚大鼠骨骼肌能荷及 CNTF mRNA 的影响	唐汉庆(248)
注射用三七素对 SD 大鼠神经系统的影响	赵日秋,舒斌,林娜,刘晶,乔红群(252)
心悸宁对大鼠急性心肌缺血损伤的保护作用	谢静,贾庆忠(255)
牛心柿叶多糖对糖尿病小鼠肾脏损伤的保护作用	蔡忠华,钟保恒,宋美桂,赖政宏(261)
甘宝胶囊对小鼠急性肝损伤的保护作用	曹国琼,张永萍,隋艳华,肖承鸿(264)
表没食子儿茶素没食子酸酯对酒精性肝病小鼠肝脏 Tf 和 Tfr1 表达的影响	马明霞,任源(268)
调脂通络胶囊对心肌 IRI 大鼠炎症反应的影响	王永霞,王彩歌,任琳琳,吴先杰,王幼平,朱明军(272)
复荣通脉胶囊对糖尿病大鼠血清 SOD, MDA 水平及坐骨神经 NGF 表达的影响	
..... 贾彩霞,王元松,迟秀娥,田凤胜,张靖宇(276)	

破格救心汤改善心梗后心衰大鼠心功能的作用	李焕彬,陈鏗,陈法桂,陈粉娜(280)
葛根芩连汤抗大鼠心肌缺血再灌注致心律失常作用及其机制研究	杨杰,龙子江,穆磊,陈明,魏成晨,丁伯春(284)
咽舒宁颗粒祛痰镇痛及抑菌作用	罗友华,杨辉,黄亦琦,黄恺飞,曾伟成,许光辉(287)
白藜药效成分没食子酸抑制人肝癌 HepG2 细胞生长及作用机制研究	杭佳,张梦美,叶晓川,陈树和,刘焱文(291)
四逆汤对实验性高脂血症合并动脉粥样硬化兔高、低密度脂蛋白及载脂蛋白 Apo-A, B 含量的影响	石晓理,郝保生,吕瑶,刘娟,郜文辉(295)
· 临床 ·	
心肌康方案治疗急性期病毒性心肌炎	韩丽华,徐惠梅,周端,张会超,莫晓飞,王振涛(300)
稳心颗粒与普罗帕酮治疗早搏的疗效比较	徐红娟,郭燕(304)
黄连解毒汤治疗重症肛周脓肿	季成春,田振国(308)
骨灵膏及拆方制剂治疗骨性关节炎	陈文超,周然,王永辉,关建红,高丽,马艳苗(311)
“动·定序贯八法”治疗早期 2 型糖尿病 30 例	吕丽萍,范冠杰(315)
滋阴涤痰调脂方对原发性高脂血症血脂的影响	王彦(318)
· 数据挖掘 ·	
5-羟色胺与肠易激综合征发病相关性的荟萃分析	赵炜,黄穗平(321)
治疗小儿手足口病遣药组方关联规则探讨	林庆锋,陶红,滕凤兰,魏后超(325)
· 综述 ·	
三七皂苷改善实验性脑异常微环境及机制研究进展	王时云,罗海芸,吴兰鸥(328)
化痰散结法治疗肿瘤的研究进展	王国娟,孙珏,余文燕,季青,张瑞娟,范忠泽(333)
分子配伍理论科学内涵及在现代中药研发中的应用	王淑玲,谢恬,李毓璐,曾昭武,孙云廷,王秋岩,王安明,殷晓浦(338)
· 学术探讨 ·	
天麻饮片等级研究	万军,周霞,李晓倩(342)
· 信息 ·	
欢迎订阅 2013 年度《中国实验方剂学杂志》	(108)
欢迎订阅 2013 年《中国中医药信息杂志》	(125)
《中国中药杂志》2013 年征订启事	(210)
《天津中医药》2013 年征订启事	(251)
稿约	(344)
广告	(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 * 344 * zh * P * ¥35.00 * 5000 * 91 * 2013-01

本期责任编辑:全燕

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly

Established in October, 1995

Vol. 19 No. 1

January 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, Lianhuaachidonglu, 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 Preparation Technology of Silybin PLGA Microspheres by Premix Membrane Emulsification-Solvent Extraction/Evaporation Method**
HIE Yang, LIU Bin-li, LI Mu-zi, RONG Kun, CAI Cheng-ke (1)
- Investigation of Extraction and Purification Technology of *Cornus officinalis***
SONG Chun-jing, WANG Yan, YU Shun-lu, WANG Hui-ming (6)
- Optimization of Spray Drying Process of *Coptidis Rhizoma* Extract by Orthogonal Test** LV Zi-ming, YU Xiang-hong, CHEN Kai,
LIU Xiao-yan, LIANG Jun-qing, TU Peng-fei (10)
- Influence of Decocting Time and Water Amount on Dissolution of Main Ingredients from Gegen Qinlian Decoction**
..... ZHANG Jia-cheng, ZHANG Jun, LIU Feng, MU Lan-cheng,
GUO Yun, WANG Yue-sheng, TONG Xiao-lin (13)
- Optimization of Extraction Technology for Total Saponins from *Panax japonicus* by Foam Separation** ZHANG Hai-bin,
HE Yu-min, ZHANG Chang-cheng, GUAN Qiao-zhong,
MAO Shuai, SUN Zhi-wei, YUAN Ding (18)
- Comparative Study of Entrapment Efficiency Determination for Isopropylidene Shikimic Acid Liposome** QU Chang-hai,
