



中华中医药学会系列期刊



CSCD来源期刊
北大中文核心期刊
中国科技核心期刊
RCCSE核心期刊
美国《化学文摘》统计源期刊

ISSN 1005-9903
CN 11-3495/R

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

中国实验方剂学杂志

ZHONGGUO

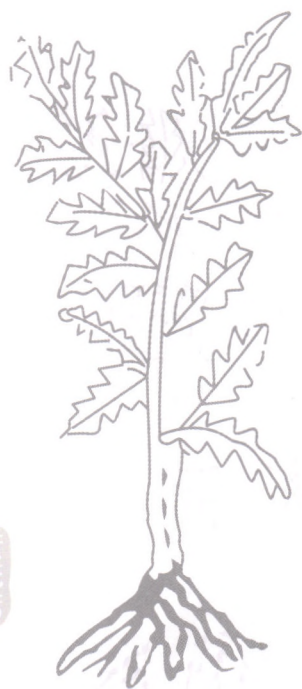
SHIYAN

FANGJIXUE

ZAZHI

本期推荐

- 硝酸通结方对功能性便秘大鼠结肠组织中VIP-cAMP-PKA-AQP3信号通路的影响
- UPLC-Q-TOF-MS^E 结合相对保留时间在线快速鉴定麦冬中甾体皂苷类成分
- 清燥救肺汤对Lewis肺癌小鼠EGFR, NF-κB, ICAM-1表达及JAK1, STAT1蛋白磷酸化的影响
- 湖北省淫羊藿属植物种质分布及质量评价



24 2016

2016年12月 第22卷 第24期
December Vol.22 No.24
本卷卷终

主管：国家中医药管理局
主办：中国中医科学院中药研究所
中华中医药学会



杂志官方微信

中国实验方剂学杂志

Zhongguo Shiyang Fangjixue Zazhi

半月刊 1995 年 10 月创刊 第 22 卷 第 24 期 2016 年 12 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
(100700 北京市东直门内南小街 16 号)
中华中医药学会
(100029 北京市朝阳区樱花园东街甲 4 号)

主 编 吴以岭

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
传真:(010)84076882
E-mail:syfx_2010@188.com
网址:www.zgsyfxzz.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
邮发代号 2-417

国外发行 中国国际图书贸易集团有限公司
订阅代号 SM4655

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

ISSN 1005-9903
中国标准连续出版物号 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

· 药剂与炮制 ·

- 炮制对决明子主要成分煎出率的影响
寇真真,唐力英,周国洪,王婷,郭日新,王祝举…… (1)
- 斑蝥素载药胶束的制备及其体外释药性能考察
李真真,岳巧欣,王杰,臧琛,易红,李鹏岳,赵庆贺,
陈燕军 …………… (5)
- 黄芩炒炭前后挥发性成分的 GC-MS 分析
黄琪,吴德玲,王云,麻印莲,于定荣,张村………… (9)
- 单纯形网格法优选柿叶总黄酮自微乳处方
杨露,李小芳,罗佳,刘海霞,罗开沛,林浩,
牟倩倩 …………… (13)
- 大孔吸附树脂富集金银花中环烯醚萜苷类成分的工艺优选
张瑜,杨健,秦振娴,齐梦蝶,张权,刘爽,刘勇,
袁媛 …………… (18)
- 栀子柏皮汤半仿生提取药材组合方式的优选
于定荣,荆汉卫 …………… (22)

· 资源与鉴定 ·

- 湖北省淫羊藿属植物种质分布及质量评价
石慧君,刘少雄,徐艳琴 …………… (26)
- 飞龙掌血根皮的生药学鉴别与止血活性考察
赵美雪,张晓燕,刘绍欢,何茂秋,梁妍,郝小燕,
周威 …………… (32)
- 桂郁金 EST 资源的 SSR 信息分析及 EST-SSR 标记开发
靳雅惠,苏伟敏,杨妮,王建 …………… (37)

· 化学与分析 ·

- UPLC-Q-TOF-MS^E 结合相对保留时间在线快速鉴定
麦冬中甾体皂苷类成分
晏仁义,马凤霞,余河水,康利平,张洁,赵阳,
孙欣光,贾德贤,马百平 …………… (43)

