



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权威(A⁺)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

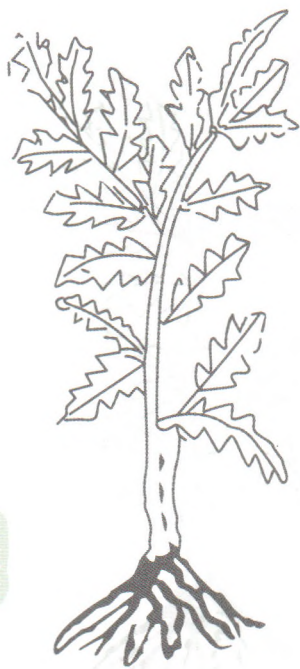
SHIYAN

FANGJIXUE

ZAZHI

本期推荐

- 雷公藤红素-薏苡仁油微乳的制备及其体外抗肿瘤活性评价
- 肾脑复元汤治疗缺血性中风临床疗效及对血液流变学的影响
- 氧化苦参碱通过免疫调节保护刀豆蛋白A诱导的小鼠免疫性肝损伤
- 基于电子鼻及顶空-气质联用技术结合化学计量学区分不同产地的砂仁



黄芩

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

6 2017

2017年3月 第23卷 第6期
March Vol.23 No.6



杂志官方微信

中国实验方剂学杂志

Zhongguo Shiyan Fangjixue Zazhi

半月刊 1995 年 10 月创刊 第 23 卷 第 6 期 2017 年 3 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: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 ·

雷公藤红素-薏苡仁油微乳的制备及其体外抗肿瘤活性评价
李萍,黄萌萌,刘玉萍,鞠建明,陈彦 (1)

灯盏花乙素缓释微球的制备及药剂学性能考察
薛雨晨,苏菊,姜丰,吴朝花,沈祥春,陶玲 (7)

盐炙益智仁石油醚部位缩尿成分分离与药效学分析
龚晓猛,李梦琪,吴珊珊,胡麒,胡昌江 (13)

作炮制辅料用的不同姜汁对胃肠作用的差异比较
钟凌云,吕沐,何平平 (19)

赤石脂和禹余粮作为灶心土替代品的分析
王明芳,孟祥龙,何美菁,薛非非,马俊楠,李坤,张朔生 (23)

胆南星质量评价方法初探
赵启苗,单国顺,陈江宁,高慧,贾天柱 (28)

苦杏仁不同炮制品 HPLC 指纹图谱的比较
王均秀,张学兰,王秋红,李慧芬,赵鑫,宋梦晗 (32)

· 资源与鉴定 ·

基于电子鼻及顶空-气质联用技术结合化学计量学区分不同产地的砂仁
刘梦楚,邹晓红,蓝伦礼,曹骋,江滨,曾元儿 (35)

黔产苦参根、茎、叶中生物碱含量累积与生态因子的相关性
陆平祝,常楚瑞,龙庆德,王晓丽 (43)

怀菊花种质资源品质评价
代震,利顺欣,陈随清,朱昱 (48)

忍冬叶总黄酮的测定及其体外抗菌活性
马艳妮,王志尧,郭展展,张海艳,赵天增 (55)

连翘不同果形质量评价
夏伟,董诚明,李汉伟,魏硕 (60)

· 化学与分析 ·

蟾酥的化学成分

赵彦敏, 左其艳, 李振麟, 吕旭辉, 王新婕, 钱士辉 (65)

当归挥发油对人脐静脉内皮细胞增殖作用的谱效关系

马霞, 丁军霞, 顾志荣, 孙宇靖, 王亚丽 (70)

UPLC 测定醉鱼草不同部位中 4 种黄酮类成分

李正, 吴德玲, 赵宏苏, 许凤清, 张伟 (74)

UPLC-Q-TOF-MS 对桑白皮总黄酮提取物的快速分析

丁嘉华, 冯毅凡, 李卫民, 高英 (78)

水蒸气蒸馏及不同萃取纤维对白花蛇舌草挥发性成分分析

薛鹏, 杨立新, 曹英夕, 张东, 杨岚 (85)

色度分析花椒黄酮类成分含量与颜色值的相关性

郭换, 刘飞, 梅国荣, 陈林, 刘友平, 陈鸿平 (91)

靶向轮廓分析核磁定量法测定 4 种秦艽中龙胆苦苷与马钱苷酸

杨晓瑞, 张凯, 李泽运, 王峰涛 (98)

· 药物代谢 ·

利血平诱导的急性抑郁模型大鼠体内 CYP450 亚酶的活性变化

宗阳, 朱立静, 孙冰婷, 何书芬, 张倩, 居文政 (104)