YIN Xing-bin, ZHANG Hui, LIN Long-fei, YAN Lei,
YANG Pei, TIAN Jing-chen, FU Jing, NI Jian (21)
- Preparation of Bergenin Osmotic Pump Tablets with High Drug Loading**
WU Min, LI De-yin, XIE Jia, LIU Hong, ZENG Jian, JIE Hui (25)
- Dynamic Changes of Chemical Constituents Before and after Concentration Process of Chuanxiong Chatiao Granules by Membrane Technique**
HUANG Jian, XIE Yu, MEI Ji-xiong, ZHANG Li-yan, LI Meng-lin (29)
- Optimization of Processing Technology for *Evodia rutaecarpa* with *Zingiber officinale* by HPLC Fingerprint Technique**
CHEN Hua-guo, MA Qing-qing, ZHOU Xin, YANG Shi-lin (32)
- Optimization of Extraction Technology of Total Flavonoids from Pinecone of *Pinus yunnanensis* by Orthogonal Test**
LI Dong-mei, LI Li, WU Wu-yi, DAO Zhi-qi, LIU Guang-ming (37)
- Optimization of Extraction Technology for Baiqing Gel by Orthogonal Test** CHEN Jun-xia, BIAN Ling (40)
- Optimization of Extraction Technology and Investigation of *in vitro* Antioxidation for Total Flavonoids from *Lysimachia paridiformis***
..... YE Min, KONG Wei-bing, WANG Xiao-ying (44)
- Optimization of Preparation Technology of β -Cyclodextrin Inclusion Complexes for Volatile Oil in Guanxinkang Capsule**
..... SHI Ming-yi, LI Jian-li, XIE Yan,
YANG Shan, XI Jian, WANG Li-jie (47)

Investigation of Indexes in Quality Control of Decocted Extract	YUAN Jia-cai, GAO Xiao-jun, ZHOU Qin-mei(51)
Optimization of Preparation Technology of Changyan Granule	LIANG Hai-ning, LIU Xiao-shuan, SHEN Tao, BI Ying-yan(53)
Optimization of Water Extraction Technology for Total Flavonoids from <i>Crataegus pinnatifida</i>	YIN Gang, WU Jian (56)
Optimization of Clarification Process for Aike Capsule	HUANG Yan, SHEN Xiao-ping, PAN Xu-dong(58)
Optimization of Flash Extraction Technology for Fresh <i>Rehmannia glutinosa</i>	ZHANG Qing-ling(62)
Isolation, Identification and Quantitative Analysis of Vitexin 2''-O-β-D-glucopyranoside in the Whole Herb of <i>Flickingeria fimbriata</i>	FEI Jiao-dong, CHEN Lin, DING Gang, ZHANG Hong-wu, LI Rong-tao, YU Chang-yuan, ZOU Zhong-mei (64)
The Effect and Analysis by GC-MS of Fatty Acid Content In Roasted Semen Raphani	SUN Zhong-di, WANG Qun, LI Shu-yun, LV Wen-hai(67)
Study on Chemical Constituents of the Volatile Oil from Different Parts of <i>Ilex hainanensis</i> by GC-MS	ZHANG Long, ZHENG Xi-ren, CHEN Yong, XIE Zhen, LI Yao-hua, LU Sen-hua(70)
Determination of Trace Elements in Medicinal Materials of <i>Prunus mongolica</i> by ICP-AES	SHI Song-li, NIU Shu-fang, WANG Deng-kui, CHENG Xiang-hui, BAI Ying-chun(74)