一株黄芪内生真菌 AR08 中 fumiquinazoline 类生物碱	
安志鹏, 张弘弛, 王润梅, 周凤	(51)
忍冬木层孔菌子实体的化学成分	
金镭, 张晨晨, 黄泽豪	(55)
囊荷提取物抗氧化能力及抑菌作用	
王玉荣, 邢韶芳, 李钟洙, 朴美子, 朴香兰	(59)
鸡冠花有效成分与药材粉末颜色的相关性	
郭爽, 李庆, 何婉婉, 康廷国	(64)
UHPLC-ESI-Q-TOF-MS/MS 对紫花地丁中化学成分的快速表征	
吴欢, 占远, 陈海芳, 李俊, 简晖, 张武岗, 冯育林, 杨世林	(70)
正天丸挥发性成分的气相特征图谱分析	
朱琮, 耿璐璐, 李琮娅, 聂其霞, 王国华, 王勇, 臧琛, 张保献	(76)
近红外漫反射法测定茯苓中水溶性多糖及碱溶性多糖	
康玉姿, 王维皓	(80)
通脉颗粒质量标准研究	
陈雪梅, 苏娟娟, 尤文质, 彭连共, 管昌益	(84)
· 药物代谢 ·	
雷公藤致大鼠肾毒性血清代谢组学分析	
常立娟, 李佐静, 李清, 隋振宇, 李晓, 毕开顺	(89)
UPLC-MS/MS 测定十五味乳鹏丸中 3 种生物碱在大鼠体内的药代动力学	
张武岗, 占远, 冯育林, 杨婕, 陈海芳, 杨世林	(95)
· 药理 ·	
硝酸通结方对功能性便秘大鼠结肠组织中 VIP-cAMP-PKA-AQP3 信号通路的影响	
周永学, 王郁金, 闫曙光, 谢培, 李莎, 王丹东	(99)
含红芪、黄芪的益气养血汤对 SAMP8 小鼠免疫衰老及 p38MAPK 表达的影响	
李纬, 程卫东, 张文君, 徐静汶, 张高林	(105)
定心方上调 ApoE ^{-/-} 小鼠 PTEN 表达抑制动脉粥样硬化形成的分析	
张宇, 程赛博, 赵丹丹, 苏志杰, 张蕾, 徐煜凌, 周风华, 贾钰华	(111)
小檗皮水浸膏对 db/db 糖尿病小鼠视网膜病变的影响(II)	
周邦华, 叶凡, 岳丽璐, 孟宪丽, 范刚, 赖先荣	(116)
通络糖泰方对糖尿病周围神经病变大鼠 JNK 信号转导通路的影响	
张翕宇, 胡芸, 谢春光, 杜联	(122)
肝豆汤对 Wilson 病模型 TX 小鼠肝细胞内铜代谢通路的分子调控机制	
董健健, 韩咏竹, 程楠	(128)
柴胡总皂苷对小鼠抑郁样行为及学习记忆障碍的改善作用	
杨久山, 张楠, 宋铭晶, 王琼, 孙秀萍	(134)

清燥救肺汤对 Lewis 肺癌小鼠 EGFR, NF-κB, ICAM-1 表达及 JAK1, STAT1 蛋白磷酸化的影响
谢雄, 谢斌, 饶斌, 刘红宁 (140)

黄芪提取物对结肠腺癌 Caco-2 细胞葡萄糖吸收的影响
张磊, 曾丹, 郑媛嘉, 许燕玲, 郭文峰 (145)

枳术颗粒对慢性萎缩性胃炎大鼠胃组织 COX-2 和 VEGF 表达的影响
赵凡, 唐德才, 张硕, 郭秀霞, 尹刚, 戴建国 (150)

痰脂消汤调控 PCOS-IR 模型大鼠卵巢 PI3K/Akt 途径探讨
许金榜, 王小云, 纪峰, 黄黎珊, 郑良朴, 杨娟, 林莺 (156)

健脾益气方含药血清通过 Caspase-3/Vimentin 促进人肝癌 MHCC-97H 细胞凋亡
卓少元, 谢金玲 (161)

· 临床 ·

复方黄柏液促进糖尿病足溃疡愈合及其中 AGEs 与炎性因子的相关性
郑琪, 李友山, 冀凌云 (167)

助胃膏结合推拿治疗脾胃虚弱型小儿厌食症的临床观察
金小千, 袁学雅, 柴铁劬 (172)

