



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

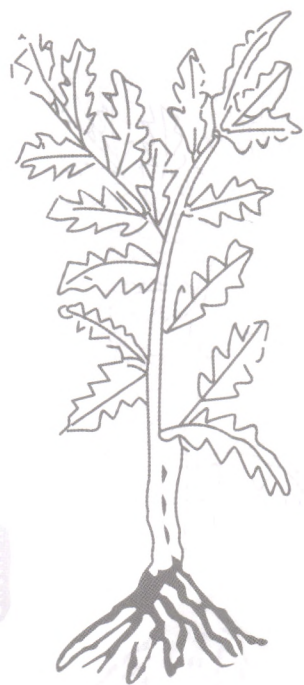
SHIYAN

FANGJIXUE

ZAZHI

本期推荐

- 华蟾素蟾毒配基类有效组分体内免疫效果分析
- 清热利湿逐瘀方治疗痛风性关节炎临床观察
- 真空柱色谱在中药有效成分富集和制备中的应用
- 辽宁省凤城市第四次中药资源普查（试点）研究初报



黄花蒿

21 2016

2016年11月 第22卷 第21期
November Vol.22 No.21

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21期 2016年11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
(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

中国标准连续出版物号 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

· 药剂与炮制 ·

- 斑蝥素胃黏附缓释片的制备与体内外评价
党云洁, 王国杰, 杜宇坤, 何晓明, 杜青 (1)
- 炮制对补骨脂中12种化学成分含量的影响
陶益, 蒋妍慧, 李伟东, 蔡宝昌 (6)
- 星点设计-效应面法优化炒茺蔚子炮制工艺
严冬慧, 邓仙梅, 孟江, 王淑美 (10)
- 不同炮制方法对白术中白术内酯I, II, III含量的影响
张金莲, 谢日健, 刘明贵, 罗文华, 范晖 (15)
- 木贼配方颗粒喷雾干燥工艺优化
邵杰, 张爱丽, 施静, 王振中, 萧伟 (19)
- 百部生品、蜜炙品入药对小儿百部止咳糖浆功效的影响
陈晓霞, 张旭, 贾天柱 (23)
- 基于主成分分析、聚类分析和典型相关分析的漏芦抗胃
癌谱效关系探索
于海帅 (27)

· 资源与鉴定 ·

- 辽宁省凤城市第四次中药资源普查(试点)研究初报
蔡振娇, 关兴东, 李忠宇, 许亮, 刘刚, 牟家志, 邢艳萍,
王冰, 康廷国 (32)
- 壮族药旱田草质量标准
黎理, 唐玉荣, 颜萍花, 蔡毅 (36)

· 化学与分析 ·

- 硫磺熏蒸当归二氧化硫残留与内在质量变化相关性
段素敏, 孔铭, 张艳波, 李秀杨, 刘丽芳, 李松林 (41)
- 平贝母水煎液化学成分的LC-MSⁿ分析
佟晓琳, 聂颖兰, 马琰岩, 彭娟, 张海鸣, 闫寒, 范斌,
孙健 (45)
- 三七叶多糖的提取分离及结构信息
钟思恩, 黄光球, 陈金仙, 薄胜涛, 张华林 (50)
- 淮阳金花菜脂溶性成分分析
彭娟, 马伯艳, 范斌, 闫寒, 李杨, 聂颖兰, 孙健,
刘长喜 (55)