The Preliminary Study of Different Processing Methods on Ginger	WANG Hang-yu, LI Guo-yu, ZHANG Ke, ZHAO Wen-bin, WANG Jin-hui (77)
Determination of Acteoside and Luteolin in <i>Callicarpa nudiflora</i> by HPLC	CAI Jin-ping, DONG Lin, SHENG Lin, LIU Ming-sheng, YANG Yan, HU Bo, YE Xiao-ling(81)
Simultaneous Determination of Content of Six Triterpene Acids in <i>Eriobotrya japonica</i> by HPLC-ELSD	CAI Xue-ping, LI Song-lin, HUA Jun-lei, LV Han, LI Wei-lin, JU Jian-ming(84)
HPLC Determination of Salidroside and Paeoniflorin in Compound Qitian Capsules	WANG Qiao-mei, XUE Gui-peng, XING Jian-guo, CHEN Dan-dan(88)
Comparison of Content of Chlorogenic Acid and Luteolin in Sulfur Fumigation and Drying <i>Lonicera japonica</i>	LIU Wei, RU Fan-shu, CUI Yong-xia, CHEN Ning(91)
GC-MS Analysis of Chemical Constituents of Volatile Oil from Leaves and Stems of <i>Glycosmis parviflora</i>	MA Wen-fang, ZHU Yi-lin, JIA Zhi-ruo, ZHAO Xin-zhi, ZHEN Han-shen(95)
Quality Control and Stability of Ganju Dropping Pills	LAN Yan-yu, ZHENG Lin, HUANG Yong, WANG Ai-min, LI Yong-jun, WANG Yong-lin(99)
Determination of Ferulic Acid in Phragmites Rhizoma Produced in Baiyangdian by UPLC	LI Hong, ZHANG Jing, WANG Lin, YAO Dong-yun, GAO Yu-mei(102)
Determination of Content of Gallic acid in Sanguisorba Granule by HPLC	CHEN Zhuang, LI Yao-hua, LIANG Chen-yan, MO Mian-fang, ZHEN Xi-ren(106)
Determination of Myricetin and Quercetin in <i>Rose roxburghii</i> by HPLC	WANG Hui, HUANG Cong, LIU Si-yuan, DU Wei(109)
Studies on Improving Control Standard of Wan Bi Qing Pill	DU Tian-xin, LUO Shi-ren, DU Zhi-qian, LI Jie, ZHANG Yi, WANG Xiu-zhen(112)
Research on Quantitative Determination of Volatile Oil in Different Cultivated Species of Magnoliae Flos (<i>Magnolia biondii</i> Pamp.)	WANG Hong-xia, ZHENG Yan, CHEN Sui-qing, LI Teng fei, ZHANG Fei(115)
Simultaneous Determination of Daucosterol and β-sitosterol in <i>Alysicarpus vaginalis</i> by HPLC-ELSD	LI Hui-ning, LIU Hong-jiao, FU Xiao-shuai, JIANG Zhen, GUO Xing-jie(119)
Content Determination of Ginsenosides and Vitamin C in Compound Effervescent Tablets of Radix Panacis Quinquefolii by HPLC	WANG Ying, WANG Yan, GUO Zi-yang, ZHONG Zhi-liang, YE Guo-qiang(122)
UPLC Fingerprints of Jinlida Granule	JIANG Xin-gang, JIA Ji-ming, LI Ye-shuang(126)
Determination of Trace Elements in <i>Fructus Forsythiae</i> by Flame Atomic Absorption Spectrophotometr (FAAS)	PEI Xiao-li, ZHANG Shu-rong, CHAI Yan-qiu(129)
Studies on Fingerprint of <i>Glechoma longituba</i> Flavone and Organic Acid Compounds by HPLC	HUANG Tian-ci, NIE Jing, ZHANG Li-qun(132)