宫瘤宁胶囊对气滞血瘀证子宫肌瘤瘤体的抑制作用
杜亚青, 贾林焱, 赵爱民, 董润之 (177)

百令胶囊联合补肺活血胶囊对肺肾气虚证慢性阻塞性肺疾病稳定期患者肺康复的影响
白淑荣, 吴源, 王艳, 刘军, 李萍, 沈乐, 杨静 (182)

· 数据挖掘 ·

58 种活血化瘀类复方中成药抗血小板聚集活性评价揭示的方剂配伍规律
孟燕芝, 王志龙, 苏骏成, 常连赢, 吕明, 朱彦 (187)

基于中医传承辅助系统分析钟孟良教授治疗痹证的用药经验
高荣荣, 钟孟良, 边宝林, 李焱涵, 蔡月起, 刘金花 (194)

基于中医传承辅助平台对岭南湿病组方规律的分析
刘迪, 唐仕欢, 王峥峥, 刘旭, 耿楠, 沈潜 (199)

· 信息 ·

《中国实验方剂学杂志》编委会年会
——暨心脑血管病临床诊疗及合理用药新进展学术会 (封二, 封三)

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly Established in October, 1995 Vol. 22 No. 24 December 2016

Responsible Institution
State Administration of Traditional Chinese Medicine
(No.1, Gongtixilu, Dongcheng District, Beijing, 100027)

Sponsor
Institute of Chinese Materia Medica, China Academy of Chinese Medical Sciences
(No.16, Nanxiaojie, Dongzhimennei, Beijing, 100700)
China Association of Chinese Medicine
(No.4, Yinghuayuangongjie, Chaoyang District, Beijing, 100029)

Editor-in-Chief
WU Yi-ling

Edited and Published by
Editorial Office of China Journal of Experimental Traditional Medical Formulae
(16, Nanxiaojie, Dongzhimennei, Beijing, 100700)
Tel: (010)84076882
Fax: (010)84076882
E-mail: syfjx_2010@188.com
Website: http://www.zgsyfjxxx.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)
Subscription Code 2-417

Overseas Subscription
China International Book Trading Corporation
(P. O. Box 399, Beijing, 100044)
Code SM4655

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

ISSN 1005-9903
CN 11-3495/R

CONTENTS IN BRIEF

Influence of Processing on Decocting Rates of Active Components in Cassiae Semen
KOU Zhen-zhen, TANG Li-ying, ZHOU Guo-hong, WANG Ting, GUO Ri-xin, WANG Zhu-ju (1)

Preparation of Cantharidin Loaded Polymer Micelles and Investigation of Its *in Vitro* Release Properties
LI Zhen-zhen, YUE Qiao-xin, WANG Jie, ZANG Chen, YI Hong, LI Peng-yue, ZHAO Qing-he, CHEN Yan-jun (5)

GC-MS Analysis of Volatile Components in Scutellariae Radix Before and After Being Charred
HUANG Qi, WU De-ling, WANG Yun, MA Yin-lian, YU Ding-rong, ZHANG Cun (9)

Optimization of Formulation of Self-microemulsion Containing Total Flavonoids from Folium Kaki by Simplex Lattice Method
YANG Lu, LI Xiao-fang, LUO Jia, LIU Hai-xia, LUO Kai-pei, LIN Hao, MOU Qian-qian (13)

Optimization of Separation and Enrichment Process of Iridoid Glycosides from Lonicerae Japonicae Flos by Macroporous Resin
ZHANG Yu, YANG Jian, QIN Zhen-xian, QI Meng-die, ZHANG Quan, LIU Shuang, LIU Yong, YUAN Yuan (18)

Selection of Best Semi-bionic Extracting Mode of Zhizi Bopi Tang
YU Ding-rong, JING Han-wei (22)

Germplasm Distribution and Quality Evaluation of Genus *Epimedium* in Hubei Province
SHI Hui-jun, LIU Shao-xiong, XU Yan-qin (26)

Pharmacognostic Identification and Hemostatic Activity of *Toddalia asiatica* Root Bark
ZHAO Mei-xue, ZHANG Xiao-yan, LIU Shao-huan, HE Mao-qiu, LIANG Yan, HAO Xiao-yan, ZHOU Wei (32)