猴腿蹄盖蕨根茎化学成分及其还原能力	
刘冬梅, 盛继文, 王思宏, 张维芬, 张晓红, 王得运	(59)
白芍储藏一年芍药苷及二氧化硫残留变化	
于定荣, 肖永庆, 麻印莲, 李丽, 刘颖, 张村, 顾雪竹, 杜茂波, 陈畅	(63)
HILIC-HPLC-MS/MS 测定酸枣仁内氨基酸类成分的含量	
毛叶勤, 姚鑫, 陈琳	(67)
裸花水竹草化学成分	
黄周锋, 黄建猷, 卢文杰, 谭晓, 陆国寿	(73)
基于 BP-ANN 算法建立紫石英中 CaF_2 拉曼光谱定量模型	
陈龙, 明晶, 袁明洋, 黄必胜, 陈科力	(77)
UPLC/Q-TOF-MS 快速分析桂枝茯苓胶囊的人血成分	
尹权微, 李家春, 秦建平, 黄文哲, 王振中	(83)
· 药理 ·	
华蟾素蟾毒配基类有效组分体内免疫效果分析	
魏晓露, 杨健, 司南, 韩玲玉, 边宝林	(87)
疏肝健脾法肠激安方对 IBS-D 大鼠免疫功能的影响	
柴玉娜, 黄育生, 唐洪梅, 王婷, 刘媛, 钟如帆	(93)
左归丸、右归丸及其拆方对去卵巢大鼠骨髓间充质干细胞成脂诱导的影响	
葛心慈, 徐岩, 任艳玲	(99)
三七总皂苷对顺铂肾损害大鼠的保护作用	
丘岳, 杨玉芳, 黄振光, 周金玲, 梁雪艳, 黄莉, 蔡正文	(104)
甘草酸铵联合苦参素抗大鼠肝纤维化作用及初步机制探讨	
孟雅坤, 柴焯, 赵宏伟, 张振芳, 章从恩, 崔鹤蓉, 王亚, 李光全, 柏兆方, 肖小河	(110)
当归对阴虚哮喘小鼠模型的影响	
王志旺, 李荣科, 刘雪枫, 妥海燕, 程小丽, 任远	(116)
基于 Toll-MyD88 信号通路研究桂枝芍药知母汤治疗痛风性关节炎的作用机制	
王永辉, 房树标, 李艳彦, 周然	(121)
黄芩素对绒毛滋养细胞侵袭的影响	
吕珊珊, 候莉莉	(127)
芪蟾口服结肠靶向片中有效组分联合 5-FU 对结肠癌移植瘤小鼠的干预治疗	
贾燕丽, 唐晓霞, 宋霄宏	(132)
心复康丸对压力超负荷大鼠心肌 miRNA-21 的影响	
郭鹏, 梁勇, 陈作, 李艳灵, 孙玲, 高克俭	(137)
广藿香挥发油对感染后肠易激综合征大鼠肠黏膜屏障的影响	
刘瑶, 焦豪妍, 刘伟	(142)
· 临床 ·	
清热利湿逐瘀方治疗痛风性关节炎临床观察	
祁志敏, 牟成林, 王华, 王春煦, 沈向楠, 范少希, 黄晓松, 赵建	(147)

小陷胸汤合补阳还五汤治疗早期糖尿病肾病临床观察	
王涓涓, 邵岩, 韩向莉, 张艳, 蔡井阳, 常柏	(152)
注射用羟基红花黄色素 A 治疗急性缺血性中风血瘀证疗效观察	
秦劲晨, 梁伟雄, 温晓文, 邓敏贞	(157)
黄芩桂枝五物汤联合四物汤加减对外伤性周围神经损伤康复的影响	
李万辉, 位娜娜, 王海龙	(162)
痛风舒片联合薏柏痛风巴布剂治疗痛风性关节炎湿热痹阻证的临床观察	
颜奎, 蔡翠珠, 郭亚蕾	(167)
大株红景天注射液对乳腺癌化疗患者免疫功能调节的临床观察	
马红芳, 苏国新, 朱小丽, 李玲玲, 陈赫军, 种宝贵	(172)
蒲参胶囊对颈动脉不稳定斑块的干预作用及机制探讨	
杨芳, 杨茜	(177)
· 数据挖掘 ·	
功能性消化不良的常用方剂及药对规律总结	
田亚欣, 王凤云, 张娇, 唐旭东	(182)
小柴胡汤类方应用医案处方用药配伍规律探讨	
胡雅凌, 游强华, 陶姗, 刘芳, 唐学贵	(186)
基于数据挖掘的李佃贵教授治疗慢性萎缩性胃炎用药规律	
田雪娇, 王彦刚, 李佃贵, 刘宇	(191)
· 综述 ·	
真空柱色谱在中药有效成分富集和制备中的应用	
姚丽, 刘晓谦, 高慧敏, 王智民	(197)
· 信息 ·	
中国科技核心期刊收录证书	(封二)
《中国实验方剂学杂志》2016 版中国学术期刊影响年报	(封三)

[期刊基本参数] CN11-3495/R * 1995 * s * 16 * 202 * zh * P * ¥35.00 * 5000 * 41 * 2016-21

本期责任编辑: 周冰冰

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly

Established in October, 1995

Vol. 22 No. 21

November 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, Yinghuayuandongjie, 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.zgsyjfjzz.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

Preparation and Evaluation of Cantharidin Gastrointestinal

Bioadhesive Tablets

DANG Yun-jie, WANG Guo-jie, DU Yu-kun,

HE Xiao-ming, DU Qing (1)

Effect of Processing on Contents of Twelve Constituents in

Psoraleae Fructus

TAO Yi, JIANG Yan-hui, LI Wei-dong, CAI Bao-chang (6)

Optimization of Processing Technology of Stir-baked

Leonuri Fructus by Central Composite Design-response

Surface Methodology

YAN Dong-hui, DENG Xian-mei, MENG Jiang,

WANG Shu-mei (10)