配伍对珠子参中 4 个皂苷类成分药代动力学的影响

王小平, 白吉庆, 王亚恒, 王金, 胡锦涛, 权利娜, 黎丹, 王芳, 叶峥嵘, 沈舒文 (111)

基于 UPLC-Q-TOF/MS 分析西洋参果总皂苷的人血成分

张楠淇, 李平亚, 王翠竹, 李卓, 王振洲, 崔涛, 刘金平 (117)

· 药理 ·

氧化苦参碱通过免疫调节保护刀豆蛋白 A 诱导的小鼠免疫性肝损伤

桑秀秀, 王睿林, 韩延忠, 崔鹤蓉, 尹萍, 贺兰芝, 刘慧敏, 刘士敬, 肖小河, 柏兆方 (125)

神经干细胞迁移研究平台的建立及补阳还五汤的干预影响

覃清霞, 仲米存, 吴宣, 孔祥英, 林娜 (131)

桑叶对糖尿病小鼠肝脏 Toll 样受体基因表达的影响

田思敏, 柳辰玥, 马双双, 张弛, 赵保胜 (137)

肝豆汤改良方对 Wilson's 病模型 TX 乳鼠神经元内 Cyt C/Caspase 信号通路的分子调控机制

徐陈陈, 董健健, 程楠, 韩咏竹, 王训 (143)

重楼皂苷 I 诱导 G₂/M 期阻滞及干扰微管结构抗结肠癌 HCT116 细胞作用机制

于思, 曹治兴, 杨雨婷, 白姣姣, 彭成, 李玉芝 (149)

黄芪甲苷配伍姜黄素对人卵巢癌 HO-8910 原位移植瘤转移的抑瘤作用

杨苏钰, 唐德才, 曹子丰, 张硕, 时晓霞, 尹刚 (155)

升降散激活 Wnt 信号通路促进慢性脑缺血 VD 模型大鼠海马组织损伤修复	
史江峰, 马健	(161)
肝乐颗粒对肝纤维化大鼠 TGF- β_1 /Smad 信号通路的调控作用	
张家富, 姜辉, 高家荣, 赵林, 刘晓闯	(169)
· 临床 ·	
肾脑复元汤治疗缺血性中风临床疗效及对血液流变学的影响	
胡国恒, 刘侃, 王瑾茜, 李映辰, 尹美美	(175)
益气化痰活血法改善超重/肥胖 2 型糖尿病患者糖脂代谢紊乱及肥胖抑制素的临床观察	
孙璐, 唐咸玉, 张鹏, 何柳, 何嘉莉, 梁绮婷, 谢雯雯, 范冠杰	(181)
独活寄生汤对风寒湿痹型关节炎患者关节液中炎症因子、氧化应激及脂肪细胞因子的影响	
张斌山	(186)
补髓生血汤对慢性再生障碍性贫血患者骨髓基质细胞相关细胞因子的影响	
韦润红, 陈艳丽, 刘现辉	(192)
· 数据挖掘 ·	
妇科癥瘕古代方剂用药特点探析	
刘辉艳, 赵瑞华	(198)
《中国药典》收录补肾中成药的组方规律分析	
高嘉良, 陈光, 何浩强, 李军, 王阶	(203)
基于中医传承辅助平台挖掘姜良铎教授治疗慢性乙型肝炎方药规律	
孙元培, 郭晓霞	(210)
· 综述 ·	
天然黄酮类化合物抗肿瘤作用靶点研究进展	
孙晓润, 陈芊芊, 林悦, 张建平, 王昶奎, 张璇	(218)
基于中药药性理论的清热药现代研究进展	
邹国发, 熊成成, 陈艳芬, 郭丽冰, 陶曙红, 刘家杰	(229)
· 信息 ·	
《中国实验方剂学杂志》第四届编委会名单	(封二)
《中国实验方剂学杂志》稿约	(封三)

[期刊基本参数] CN11-3495/R * 1995 * s * 16 * 234 * zh * P * ¥35.00 * 5000 * 39 * 2017-06

本期责任编辑: 顾雪竹

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly

Established in October, 1995

Vol. 23 No. 6

March 2017

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.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)

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 of Celastrol-Coicis Semen Oil Microemulsions and Evaluation of Its *in Vitro* Antitumor Activity

LI Ping, HUANG Meng-meng, LIU Yu-ping, JU Jian-ming,
CHEN Yan (1)

Preparation of Scutellarin Sustained-release Microspheres and Study on Its Pharmaceutical Properties

XUE Yu-chen, SU Ju, JIANG Feng, WU Chao-hua,
SHEN Xiang-chun, TAO Ling (7)

Separation and Pharmacodynamics of Urine-reducing Components in Petroleum Ether Part of Salt-processed Alpiniae Oxyphyllae Fructus

