



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

ISSN 1005-9903
CN 11-3495/R



ZHONGGUO

SHIYAN

FANGJIXUE

ZAZHI

中国实验方剂学杂志

— Chinese Journal of Experimental Traditional Medical Formulae —

本期推荐

- 醋甘遂不同提取物对斑马鱼幼鱼的毒性
- 牛李化学成分分离鉴定
- 青蒿素及其衍生物对破骨细胞分化作用的比较分析
- 热毒宁吸入溶液体外吸入性能的相关性分析

4 2018

2018年2月 第24卷 第4期
February Vol.24 No.4



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 4 期 2018 年 2 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

- 药剂与炮制 ·
- 热毒宁吸入溶液体外吸入性能的相关性分析
罗贛, 陶永华, 李翠, 王国华, 聂其霞, 张保献 …… (1)
- 基于尿液代谢组学分析肉豆蔻麸煨炮制前后对大鼠长期
毒性的作用差异
王静, 陈悦, 袁子民, 贾天柱 …… (8)
- UPLC-MS/MS 联合细胞膜固相色谱法分析补阳还五汤
作用于神经元样 PC12 细胞的效应成分
郑华珠, 王利胜, 吴银爱, 范有明, 孟英姣, 沈晓 …… (14)
- 基于大鼠过敏性哮喘模型的哮喘方主体工艺优选
康小东, 常秀娟, 胡吟绯, 周恩丽, 付娟, 王星星,
李森, 吴云, 萧伟 …… (21)
- 哈蟆油药材基因组 DNA 提取方法的比较
刘建辉, 石林春, 唐先明, 王洋, 王姝 …… (27)
- 资源与鉴定 ·
- 广金钱草化学诱变植株表型及 SRAP 遗传差异
唐晓敏, 程轩轩, 张春荣, 梅凌峰, 杨全 …… (32)
- 丹参潜在性致病内生真菌的筛选及其致病相关酶酶学
特性分析
林亚丽, 黄倩倩, 严铸云, 陈新, 王海, 何冬梅,
韩桂琪 …… (38)
- 商陆水溶性浸出物、商陆皂苷甲含量变异规律与优良
种源筛选
周恺麟, 吕伟旗, 汤晟凌 …… (44)
- 四倍体黄芩 D20 生理指标与产量间关系
柴俊雯, 郭柳, 陈红刚, 杜孜, 连中学 …… (51)

· 化学与分析 ·

牛李化学成分分离鉴定

刘曦, 王勇, 况晓东, 任刚, 何小汝, 冯丽华, 汪玢, 周志望 (56)

胀果甘草多糖 GiP-3 的结构分析及免疫活性测定

帕丽达·阿不力孜, 米仁沙·牙库甫, 陈橙, 丛媛媛 (66)

· 药物代谢 ·

UPLC/LTQ-Orbitrap-MS 技术鉴定石斛碱在人肝微粒体中的代谢产物

鲁艳柳, 黄思, 汪敏, 邱敏, 吴芹, 陆远富, 何芋岐 (72)

黄芩苷镁盐和黄芩苷的肠吸收动力学和药代动力学比较

许海舰, 刘一鑫, 刘喜纲, 常金花, 宋鸿儒, 刘翠哲 (78)

· 药理 ·

青蒿素及其衍生物对破骨细胞分化作用的比较分析

吴宣, 苏晓慧, 孟翔鹤, 王鑫, 孔祥英, 林娜 (84)

基于 NLRP3 炎性体轴土茯苓总黄酮对痛风性关节炎的作用和机制

金晓敏, 张晓熙, 郭璐, 李杨蕾, 邢梦雨, 田崇梅, 夏道宗 (90)

白藜芦醇调节 TRPC1/STIM1 介导的 SOCC 抗动脉粥样硬化机制

刘海梅, 闫福曼, 徐进文, 周乐全, 伍志学, 张韧, 刘娜 (96)

二至丸对未成熟小鼠雌激素样作用分析

郑红霞, 赵元, 徐颖, 林娜 (103)

从 bFGF/Akt/Caspase 通路探讨生肌象皮膏促进糖尿病大鼠溃疡愈合的机制

石慧青, 李巧芬, 翟仰魁, 田翰林, 常柏 (108)

糖络宁对 DPN 大鼠和雪旺细胞内质网应激 PERK 通路的影响

高变娥, 姚伟洁, 杨鑫伟, 史浩田, 朱笳悦, 刘仁慈, 许利平 (115)

肺脾两虚型 COPD 模型大鼠下丘脑、胃组织 Ghrelin 及其受体的表达变化

孙杰, 桑凯, 王东晓, 马泉, 柳志清 (124)

