



中华中医药学会系列期刊



CSCD来源期刊
中国中文核心期刊
中国科技核心期刊
RCCSE权威学术期刊(A+)
美国《化学文摘》统计源期刊



QK1857401

ZHONGGUO

SHIYAN

FANGJIXUE

ZAZHI

中国实验方剂学杂志

— Chinese Journal of Experimental Traditional Medical Formulae —

本期推荐

· 中药材无公害栽培生产技术体系研究专题

农药残留、重金属超标等安全性问题是制约中药材质量和行业发展的重要瓶颈，建立中药材无公害栽培生产技术体系，是保障中药材安全和有效的重要手段。

23
2018

2018年12月 第24卷 第23期
December Vol.24 No.23



杂志官方微信

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
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 24 卷 第 23 期 2018 年 12 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: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
印刷 北京顶佳世纪印刷有限公司
(100076 北京市大兴区西红门镇)
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 京东工商广登字 20170076 号
国内定价 每期 48 元,全年 1152 元

目次

· 中药材无公害栽培生产技术体系研究专题 ·

无公害中药材产地环境质量标准探讨
孟祥霄, 沈亮, 黄林芳, 熊超, 陈士林 (1)

人参属药用植物无公害种植技术探讨
沈亮, 徐江, 孟祥霄, 李西文, 李刚, 李琦 (8)

本草基因组学在中药材新品种选育中的应用
尉广飞, 董林林, 陈士林, 李孟芝 (18)

· 药剂与炮制 ·

美洲大蠊口腔贴膜剂的制备及其抗口腔溃疡作用考察
李杰, 陈哲杰, 石金凤, 肖倩, 王梅, 江华娟, 傅超美,
耿福能, 章津铭 (29)

正交试验优选盐泽泻的炮制生产工艺
邵艳妮, 樊李明, 陈秀霞, 褚克丹, 林青青, 金琦,
冯琳雪, 谢瑞华 (37)

· 资源与鉴定 ·

蓝花参的表面性状和显微观察
胡海波, 黄桥华, 黄娟, 刘学艺, 钟娟萍, 张军花 (46)

6 种不同基源钩藤药材的显微鉴别
杨楠楠, 黄小敏, 盖亚男, 汪琼, 徐增莱 (52)

鸢尾科 3 种药用植物种子的形态学及显微结构
李颖, 杨光, 池秀莲, 程蒙, 韦颖, 邵爱娟,
李晓琳 (59)

川贝母采后加工贮藏包装环节的调查
李瑞琦, 徐靓, 吴翠, 马玉翠, 陈垣, 巢志茂 (64)

· 化学与分析 ·

小叶九里香枝干化学成分及抑菌活性分析

卜森森, 余森泉, 董存柱 (69)

杨树花化学成分的分离鉴定 II

侯勇, 厉博文, 张广杰, 李敏, 缪潇瑶, 崔慧敏, 夏梓铭, 田瑛, 刘士军, 陈立, 李彬, 董俊兴 ... (77)

奥兰替胃康片多指标质量控制体系的建立

王章伟, 邱小燕, 王振, 刘芳芳, 李志勇, 周鹏, 韦锦宁, 吕武清, 杨小玲, 谢宁 (82)

UPLC-MS/MS 测定何首乌中 10 个二苯乙烯苷类成分的含量

余意, 高峰, 李佳兴, 金艳, 马方励, 杨健, 郭兰萍 (87)

女儿茶 HPLC 指纹图谱及清除自由基活性谱效关系

王乐, 何婷, 常艳丽, 范书生, 王秀环, 王炎, 李晓, 王小萍, 许啸, 孙志蓉, 折改梅 (93)

HPLC-ELSD 测定益母草颗粒中盐酸水苏碱的含量

李伟, 张建军, 王小花, 王玉杰, 汤如莹, 王林元 (100)

新疆红花挥发油 GC-MS 分析及药理作用的分子机制

林昶, 杨欣, 朱璨, 徐昌君, 刘杨, 周静, 杨长福 (104)

· 药理 ·

补阳还五汤干预缺氧预适应成纤维细胞促间充质干细胞迁移的机制

王一婧, 袁晓捧, 吴旦斌, 孙英新, 范英昌, 姜希娟, 李虎虎 (112)

基于 PI3K/Akt 通路观察五子衍宗方对老龄大鼠精原干细胞增殖的影响

刘珍财, 赵海霞, 马娜, 陈茜, 袁丁, 张长城 (119)