SSR Information Analysis of <i>Curcuma kwangsiensis</i> EST Resources and EST-Development of SSR Markers	
JIN Ya-hui, SU Wei-min, YANG Ni, WANG Jian	(37)
Identification of Steroidal Saponins in <i>Ophiopogonis Radix</i> by UPLC-Q-TOF-MS^E Combined with Relative Retention Time	
YAN Ren-yi, MA Feng-xia, YU He-shui, KANG Li-ping, ZHANG Jie, ZHAO Yang, SUN Xin-guang, JIA De-xian, MA Bai-ping	(43)
Fumiquinazoline Alkaloids Isolated from Endophytic Fungus AR08 of <i>Astragalus membranaceus</i>	
AN Zhi-peng, ZHANG Hong-chi, WANG Run-mei, ZHOU Feng	(51)
Chemical Constituents from Sporophore of <i>Phellinus lonicerinus</i>	
JIN Lei, ZHANG Chen-chen, HUANG Ze-hao	(55)
Antioxidant and Antimicrobial Activities of Components from <i>Zingiber mioga</i>	
WANG Yu-rong, XING Shao-fang, LI Zhong-zhu, PIAO Mei-zi, PIAO Xiang-lan	(59)
Correlation Between Effective Components and Powder Color of <i>Celosiae Cristatae Flos</i>	
GUO Shuang, LI Qing, HE Wan-wan, KANG Ting-guo	(64)
Rapid Identification of Chemical Constituents in <i>Viola</i> Herba by UHPLC-ESI-Q-TOF-MS/MS	
WU Huan, ZHAN Yuan, CHEN Hai-fang, LI Jun, JIAN Hui, ZHANG Wu-gang, FENG Yu-lin, YANG Shi-lin	(70)
GC Characteristic Chromatogram Analysis of Volatile Components in Zhengtian Pills	
ZHU Qiong, GENG Lu-lu, LI Qiong-ya, NIE Qi-xia, WANG Guo-hua, WANG Yong, ZANG Chen, ZHANG Bao-xian	(76)
Determination of Water-soluble Polysaccharide and Alkali-Soluble Polysaccharide in <i>Poria</i> by Near Infrared Spectroscopy	
KANG Yu-zi, WANG Wei-hao	(80)
Quality Standard of Tongmai Granules	
CHEN Xue-mei, SU Juan-juan, YOU Wen-zhi, PENG Lian-gong, GUAN Chang-yi	(84)
Metabonomic Analysis on Serum in Nephrotoxic Rats Induced by <i>Radix et Rhizoma Tripterygii</i>	
CHANG Li-juan, LI Zuo-jing, LI Qing, SUI Zhen-yu, LI Xiao, BI Kai-shun	(89)
Pharmacokinetics of Three Alkaloids from <i>Shiwuwei Rupeng Pills</i> in Rats by UPLC-MS/MS	
ZHANG Wu-gang, ZHAN Yuan, FENG Yu-lin, YANG Jie, CHEN Hai-fang, YANG Shi-lin	(95)
Effect of Xiaofu Tongjie Recipe on VIP-cAMP-PKA-AQP3 Signaling Pathway in Colon Tissues of Rats with Functional Constipation	
ZHOU Yong-xue, WANG Yu-jin, YAN Shu-guang, XIE Pei, LI Sha, WANG Dan-dong	(99)
Effects of Yiqi Yangxue Tang Containing <i>Radix Astragali</i> or <i>Radix Hedyseri</i> on Immunosenescence and p38MAPK Expression of SAMP8 Mice	
LI Wei, CHENG Wei-dong, ZHANG Wen-jun, XU Jing-wen, ZHANG Gao-lin	(105)
Dingxin Recipe Attenuates Atherosclerosis by Up-regulating PTEN Expression in ApoE Knockout Mice	
ZHANG Yu, CHENG Sai-bo, ZHAO Dan-dan, SU Zhi-jie, ZHANG Lei, XU Yu-ling, ZHOU Feng-hua, JIA Yu-hua	(111)
Effect of Water Extract from Cortex of <i>Berberis dictyophylla</i> on Retinopathy in Spontaneous Type 2 Diabetic db/db Mice (II)	
ZHOU Bang-hua, YE Fan, YUE Li-jun, MENG Xian-li, FAN Gang, LAI Xian-rong	(116)