Effect of Different Processing Method on Contents of

Atractylenolide , II , III in Atractylodis Macrocephalae

Rhizoma

ZHANG Jin-lian, XIE Ri-jian, LIU Ming-gui, LUO Wen-hua,

FAN Hui (15)

Optimization of Spray Drying Process of Equiseti Hiemalis

Herba Dispensing Granule

SHAO Jie, ZHANG Ai-li, SHI Jing, WANG Zhen-zhong,

XIAO Wei (19)

Comparison on Pharmacodynamic Differences Between

Xiao'er Baibu Zhike Tangjiang with Raw or Processed

Products of Stemonae Radix

CHEN Xiao-xia, ZHANG Xu, JIA Tian-zhu (23)

Research on Spectrum-activity Relationship of Echinopsis

Radix for Anti-gastric Cancer Based on Principal

Component Analysis, Cluster Analysis and Canonical

Correlation Analysis

YU Hai-shuai (27)

Fourth National Survey of Traditional Chinese Medicine

Resources in Fengcheng, Liaoning Province

CAI Zhen-jiao, GUAN Xing-dong, LI Zhong-yu, XU Liang,

LIU Gang, MOU Jia-zhi, XING Yan-ping, WANG Bing,

KANG Ting-guo (32)

Quality Standards of Zhuang Medicine *Lindernia ruellioides*

LI Li, TANG Yu-rong, YAN Ping-hua, CAI Yi (36)

Correlation Between Sulfur Dioxide Residue and Quality Change of Sulfur-fumigated <i>Angelica Sinensis Radix</i>	
DUAN Su-min, KONG Ming, ZHANG Yan-bo, LI Xiu-yang, LIU Li-fang, LI Song-lin	(41)
LC-MSⁿ Analysis of Chemical Constituents of <i>Fritillaria Ussuriensis</i> Bulbus Water Solution	
TONG Xiao-lin, NIE Ying-lan, MA Yan-yan, PENG Juan, ZHANG Hai-ming, YAN Han, FAN Bin, SUN Jian	(45)
Extraction, Separation and Structural Characterization of Polysaccharide from Leaves of <i>Panax notoginseng</i>	
ZHONG Si-en, HUANG Guang-qiu, CHEN Jin-xian, BO Sheng-tao, ZHANG Hua-lin	(50)
Analysis on Liposoluble Compounds of <i>Huaiyang Medicago polymorpha</i>	
PENG Juan, MA Bo-yan, FAN Bin, YAN Han, LI Yang, NIE Ying-lan, SUN Jian, LIU Chang-xi	(55)
Chemical Constituents from <i>Athyrium multidentatum</i> Rhizome and Their Reducing Capacity	
LIU Dong-mei, SHENG Ji-wen, WANG Si-hong, ZHANG Wei-fen, ZHANG Xiao-hong, WANG De-yun ...	(59)
Changes in Residues of Paeoniflorin and Sulfur Dioxide in <i>Paeoniae Radix Alba</i>	
YU Ding-rong, XIAO Yong-qing, MA Yin-lian, LI Li, LIU Ying, ZHANG Cun, GU Xue-zhu, DU Mao-bo, CHEN Chang	(63)
Determination of Underivatized Amino Acids from <i>Ziziphi Spinosae</i> Semen by HILIC-HPLC-MS/MS	
MAO Ye-qin, YAO Xin, CHEN Lin	(67)
Chemical Constituents from <i>Murdannia nudiflora</i>	
HUANG Zhou-feng, HUANG Jian-you, LU Wen-jie, TAN Xiao, LU Guo-shou	(73)
Quantitative Model of Raman Spectra for CaF₂ in Fluoritum Based on BP-ANN Algorithm	
CHEN Long, MING Jing, YUAN Ming-yang, HUANG Bi-sheng, CHEN Ke-li	(77)
UPLC/Q-TOF-MS Rapid Analysis of Components in Plasma from Guizhi Fuling Capsules	
YIN Quan-wei, LI Jia-chun, QIN Jian-ping, HUANG Wen-zhe, WANG Zhen-zhong	(83)
Effect of Bufadienolides on Immune Functions in Mouse <i>in Vivo</i>	
WEI Xiao-lu, YANG Jian, SI Nan, HAN Ling-yu, BIAN Bao-lin	(87)
Effect of Shugan Jianpi Method (Changji'an Fomulation) on IBS-D Immune Function	
CHAI Yu-na, HUANG Yu-sheng, TANG Hong-mei, WANG Ting, LIU Yuan, ZHONG Ru-fan	(93)
Effect of Zuogui Wan and Yougui Wan and Their Disassembled Prescriptions on Adipocyte-induced Bone Marrow Mesenchymal Stem Cells of Ovariectomized Rat	
GE Xin-ci, XU Yan, REN Yan-ling	(99)
Protection Effect of <i>Panax Notoginseng</i> Saponins in Rats with Cisplatin-induced Nephrotoxicity	
QIU Yue, YANG Yu-fang, HUANG Zhen-guang, ZHOU Jin-ling, LIANG Xue-yan, HUANG Li, CAI Zheng-wen	(104)
Anti-hepatic Fibrosis Effect of Ammonium Glycyrrhetate Combined Oxymatrine and Its Mechanism	
MENG Ya-kun, CHAI Xuan, ZHAO Hong-wei, ZHANG Zhen-fang, ZHANG Cong-en, CUI He-rong, WANG Ya, LI Guang-quan, BAI Zhao-fang, XIAO Xiao-he	(110)
Effect of <i>Angelicae Sinensis Radix</i> on Asthmatic Mice with Yin Deficiency Syndrome	
WANG Zhi-wang, LI Rong-ke, LIU Xue-feng, TUO Hai-yan, CHENG Xiao-li, REN Yuan	(116)
Research on Mechanism of Guizhi Shaoyao Zhimu Tang in Treatment of Gouty Arthritis Based on Toll-MyD88 Signaling Pathway	
WANG Yong-hui, FANG Shu-biao, LI Yan-yan, ZHOU Ran	(121)