蠲痹历节清方对改良痛风性关节炎模型大鼠滑膜的 TLR4, NF- κ B, PPAR γ 的影响

郭玉星, 熊辉, 易法银, 朱方晓, 陆小龙, 周彪, 齐新宇, 向黎黎, 邵先舫 (126)

橄榄苦苷对糖尿病小鼠肝脏糖代谢的作用及机制

侯丹, 刘铜华 (134)

消癌解毒方对 H22 荷瘤小鼠移植瘤的抗肿瘤作用机制

马艳霞, 李黎, 吴勉华, 周红光, 李沐涵, 李文婷, 李漪 (140)

桂郁金多糖对 H₂O₂ 致人脐静脉内皮细胞损伤的保护作用及机制

俞献文, 唐丽清, 覃琴, 冯柏林, 杨秀芬 (146)

杜仲多糖对肝纤维化模型大鼠 I, III 型胶原蛋白, MMP-1, TIMP-1 及 TGF- β_1 mRNA 表达的影响

王乾宇, 王文佳, 奚锦, 蔡琨, 王平, 梁建东, 韩洁, 何光志 (153)

葛根总黄酮对氧化应激损伤人脐静脉内皮细胞的保护作用及其机制

苏成福, 龚曼, 韩永光, 魏玉, 李彦灵, 赵一颖, 孙一杰, 刘雅敏 (159)

地锦草调控 NF-κB/VEGF 信号通路抑制肿瘤血管生成的机制

胡建新, 席晓甜, 王晓敏, 邹志坚 (165)

· 临床 ·

定痫丸加减联合左乙拉西坦治疗小儿癫痫痰火扰神证疗效及对认知功能、生活质量的影响

王书玲, 侯江红, 陈团营, 申冬冬 (171)

糖肾方联合灌肠方对Ⅳ期2型糖尿病肾病炎症因子的影响及临床疗效观察

张传富, 路建饶, 陈秀锋, 胡静, 曹子丰 (177)

丹参注射液对糖尿病合并下肢血管病变患者血管舒张功能及炎症指标的影响

易兰, 王莉, 付阿丹, 段纬喆 (183)

耳聋左慈丸加味联合声治疗对肾精亏虚型耳鸣及抗氧化作用的观察

王翔, 谭业农, 谢柳, 吴小秦 (189)

四妙丸合失笑散加减配合前列倍喜胶囊治疗Ⅲ型慢性前列腺炎的观察

张海涛, 李恭会, 潘正波, 徐林飞, 卢炜 (194)

· 综述 ·

活血化痰类中药治疗糖尿病肾病机制的研究进展

白宇, 贺云, 杨丽霞 (200)

中药防治阿霉素心脏毒性的作用机制及应用

陈银芳, 余日跃, 熊耀坤, 徐国良, 张凯, 聂斌, 严小军, 刘红宁 (207)

植物类中药抗细菌耐药性的研究进展

黄梅, 谭余庆, 罗俊, 沈建英 (218)

中医药保护脑缺血再灌注损伤后神经血管单元的作用

刘抒雯, 杨丽华, 马春, 李淑玲, 李晨熙, 孟祥多 (225)

[期刊基本参数] CN11-3495/R * 1995 * s * 16 * 234 * zh * P * ¥48.00 * 1000 * 34 * 2018-23

本期责任编辑: 张丰丰

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly Established in October, 1995 Vol. 24 No. 23 December 2018

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.syfjxzz.com

Printed by

Beijing Topcent Printing Co., Ltd.
(No.5, Jinfu Street, Daxing District, Beijing, 100076)

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

Exploring on Environmental Standard of High Quality
Pollution-free Chinese Herbal Medicines
MENG Xiang-xiao, SHEN Liang, HUANG Lin-fang,
XIONG Chao, CHEN Shi-lin (1)

Discussion on Pollution-free Planting Technology of *Panax*
Species
SHEN Liang, XU Jiang, MENG Xiang-xiao, LI Xi-wen,
LI Gang, LI Qi (8)

Application of Herbgonomics in Breeding of New Varieties of
Chinese Herbal Medicines
WEI Guang-fei, DONG Lin-lin, CHEN Shi-lin,
LI Meng-zhi (18)

Preparation of *Periplaneta americana* Oral Film and
Investigation of Its Antioral Ulcer Action
LI Jie, CHEN Zhe-jie, SHI Jin-feng, XIAO Qian, WANG Mei,
JIANG Hua-juan, FU Chao-mei, GENG Fu-neng,
ZHANG Jin-ming (29)