Effect of Tongluo Tangtai Power on JNK Signaling Pathway in Rats of Diabetic Peripheral Neuropathy	
ZHANG Xi-yu, HU Yun, XIE Chun-guang, DU Lian	(122)
Molecular Regulatory Mechanism of Gandou Decoction on Copper Metabolism Pathway in Hepatocytes of Wilson’s Disease Model-TX Mice	
DONG Jian-jian, HAN Yong-zhu, CHENG Nan	(128)
Effect of Total Saponins from Bupleuri Radix on Improvement in Depression-Like Behavior and Learning and Memory Ability in Mice	
YANG Jiu-shan, ZHANG Nan, SONG Ming-jing, WANG Qiong, SUN Xiu-ping	(134)
Effect of Qingzao Jiufei Tang Expression on EGFR, NF-κB, ICAM-1 and Protein Phosphorylation of JAK1 and STAT1 of Lewis Lung Cancer in Rats	
XIE Xiong, XIE Bin, RAO Bin, LIU Hong-ning	(140)
Effect of Astragali Radix Extracts on Glucose Absorption in Colon Adenocarcinoma Caco-2 Cell	
ZHANG Lei, ZENG Dan, ZHENG Yuan-jia, XU Yan-ling, GUO Wen-feng	(145)
Effect of Zhizhu Granules on Expressions of VEGF and COX-2 in Rat Model with Chronic Atrophic Gastritis	
ZHAO Fan, TANG De-cai, ZHANG Shuo, GUO Xiu-xia, YIN Gang, DAI Jian-guo	(150)
Effect of Tanzhixiao Recipe on PI3K/Akt Pathway in PCOS-IR Model Rats	
XU Jin-bang, WANG Xiao-yun, JI Feng, HUANG Li-shan, ZHENG Liang-pu, YANG Juan, LIN Ying	(156)
Effect of Serum Containing Jianpi Yiqi Decoction on MHCC-97H Cell Apoptosis Via Caspase-3/Vimentin	
ZHUO Shao-yuan, XIE Jin-ling	(161)
Effect of Compound Cortex Phellodendri Fluid on AGEs and Inflammatory Factors in Promoting Healing Process of Diabetic Foot Ulcer	
ZHENG Qi, LI You-shan, JI Ling-yun	(167)
Zhuweigao Combined with Massage for Treatment of Anorexia with Stomach-Spleen Deficiency in Children	
JIN Xiao-qian, YUAN Xue-ya, CHAI Tie-qu	(172)
Inhibitory Effect of Gongliuning Capsules Combined with Mifepristone on Hysteromyoma with Stagnation of Qi and Blood	
DU Ya-qing, JIA Lin-yi, ZHAO Ai-min, DONG Run-zhi	(177)
Effect of Bailing Capsules Combined with Bufei Huoxue Capsules on Pulmonary Rehabilitation in Patients with Chronic Obstructive Pulmonary Disease at Stable Stage of Lung-kidney-Qi Deficiency Syndrome	
BAI Shu-rong, WU Yuan, WANG Yan, LIU Jun, LI Ping, SHEN Le, YANG Jing	(182)
Evaluation of Anti-platelet Aggregation Activity and Compatibility Patterns of 58 Kinds of Compound Traditional Chinese Medicines for Promoting Blood Circulation and Removing Blood Stasis	
MENG Yan-zhi, WANG Zhi-long, SU Jun-cheng, CHANG Lian-ying, LYU Ming, ZHU Yan	(187)
Analysis on Professor ZHONG Meng-liang’s Medication Experience for Arthromyodynia by Using Traditional Chinese Medicine Inheritance Support System	
GAO Rong-rong, ZHONG Meng-liang, BIAN Bao-lin, LI Ye-han, CAI Yue-chao, LIU Jin-hua	(194)
Research on Composition Principles of Prescriptions for Diseases Caused by Dampness in Lingnan Medicine by Traditional Chinese Medicine Inheritance System	
LIU Di, TANG Shi-huan, WANG Zheng-zheng, LIU Xu, GENG Nan, SHEN Qian	(199)

Responsible editor : LIU De-wen

国内发行：邮发代号 2-417
国外发行：订阅代号 SM4655

ISSN 1005-9903
CN 11-3495/R

ISSN 1005-9903



定价：35.00元