GONG Xiao-meng, LI Meng-qi, WU Shan-shan, HU Qi,
HU Chang-jiang (13)

Comparison on Effects of Different Ginger Juice on Gastrointestinal Function

ZHONG Ling-yun, LYU Mu, HE Ping-ping (19)

Discussion on Feasibility of Halloysitum Rubrum and Limonitum as Substitutes of Terra Flava Usta

WANG Ming-fang, MENG Xiang-long, HE Mei-jing,
XUE Fei-fei, MA Jun-nan, LI Kun, ZHANG Shuo-sheng ... (23)

Preliminary Study on Quality Evaluation of Arisaema Cum Bile

ZHAO Qi-miao, SHAN Guo-shun, CHEN Jiang-ning,
GAO Hui, JIA Tian-zhu (28)

Comparison on HPLC Fingerprints of Different Processed Products of Armeniacae Semen Amarum

WANG Jun-xiu, ZHANG Xue-lan, WANG Qiu-hong,
LI Hui-fen, ZHAO Xin, SONG Meng-han (32)

Discrimination of Aromi Fructus from Different Origins Using Electronic Nose Combined with Headspace- Gas Chromatography-Mass Spectrometry Coupled and Chemometrics

LIU Meng-chu, ZOU Xiao-hong, LAN Lun-li, CAO Cheng,
JIANG Bin, ZENG Yuan-er (35)

Effect of Ecological Factors on Accumulation of *Sophora flavescens* in Roots, Stems and Leaves from Guizhou

LU Ping-zhu, CHANG Chu-rui, LONG Qing-de,
WANG Xiao-li (43)

Quality Evaluation on Germplasm Resources of Huai Chrysanthemi Flos	
DAI Zhen, LI Shun-xin, CHEN Sui-qing, ZHU Yu	(48)
Determination of Total Flavonoids of <i>Lonicera japonica</i> Leaves and Their <i>in Vitro</i> Antibacterial Activity	
MA Yan-ni, WANG Zhi-yao, GUO Zhan-zhan, ZHANG Hai-yan, ZHAO Tian-zeng	(55)
Quality Evaluation of Different Fruit Types of Forsythiae Fructus	
XIA Wei, DONG Cheng-ming, LI Han-wei, WEI Shuo	(60)
Chemical Constituents from Bufonis Venenum	
ZHAO Yan-min, ZUO Qi-yan, LI Zhen-lin, LYU Xu-hui, WANG Xin-jie, QIAN Shi-hui	(65)
Correlation Analysis Between Volatile Oil from Angelicae Sinensis Radix and Its Effects on HUVECs Proliferation	
MA xia, DIND Jun-xia, GU Zhi-rong, SUN Yu-jing, WANG Ya-li	(70)
Determination of Contents of Four Flavonoids in Different Parts of <i>Buddleja lindleyana</i> by UPLC	
LI Zheng, WU De-ling, ZHAO Hong-su, XU Feng-qing, ZHANG Wei	(74)
Rapid Analysis of Flavonoids Extraction from Mori Cortex by UPLC-Q-TOF-MS	
DING Jia-hua, FENG Yi-fan, LI Wei-min, GAO Ying	(78)
Analysis of Volatile Components in <i>Hedyotis diffusa</i> by SD-GS-MS and HS-SPME-GC-MS	
XUE Peng, YANG Li-xin, CAO Ying-xi, ZHANG Dong, YANG Lan	(85)
Correlation Between Flavonoids and Color Values of Zanthoxyli Pericarpium Based on Chromatometry	
GUO Huan, LIU Fei, MEI Guo-rong, CHEN Lin, LIU You-ping, CHEN Hong-ping	(91)
Targeted Profiling qHNMR for Determination of Gentiopicroside and Loganic Acid in 4 Species of Gentianae Macrophyllae Radix	
YANG Xiao-rui, ZHANG Kai, LI Ze-yun, WANG Zheng-tao	(98)
Activity Change of CYP450 Subunit in Acute Depression Model Rats Induced by Reserpine	
ZONG Yang, ZHU Li-jing, SUN Bing-ting, HE Shu-fen, ZHANG Qian, JU Wen-zheng	(104)
Effect of Compatibility on Pharmacokinetics of Four Saponins in Panacis Majoris Rhizoma	
WANG Xiao-ping, BAI Ji-qing, WANG Ya-heng, WANG Jin, HU Jin-ping, QUAN Li-na, LI Dan, WANG Fang, YE Zheng-rong, SHEN Shu-wen	(111)
Absorbed Components Analysis of Total Saponins from Panacis Quinquefolii Radix Fruit in Rat Serum by UPLC-Q-TOF/MS	
ZHANG Nan-qi, LI Ping-ya, WANG Cui-zhu, LI Zhuo, WANG Zhen-zhou, CUI Tao, LIU Jin-ping	(117)
Oxymatrine Protects Against Liver Injury Induced by ConA in Mice Through Suppressing Host Immune Response	
SANG Xiu-xiu, WANG Rui-lin, HAN Yan-zhong, CUI He-rong, YIN Ping, HE Lan-zhi, LIU Hui-min, LIU Shi-jing, XIAO Xiao-he, BAI Zhao-fang	(125)
Establishment of Platform for Neural Stem Cells Migration <i>in Vitro</i> and Effect of Buyang Huanwu Tang on Migration	
QIN Qing-xia, ZHONG Mi-cun, WU Xuan, KONG Xiang-ying, LIN Na	(131)
Effect of Mori Folium on Gene Expression of TLRs in Liver of Diabetic Mice	
TIAN Si-min, LIU Chen-yue, MA Shuang-shuang, ZHANG Chi, ZHAO Bao-sheng	(137)
Molecular Regulatory Mechanism of Modified Gandou Decoction on Cyt C/Caspase Signaling Pathway in Neurons of Wilson's Disease Model-TX Mice	
XU Chen-chen, DONG Jian-jian, CHENG Nan, HAN Yong-zhu, WANG Xun	(143)