Optimization of Production Process of *Alismatis Rhizoma*
Processed with Salt by Orthogonal Test
TAI Yan-ni, FAN Li-ming, CHEN Xiu-xia, CHU Ke-dan,
LIN Qing-qing, JIN Qi, FENG Lin-xue, XIE Rui-hua (37)

Surface Characters and Microscopic Observation of
Wahlenbergiae Marginatae Radix seu Herba
HU Hai-bo, HUANG Qiao-hua, HUANG Juan, LIU Xue-yi,
ZHONG Juan-ping, ZHANG Jun-hua (46)

Microscopic Identification of *Uncaria* Medicinal
Material from Six Different Species
YANG Nan-nan, HUANG Xiao-min, GAI Ya-nan,
WANG Qiong, XU Zeng-lai (52)

Morphological and Anatomical Structure of Seeds for Three
Medicinal Plants of Iridaceae
LI Ying, YANG Guang, CHI Xiu-lian, CHENG Meng,
WEI Ying, SHAO Ai-juan, LI Xiao-lin (59)

Investigation on Processing, Storage, and Packaging of Fritillariae Cirrhosae Bulbus After Harvest
LI Rui-qi, XU Liang, WU Cui, MA Yu-cui, CHEN Yuan, CHAO Zhi-mao (64)

Chemical Compositions from *Murraya microphylla* Stems and Their Anti-fungal Activities *in Vitro*
BU Miao-miao, YU Sen-quan, DONG Cun-zhu (69)

Isolation and Identification of Chemical Constituents of *Populus tomentosa* Male Inflorescence II
HOU Yong, LI Bo-wen, ZHANG Guang-jie, LI Min, MIAO Xiao-yao, CUI Hui-min, XIA Zi-ming,
TIAN Ying, LIU Shi-jun, CHEN Li, LI Bin, DONG Jun-xing (77)

Establishment of Quality Control System for Aolanti Weikang Tablets with Multiple Indexes
WANG Zhang-wei, QIU Xiao-yan, WANG Zhen, LIU Fang-fang, LI Zhi-yong, ZHOU Peng, WEI Jin-ning,
LYU Wu-qing, YANG Xiao-ling, XIE Ning (82)

Content Determination of Ten Kinds of Stilbene Glycosides in *Polygoni Multiflori Radix* by UPLC-MS/MS
YU Yi, GAO Feng, LI Jia-xing, JIN Yan, MA Fang-li, YANG Jian, GUO Lan-ping (87)

Correlation Analysis Between HPLC Fingerprint and Free Radical-scavenging Activity of
Rhamnus heterophylla Leaves
WANG Le, HE Ting, CHANG Yan-li, FAN Shu-sheng, WANG Xiu-huan, WANG Yan, LI Xiao,
WANG Xiao-ping, XU Xiao, SUN Zhi-rong, SHE Gai-mei (93)

Determination of Stachydrine Hydrochloride Content in *Leonurus* Granule by HPLC-ELSD
LI Wei, ZHANG Jian-jun, WANG Xiao-hua, WANG Yu-jie, TANG Ru-ying, WANG Lin-yuan (100)

GC-MS Analysis and Molecular Mechanism of Pharmacological Action of Essential Oil from Xinjiang
Carthami Flos
LIN Chang, YANG Xin, ZHU Can, XU Chang-jun, LIU Yang, ZHOU Jing, YANG Chang-fu (104)

Mechanism of Buyang Huanwu Tang in Intervening Hypoxia Preconditioning Fibroblast and Promoting
Mesenchymal Stem Cell Migration
WANG Yi-jing, YUAN Xiao-peng, WU Dan-bin, SUN Ying-xin, FAN Ying-chang, JIANG Xi-juan,
LI Hu-hu (112)

Effect of Wuzi Yanzong Fang on Proliferation of Spermatogonial Stem Cells in Aging Rats Through
PI3K/Akt Signaling Pathway
LIU Zhen-cai, ZHAO Hai-xia, MA Na, CHEN Qian, YUAN Ding, ZHANG Chang-cheng (119)

Effect of Juanbi Lijieqing Formula on TLR4, NF-κB and PPARγ in Synovial Membrane of
Rats with Amelioration of Gouty Arthritis
GUO Yu-xing, XIONG Hui, YI Fa-yin, ZHU Fang-xiao, LU Xiao-long, ZHOU Biao, QI Xin-yu,
XIANG Li-li, SHAO Xian-fang (126)