Effect of Baicalein on Cell Invasion in Human Trophoblast Derived HTR8/SVneo Cells	
LYU Shan-shan, HOU Li-li	(127)
Effect of Effective Components of Qi-toads Colon-specific Oral Tablets Combined with 5-FU on CT26 Tumour-bearing Mice	
JIA Yan-li, TANG Xiao-xia, SONG Xiao-hong	(132)
Effect of Xinfukang Pill on Myocardial miRNA-21 of Pressure Overload Rats	
GUO Peng, LIANG Yong, CHEN Zuo, LI Yan-ling, SUN Ling, GAO Ke-jian	(137)
Protective and Regulative Effect Patchouli Oil on Intestinal Mucosal Mechanical Barrier and Immune Barrier of Rats with Post-infectious Irritable Bowel Syndrome	
LIU Yao, JIAO Hao-yan, LIU Wei	(142)
Clinical Observation of Qingre Lishi Zhuyu Decoction in Treating Gouty Arthritis	
QI Zhi-min, MOU Cheng-Lin, WANG Hua, WANG Chun-xu, SHEN Xiang-nan, FAN Shao-xi, HUANG Xiao-song, ZHAO Jian	(147)
Clinical Observation of Xiaoxianxiong Tang Combined with Buyang Huanwu Tang in Treatment of Early Diabetic Nephropathy	
WANG Juan-juan, SHAO Yan, HAN Xiang-li, ZHANG Yan, CAI Jing-yang, CHANG Bai	(152)
Clinical Efficacy of Hydroxysafflor Yellow A Injection for Acute Ischemic Stroke with Blood Stasis Syndrome Treated	
QIN Shao-chen, LIANG Wei-xiong, WEN Xiao-wen, DENG Min-zhen	(157)
Effect of Huangqi Guizhi Wuwu Tang Combined with Siwu Tang on Recovery of Traumatic Peripheral Nerve Injury	
LI Wan-hui, WEI Na-na, WANG Hai-long	(162)
Clinical Observation of Effect of Tongfengshu Pian Combined with Yibai Tongfeng Cataplasm in Treating Rheumatic Arthritis with Dampness-heat Blockage Syndrome	
YAN Xi, CAI Cui-zhu, GUO Ya-lei	(167)
Clinic Observation on Sofren Injection for Immunologic Regulation in Breast Cancer Patients	
MA Hong-fang, SU Guo-xin, ZHU Xiao-li, LI Ling-ling, CHEN He-jun, CHONG Bao-gui	(172)
Intervention Effect and Mechanism of Pushen Capsule on Unstable CAS Plaque	
YANG Fang, YANG Qian	(177)
Commonly Used Prescriptions and Herbal Pairs for Functional Dyspepsia	
TIAN Ya-xin, WANG Feng-yun, ZHANG Jiao, TANG Xu-dong	(182)
Compatibility Law of Prescriptions Related to Xiaochaihu Tang	
HU Ya-ling, YOU Qiang-hua, TAO Shan, LIU Fang, TANG Xue-gui	(186)
Medication Laws of Professor LI Dian-gui in Treating Chronic Atrophic Gastritis Based on Data Mining	
TIAN Xue-jiao, WANG Yan-gang, LI Dian-gui, LIU Yu	(191)
Application of Vacuum Liquid Chromatography in Enrichment and Preparation of Active Ingredients of Traditional Chinese Medicines	
YAO Li, LIU Xiao-qian, GAO Hui-min, WANG Zhi-min	(197)

Responsible editor: ZHOU Bing-bing

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