芪参益气滴丸对心梗后大鼠心功能及心肌纤维化相关蛋白表达的影响

赵桂峰, 吴丽玉, 许传嘉 (131)

龙血竭对实验树鼩体外心肌缺血再灌注模型的影响

杨天睿, 张荣平, 穆宁晖 (137)

白藜芦醇苷对人类乳腺癌 MCF-7 细胞增殖的影响及其机制

覃庆洪, 黄敏, 谭启杏, 练斌, 韦长元 (143)

钩吻总碱对人结肠癌细胞增殖、凋亡的影响及其机制

林满遍, 陈亮, 吴水生 (149)

益气活血解毒方对小鼠卵巢癌 ID-8 细胞株增殖及血管生成过程的影响

李怡帆, 李娟, 卢雯平 (154)

· 毒理 ·

醋甘遂不同提取物对斑马鱼幼鱼的毒性

罗隽, 梅雪, 夏青, 冯娅茹, 王雨彤, 李二文, 邹迪新, 马志强, 林瑞超 (160)

· 临床 ·

芩黄合剂治疗虚实夹杂型非霍奇金淋巴瘤的临床疗效评价
张洪, 吕玲玲, 朱伟嵘, 赵夏, 王黎, 赵维莅, 阮铭, 张惟郁, 陈敬贤, 郑岚, 沈小珩 (167)

加味八珍汤联合放化疗对中晚期宫颈癌疗效及对患者 T 细胞亚群水平、血清肿瘤标志物表达及生存期的影响
宋晓婕, 周艳艳, 赵莉娜 (174)

苇茎汤合麻杏石甘汤加减治疗卒中相关性肺炎痰热蕴肺证疗效及对患者外周血 T 淋巴细胞亚群、血清炎症因子的影响
向茜, 熊昕 (180)

益气解毒消癌方联合化疗治疗晚期转移性结直肠癌脾虚瘀毒证的临床观察
钱美芬, 唐海军, 张曦尧, 赵慧 (185)

茵陈五苓散加味对恶性梗阻性黄疸术后湿热蕴结证患者的减黄护肝作用
许志娟, 孔晔宏, 李秀轻, 郝巍 (191)

益气祛风汤雾化吸入治疗鼻鼾肺气虚寒证的临床观察
胡安梅, 雷霆, 赵颜俐, 雷刚 (197)

· 考证 ·

蒙古族药巴特日-7 方解、方源及临床应用
李淑艳, 王玉华, 布日额, 李桂花 (203)

· 综述 ·

石斛资源分子水平研究进展
丁鸽, 张代臻, 丁小余 (208)

炮制对雷公藤毒效及其化学成分影响的研究进展
蒋且英, 罗素花, 杨瑞昆, 舒积成, 张锐, 刘建群 (216)

山药历史源流分析及其标准体系构建
王宁宁, 戴莹, 袁一平, 郭兆娟, 孔李婷, 贾晓玉, 翟华强, 孔祥文, 单晓松 (222)

雷公藤配伍减毒研究进展
陶玲, 管咏梅, 陈丽华, 肖芳, 金晨, 臧振中 (229)

· 信息 ·

“传承、融合、创新、发展”——2017 年中华中医药学会心血管病分会学术年会暨云南第一届杏林柳叶刀心脏论坛在昆明召开 (封二、封三)

[期刊基本参数] CN11-3495/R * 1995 * s * 16 * 234 * zh * P * ¥48.00 * 5000 * 37 * 2018-04

本期责任编辑: 刘德文

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly

Established in October, 1995

Vol. 24 No. 4

February 2018

Responsible Institution

State Administration of Traditional Chinese Medicine
(No. 1, Congtixilu, 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

Correlation Analysis of Inhalation Performance of

Reduning Inhalation Solution

LUO Gan, TAO Yong-hua, LI Cui, WANG Guo-hua,
NIE Qi-xia, ZHANG Bao-xian (1)

Differences Studied on Mechanism of Long-term Toxicity in

Rats of Myristicae Semen After and Before Being

Processed with Wheat Bran Based on Urinary

Metabonomics

WANG Jing, CHEN Yue, YUAN Zi-min, JIA Tian-zhu (8)

Effective Components in Buyang Huanwu Tang on Neuron-like

PC12 Cells by UPLC-MS/MS Combined with Cell

Membrane Solid-phase Chromatography

ZHENG Hua-zhu, WANG Li-sheng, WU Yin-ai,
FAN You-ming, MENG Ying-jiao, SHEN Xiao (14)