Effect and Mechanism of Oleuropein on Glucose Metabolism of Liver in Diabetic Mice
HOU Dan, LIU Tong-hua (134)

Anti-tumor Mechanism of Xiaoi Jiedu Decoction in Transplanted Tumor of H22 Tumor-bearing Mice
MA Yan-xia, LI Li, WU Mian-hua, ZHOU Hong-guang, LI Mu-han, LI Wen-ting, JI Yi (140)

Protective Effect and Mechanism of Polysaccharides from *Curcumae Kwangsiensis Radix* on HUVECs
Injured by H₂O₂
YU Xian-wen, TANG Li-qing, QIN Qin, FENG Bo-lin, YANG Xiu-fen (146)

Effect of Polysaccharides from Eucommiae Cortex on Expressions of Genes of I , III Collagen, MMP-1, TIMP-1 and TGF-β₁ from Hepatic Fibrosis in Rat Models
WANG Qian-yu, WANG Wen-jia, XI Jing, CAI Kun, WANG Ping, LIANG Jian-dong, HAN Jie, HE Guang-zhi (153)

Protective Effect of Total Flavonoids from Puerariae Lobatae Radix on Oxidative Stress-induced Injury of Human Umbilical Vein Endothelial Cells and Its Mechanism
SU Cheng-fu, GONG Man, HAN Yong-guang, WEI Yu, LI Yan-ling, ZHAO Yi-ying, SUN Yi-jie, LIU Ya-min (159)

Mechanism of *Humifuse euphorbia* in Regulating Tumor Angiogenesis by NF-κB/VEGF Signal Pathway
HU Jian-Xin, XI Xiao-tian, WANG Xiao-min, ZOU Zhi-jian (165)

Clinical Efficacy of Modified Dingxianwan Combined with Levetiracetam on Syndrome of Phlegm-fire Disturbing Mind in Children with Epilepsy and Effect on Cognitive Function and Life Quality
WANG Shu-ling, HOU Jiang-hong, CHEN Tuan-ying, SHEN Dong-dong (171)

Clinical Efficacy of Tangshen Prescription Combined with Guanchang Enema for Type 2 IV-stage Diabetic Kidney Disease and Effect on Inflammatory Factors
ZHANG Chuan-fu, LU Jian-rao, CHEN Xiu-feng, HU Jing, CAO Zi-feng (177)

Effect of Danshen Injection on Vasodilatation and Inflammation in Patients with Diabetes Mellitus Combined with Lower Extremity Vascular Disease
YI Lan, WANG Li, FU A-dan, DUAN Wei-zhe (183)

Observation of Modified Erlong Zuoci Wan Combined with Acoustic Tinnitus with Deficiency of Kidney Essence and Antioxidation Effect
WANG Xiang, TAN Ye-nong, XIE Liu, WU Xiao-qin (189)

Clinical Observation on Modified Simiao Wan and Shixiaosan Combined with Qianlie Beixi Capsule in Treating Type III Chronic Prostatitis with Syndrome of Damp-heat Stagnation
ZHANG Hai-tao, LI Gong-hui, PAN Zheng-bo, XU Lin-fei, LU Wei (194)

Mechanism of Traditional Chinese Medicine for Promoting Blood Circulation and Removing Blood Stasis in Treating Diabetic Nephropathy
BAI Yu, HE YUN, YANG Li-xia (200)

Application and Mechanism of Traditional Chinese Medicine in Prevention and Treatment of Adriamycin-induced Cardiotoxicity
CHEN Yin-fang, YU Ri-yue, XIONG Yao-kun, XU Guo-liang, ZHANG Kai, NIE Bin, YAN Xiao-jun, LIU Hong-ning (207)

Antimicrobial Resistance of Chinese Herbal Medicine
HUANG Mei , TAN Yu-qing , LUO Jun , SHEN Jian-ying (218)

Effect of Neurovascular Unit After Cerebral Ischemia Reperfusion Injury Treated by Traditional Chinese Medicine
LIU Shu-wen, YANG Li-hua, MA Chun, LI Shu-lin, LI Chen-xi, MENG Xiang-duo (225)

Responsible editor: ZHANG Feng-feng

1995-2018



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

定价：48.00元

万方数据

ISSN 1005-9903



23>