Mechanism of Polyphyllin I in Inhibiting HCT116 Cells Based on Inducing G₂/M Arrest and Interfering Microtubule Structure	
YU Si, CAO Zhi-xing, YANG Yu-ting, BAI Jiao-jiao, PENG Cheng, LI Yu-zhi	(149)
Anti-tumor Effect of Astragaloside Combined with Curcumin on Orthotopic Transplantation Tumor Tissue of HO-8910 Ovarian Carcinoma Metastasis	
YANG Su-yu, TANG De-cai, CAO Zi-feng, ZHANG Shuo, SHI Xiao-xia, YIN Gang	(155)
Effect of Shengjiangsang on Promoting Repair of Hippocampal Tissue Damage in Chronic Ischemic VD Rats via Activating Wnt Pathway	
SHI Jiang-feng, MA Jian	(161)
Regulation of Ganle Granules on TGF-β_1/Smad Signaling Pathways in Rats with Hepatic Fibrosis	
ZHANG Jia-fu, JIANG Hui, GAO Jia-rong, ZHAO Lin, LIU Xiao-chuang	(169)
Clinical Efficacy of Shennao Fuyuan Decoction in Treatment of Ischemic Stroke and Effect on Hemorheology	
HU Guo-heng, LIU Kan, WANG Jin-xi, LI Ying-chen, YIN Mei-mei	(175)
Clinical Observation on Method of Supplementing Qi, Resolving Phlegm and Activating Blood Circulation in Improving Disorder of Glucose and Lipid Metabolism and Obestatin in Overweight/Obese of Type 2 Diabetes Mellitus Patients	
SUN Lu, TANG Xian-yu, ZHANG Peng, HE Liu, HE Jia-li, LIANG Qi-ting, XIE Wen-wen, FAN Guan-jie	(181)
Effect of Duhuo Jisheng Tang on Synovial Fluid Inflammatory Factors, Oxidative Stress and Adipokinesin Patients with Wind-cold-damp Retention Type Arthritis	
ZHANG Bin-shan	(186)
Effect of Busui Shengxue Decoction on Bone Marrow Stromal Cell Related Cytokines in Patients with Chronic Aplastic Anemia	
WEI Run-hong, CHEN Yan-li, LIU Xian-hui	(192)
Analysis on Composition Principle of Ancient Gynecological Zhengjia Prescriptions	
LIU Hui-yan, ZHAO Rui-hua	(198)
Composition Principles of Kidney-tonifying Chinese Medicine Prescriptions in <i>Chinese Pharmacopoeia</i>	
GAO Jia-liang, CHEN Guang, HE Hao-qiang, LI Jun, WANG Jie	(203)
Explore Prescription Rules of Professor JIANG Liang-duo for Treatment of Chronic Hepatitis B Based on Traditional Chinese Medicine Inheritance Support Platform	
SUN Yuan-pei, GUO Xiao-xia	(210)
Research Progress of Anti-tumor Molecular Target in Natural Flavonoids	
SUN Xiao-run, CHEN Ping-ping, LIN Yue, ZHANG Jian-ping, WANG Chong-kui, ZHANG Xuan	(218)
Heat-Clearing Herbs Based on Property Theory of Traditional Chinese Medicine	
ZOU Guo-fa, XIONG Cheng-cheng, CHEN Yan-fen, GUO Li-bing, TAO Shu-hong, LIU Jia-jie	(229)

Responsible editor: GU Xue-zhu

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