Optimization of Main Extraction Process of Xiaochuan

Prescription Based on Allergic Asthma Model of Rats

KANG Xiao-dong, CHANG Xiu-juan, HU Han-fei,
ZHOU En-li, FU Juan, WANG Xing-xing, LI Miao,
WU Yun, XIAO Wei (21)

Comparison of Genomic DNA Extraction Methods for

Ranae Oviductus

LIU Jian-hui, SHI Lin-chun, TANG Xian-ming,
WANG Yang, WANG Shu (27)

Genetic Differences of Phenotype of Chemical Mutagen of

Desmodium styracifolium and SRAP

TANG Xiao-min, CHENG Xuan-xuan, ZHANG Chun-rong,
MEI Ling-feng, YANG Quan (32)

Screening of Potentially Pathogenic Endophytic Fungi of

Salvia miltiorrhiza and Analysis of Their Relevant

Enzymatic Characteristics

LIN Ya-li, HUANG Qian-qian, YAN Zhu-yun, CHEN Xin,
WANG Hai, HE Dong-mei, HAN Gui-qi (38)

Variation Patterns of Contents of Water-soluble Extractives and Esculentoside A and Selection of Superior Germplasms in <i>Phytolacca acinosa</i>	
ZHOU Kai-lin, LYU Wei-qi, TANG Cheng-ling	(44)
Relationship Between Physiological Index and Yield of Tetraploid <i>Scutellariae baicalensis</i>	
CHAI Jun-wen, GUO Liu, CHEN Hong-gang, DU Tao, LIAN Zhong-xue	(51)
Isolation and Identification of Chemical Constituents from <i>Artocarpus nigrifolius</i>	
LIU Xi, WANG Yong, KUANG Xiao-dong, REN Gang, HE Xiao-ru, FENG Li-hua, WANG Bin, ZHOU Zhi-wang	(56)
Structural Analysis and Immune Activity Determination of Polysaccharide from <i>Glycyrrhiza inflata</i>	
Palida·Abulizi, Mirensa·Yakufu, CHEN Cheng, CONG Yuan-yuan	(66)
Identification of Metabolites of Dendrobine in Human Liver Microsomes by UPLC/LTQ-Orbitrap-MS	
LU Yan-liu, HUANG Si, WANG Min, QIU Min, WU Qin, LU Yuan-fu, HE Yu-qi	(72)
Comparison of Intestinal Absorption Kinetics and Pharmacokinetics of Baicalin Magnesium Salt and Baicalin	
XU Hai-jian, LIU Yi-xin, LIU Xi-gang, CHANG Jin-hua, SONG Hong-ru, LIU Cui-zhe	(78)
Effect of Artemisinin and Artemisinin Derivatives in Differentiating Osteoclasts	
WU Xuan, SU Xiao-hui, MENG Xiang-he, WANG Xin, KONG Xiang-ying, LIN Na	(84)
Effect and Mechanism of Total Flavonoids from <i>Smilacis Glabrae Rhizoma</i> in Treatment of Gouty Arthritis Based on NLRP3 Inflammasomes Axis	
JIN Xiao-min, ZHANG Xiao-xi, GUO Lu, LI Yang-lei, XING Meng-yu, TIAN Chong-mei, XIA Dao-zong	(90)
Effect of Resveratrol in Regulating TRPC1/STIM1-mediated SOCC to Inhibit Atherosclerosis	
LIU Hai-mei, YAN Fu-man, XU Jin-wen, ZHOU Le-quan, WU Zhi-xue, ZHANG Ren, LIU Na	(96)
Estrogenic Effect of Erzhiwan on Immature Mice	
ZHENG Hong-xia, ZHAO Yuan, XU Ying, LIN Na	(103)
Mechanism of Shengji Xiangpi Mastic in Promoting Wound Healing in Rats with Diabetic Ulcer Through bFGF/Akt/Caspase Pathway	
SHI Hui-qing, LI Qiao-fen, ZHAI Yang-kui, TIAN Han-lin, CHANG Bai	(108)
Effect of Tangluoning on Endoplasmic Reticulum Stress PERK Pathway in Diabetic Peripheral Neuropathy Rats and Schwann Cells	
GAO Bian-e, YAO Wei-jie, YANG Xin-wei, SHI Hao-tian, ZHU Jia-yue, LIU Ren-hui, XU Li-ping	(115)
Expressions of Ghrelin and Its Receptors in Hypothalamus and Gastrointestinal Tract of Lung and Spleen Deficiency-type Chronic Obstructive Pulmonary Disease Model Rats	
SUN Jie, SANG Kai, WANG Dong-xiao, MA Quan, LIU Zhi-qing	(124)
Effect of Qishen Yiqi Dripping Pill on Oncardiac Function and Myocardial Fibrosis Associated Protein of Myocardial Infarction in Rats	
ZHAO Gui-feng, WU Li-yu, XU Chuan-jia	(131)
Effect of <i>Dracaena Cochinchinensis Resina</i> on Experimental Tree Shrews' Myocardial Ischemia Reperfusion Model <i>in Vitro</i>	
YANG Tian-rui, ZHANG Rong-ping, MU Ning-hui	(137)
Effect of Polydatin on MCF-7 Cells Proliferation and Its Underlying Mechanism	
QIN Qing-hong, HUANG Min, TAN Qi-xing, LIAN Bin, WEI Chang-yuan	(143)