Analysis Several Active Ingredients of Zhitong Prescription One-time by RP-HPLC Determination	SHI Jan-nan, YANG Yi-ying, LIU Yan-jie(136)

Purification and Chemical Composition of Polysaccharides from <i>Chrysanthemum indicum</i>	LU Ying, REN Ai-nong, LI Hou-bing, LU Wu-guang(139)
Chemical Constituents of <i>Syringa oblata</i> Leaves	TIAN Lei, LI Yong-ji, LU Shao-wa, ZHANG Liang, LIU Ting (144)
Analysis of Volatile Constituents in <i>Cardamine urbaniana</i> by SD-HS-SPME-GC-MS	LU Jin-qing, LI Ting, GUO Yu, YANG Shan, TANG Yao-xing, RUAN Xiao-yun, JIANG Han-mei(148)
GC Fingerprint of Volatile Constituents of <i>Rhizoma Zingiberis</i>	LIU Jin-huan, YANG Yu-qin, QING Li-fen, DING Qing, LI Ming-you(153)
Pharmacokinetics Study of Hyperoside in Rats	AI Guo, HUANG Zheng-ming, WANG De-wen, LIU Chang-xiao(157)
Comparison and Research of Cinnabar, Zhusha Anshen Wan and HgS on Rat Absorption and Distribution ...	FU Zhong-xiang, YANG Hong, CHEN Xiu-fen, LIU Jie, SHI Jing-zhen(162)
Constituents Absorbed in Rat Serum after Oral Administration of <i>Rhizoma Corydalis</i> Extraction with HPLC-MS-MS	MIAO Feng-ru, LIU Guang-ru, LIN Li(166)
Analysis of Interaction of the Effective Fraction of <i>Astragalus membranaceus</i> Based on Three Factor Factorial Design	LI Xin, FAN Ying(171)
Effects of Tangluoning Formula on Gene Expression of MnSOD, CuZnSOD and GPx in Sciatic Nerve of Diabetic Rats	ZOU Da-wei, GAO Yan-bin, ZHU Zhi-yao, LI Min-zhou, MA Ming-fei, LI Bu-man, LI Qin, WANG Jin-yang, ZHAO Xuan(175)
Inhibition of Fatty Acid Synthase <i>in vitro</i> by Xuezhiling Tablets	WANG Peng, GAO Min-yan, GAO Lan, XIAO Xue-feng(180)
Study on Characteristic Chart of Xiaobanxia Plus Fuling Decoction Extract and Basic Substances of its Antiemetic Function	ZENG Wan-ling, DU Wei, HE Qian-song, FENG Yong, PENG Xiao-bing, ZHANG Li-li (184)
Effect of Jiawei Wendan Decoction on Intracellular Calciumion Concentration in Rat Depression Model	ZHANG Li-ping, WU Li, ZHANG Man, WU Pei-ran, TANG Jiu-hui(188)
Processing Technology and Pharmacodynamics of Hanshuishi	CHEN Zhao-jun, LU Jing-kun, GAO Tian, WANG Fang, ZHANG Bin, YI He(191)
Effect of <i>Euphorbia fischeriana</i> Extract on Metastatic Ability of Melanoma B16 Cells <i>in vivo</i>	WANG Yuan-yuan, WANG Yi-shan, YANG Gui-qing, YANG Ke (195)
Change of Immunologic Function in Deficiency Cold Status	LI Lian-zhen, ZHANG Bing, LIU Xiao-qing (199)
Effects of Ethyl Acetate Extraction from <i>Gastrodia elata</i> on Neuroplasticity of Rat Cerebral Ischemia Injury Model	DUAN Xiao-hua, LI Guo-hua, WU Shuang, WEN Jin-long, LIN Qing(202)