Effect and Mechanism of Total Alkaloids of <i>Gelsmium elegans</i> on Human Colonic Carcinoma Cells Proliferation and Apoptosis	
LIN Man-bian, CHEN Liang, WU Shui-sheng	(149)
Effect of Yiqi Huoxue Jiedu Decoction on Proliferation of Ovarian Cancer ID-8 Cells and Angiogenesis	
LI Yi-fan, LI Juan, LU Wen-ping	(154)
Toxicity of Different Vinegar-preparing Kansui Radix Extracts on Zebrafish Larvae	
LUO Jun, MEI Xue, XIA Qing, FENG Ya-ru, WANG Yu-tong, LI Er-wen, ZOU Di-xin, MA Zhi-qiang, LIN Rui-chao	(160)
Clinical Efficacy of Qinhuang Mixture in Treating Non-Hodgkin Lymphoma with Syndrome of Intermingled Deficiency and Excess	
ZHANG Hong, LYU Ling-ling, ZHU Wei-rong, ZHAO Xia, WANG Li, ZHAO Wei-li, RUAN Ming, ZHANG Wei-yu, CHEN Jing-xian, ZHENG Lan, SHEN Xiao-heng	(167)
Clinical Efficacy of Modified Bazhentang Combined with Radiotherapy and Chemotherapy in Treating Middle and Advanced Cervical Cancer and Effect on T-cell Subset, Serum Tumor Markers and Survival	
SONG Xiao-jie, ZHOU Yan-yan, ZHAO Li-na	(174)
Clinical Efficacy of Weijingtang Combined with Maxing Shigan Tang and Effect on T cell Subset and Inflammatory Cytokines in Treating Stroke-associated Pneumonia with Phlegm-hot in Lung	
XIANG Qian, XIONG Xin	(180)
Clinical Observation on Yiqi Jiedu Xiaoi Decoction and Chemotherapy for Treatment of Advanced Metastatic Colorectal Cancer with Stagnated-toxin Spleen Deficiency Syndrome	
QIAN Mei-fen, TANG Hai-jun, ZHANG Xi-yao, ZHAO Hui	(185)
Effect of Modified Yincheng Wuling San in Decreasing Jaundice and Protecting Liver After Surgery of Percutaneous Transhepatic Cholangial Drainage	
XU Zhi-juan, KONG Ye-hong, LI Xiu-qing, HAO Wei	(191)
Clinical Observation of Atomization and Inhalation Therapy of Yiqi Qufeng Decoction for Symptoms and Quality of Life of Patients with Biqu and Deficiency-cold of Lung Qi	
HU An-mei, LEI Xia, ZHAO Yan-li, LEI Gang	(197)
Explanation and Source of Prescription and Clinical Application of Bateria-7	
LI Shu-yan, WANG Yu-hua, BU Ri-e, LI Gui-hua	(203)
Molecular Level of <i>Dendrobium</i> Resources	
DING Ge, ZHANG Dai-zhen, DING Xiao-yu	(208)
Progress in Research on Effect of Processing on Toxicity, Activity and Constituent of <i>Tripterygium wilfordii</i>	
JIANG Qie-ying, LUO Su-hua, YANG Rui-kun, SHU Ji-cheng, ZHANG Rui, LIU Jian-qun	(216)
Analysis on Historical Origin of Dioscoreae Rhizoma and Preliminary Construction of Its Standard System	
WANG Ning-ning, DAI Ying, YUAN Yi-ping, GUO Zhao-juan, KONG Li-ting, JIA Xiao-yu, ZHAI Hua-qiang, KONG Xiang-wen, SHAN Xiao-song	(222)
Research Progress on Detoxicity by <i>Tripterygii Radix et Rhizoma</i> Compatibility	
TAO Ling, GUAN Yong-mei, CHEN Li-hua, XIAO Fang, JIN Chen, ZANG Zhen-zhong	(229)

Responsible editor: LIU De-wen

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

ISSN 1005-9903



万方数据