Effects of Scorpio-Scolopendra on Expressions of Airway Inflammation and Airway Remodeling in Asthmatic Rats	LI Hai-yan, YANG Pei-lan, HUANG Hai-yin, CUI Jin-gang, TANG Jie, WU Yin-gen(206)
Effect of Huangqin Tang on IL-23/IL-17 Pathway in TNBS-induced Colitis	CHI Hong-gang, ZOU Ying, DAI Shi-xue, ZHENG Xue-bao(211)
Experimental Study of Active Fractions in Liver Protection From Erzhi Pill on Acute Hepatic Injury Induced by CCl₄ in Mice	YAN Bing, LI Li, CHEN Xing, WANG Yin-juan, LU Yin, WANG Shu-dong(216)
Effects of Yulangsan Polysaccharides on Behavior, Structure of Hippocampus in Mice with Chronic Stress-induced Depression	LU Yu-dan, HUANG Ren-bin, HE Ping(220)
Comparative Study on Anti-inflammatory and Antibacterial Effects of Different Preparation Technology of Gegen Qinlian Decoction	YANG Jing, YANG Li-zhen, WANG Ya-xian, ZHAO Ying(224)
Intervention Effect of Shenqi Wan on Dimethylnitrosamine-induced Liver Fibrosis in Rats	WANG Gao-qiang, LIU Cheng, LUO Ming(227)
Antioxidant Activity of Different Polarity Chemical Constituents from <i>Tetragium planicaule</i>	PAN Qiao-dan, XIONG Yuan-yuan, CHEN Wen-dong, DU Qing-hua, MENG Quan-yu(232)
Effect of Lanyin Fengyang Huazhuo Jiedu Prescription on Immune Regulation Mechanism in Rats with Ulcerative Colitis	ZHANG Wan, WANG Zhi-kun, DONG Lin-lin, LI Bo-lin, WU Yun-chu, LIU Qi-quan(236)
Effects of TSG on Expression of APP mRNA and PS1 mRNA in SAMP8 Mice	LIU Ling, ZHU Xiao-ying, LI Yun, LAI Shu, HUANG Zhong-shi(240)

Protective Effect of <i>Gynostemma pentaphyllum</i> Polysaccharide on Liver Injure Induced by Carbon Tetrachloride in Rats	ZHANG Cong-mei(244)
Influence of Energy Charge and Expression of CNTF mRNA in Rats with Spleen Yang Deficiency Syndrome after Administrated Fuzi Lizhong Decoction	TANG Han-qing(248)
Effect of Dencichine Injection on Nervous System of SD Rats	ZHAO Ri-qiu, SHU Bin, LIN Na, LIU Jing, QIAO Hong-qun(252)
Protective Effects of Xinjining on Acute Myocardial Ischemia in Rats	XIE Jing, JIA Qing-zhong(255)
Protective Effect of the Niuxin Persimmon Leaf Polysaccharide on Kidney Injure in Diabetic Mice	CAI Zhong-hua, ZHONG Bao-heng, SONG Mei-gui, LAI Zheng-hong(261)
Protective Effects of Ganbao Capsule on Liver Injury in Mice	CAO Guo-qiong, ZHANG Yong-ping, SUI Yan-hua, XIAO Cheng-hong(264)
Effects of Epigallocatechin-3-gallate on Expression of Tf and TFR1 in Liver of Mice with Alcoholic Liver Disease	MA Ming-xia, REN Yuan (268)
Influence of Tiaozhi Tongluo Capsules on Inflammatory Response after Myocardial Ischemia Reperfusion Injury	WANG Yong-xia, WANG Cai-ge, REN Lin-lin, WU Xian-jie, WANG You-ping, ZHU Ming-jun(272)
Effects of Furong Tongmai Capsule on the Plasma SOD, MDA and Expression of NGF in Sciatic Nerve in Diabetic Rats	JIA Cai-xia, WANG Yuan-song, CHI Xiu-e, TIAN Feng-sheng, ZHANG Jing-yu(276)
Study on Effect of Poge Jiuxin Decoction on Heart Failure after Myocardial Infarction in Rats	LI Huan-bin, CHEN Keng, CHEN Fa-gui, CHEN Fen-na (280)
Effect and Mechanism of Gegen Qinlian Decoction on Anti-arrhythmia Induced by Myocardial Ischemia Reperfusion in Rats	YANG Jie, LONG Zi-jiang, MU Lei, CHEN Ming, WEI Cheng-chen, DING Bo-chun(284)
Expectorant, Analgesic and Antibacterial Effects of Yanshuning Granules	LUO You-hua, YANG Hui, HUANG Yi-qi, HUANG Kai-fei, ZENG Wei-cheng, XU Guang-hui(287)
HepG2 Proliferation Restriction and Active Mechanis of Gallic Acid as Active Compound in <i>Ampelopsis japonica</i>	HANG Jia, ZHANG Meng-mei, YE Xiao-chuan, CHEN Shu-he, LIU Yan-wen(291)
Effect of Sini Decoction on HDL-CH, LDL-CH and Apo-A, B on Hyperlipidemia Combined with Atherosclerosis in Rabbits	SHI Xiao-li, YU Bao-sheng, LV Yao, LIU Juan, GAO Wen-hui(295)
Xinjikang Program in Ntreatment of Syndrome of Acute Phase of Viral Yyocarditis	HAN Li-hua, XU Hui-mei, ZHOU Duan, ZHANG Hui-chao, MO Xiao-fei, WANG Zhen-tao(300)
Comparison of Efficacy in Treatment of Premature Beat between Buchang Wenxin Granule and Propafenone	XU Hong-juan, GUO Yan(304)
Huanglian Jiedu Decoction in Treatment of Perianal Abscess of Severe Type	JI Cheng-chun, TIAN Zhen-guo(308)
Guling Gao and its Components in Treatment of Osteo-arthritis	CHEN Wen-chao, ZHOU ran, WANG Yong-hui, GUAN Jian-hong, GAO Li, MA Yan-miao(311)
Meta-analysis: Association of 5-hydroxytryptamine and Irritable Bowel Syndrome	ZHAO Wei, HUANG Sui-ping(321)
Study on Formula Rules of Chinese Herbal Compound in Treatment of Hand Foot and Mouth Disease in Children	LIN Qing-feng, TAO Hong, TENG Feng-lan, WEI Hou-chao(325)
Possible Mechanism of Panax Notoginseng Improve Abnormalities Microenvironment of Experiment Brain	WANG Shi-yun, LUO Hai-yun, WU Lan-ou(328)
Progression in Tumor Treatment with Resolving Phlegm and Dissipating a Mass	WANG Guo-juan, SUN Jue, YU Wen-yan, LI Qi, ZHANG Rui-juan, FAN Zhong-ze(333)
Scientific Connotation of Molecule Compatibility and Role in Research and Development of Modern Chinese Medicine	WANG Shu-ling, XIE Tian, LI Cheng-lu, ZENG Zhao-wu, SUN Yun-ting, WANG Qiu-yan, WANG An-ming, YIN Xiao-pu (338)
Study on Grades of <i>Gastrodia elata</i> Pieces	WAN Jun, ZHOU Xia, LI Xiao-qian(342)

Responsible editor: TONG Yan