



中华中医药学会系列期刊



CSCD来源期刊(核心库)
中国中文核心期刊
中国科技核心期刊
中医药科技期刊分级目录T1级期刊
RCCSE权威学术期刊(A+)
《日本科学技术振兴机构数据库》(JST)
菲律宾《WHO西太平洋地区医学索引》(WPRIM)
美国《乌利希期刊指南》(Ulrich's PD)



QK2002546

ZHONGGUO

SHIYAN

FANGJIXUE

ZAZHI

中国实验方剂学杂志

— Chinese Journal of Experimental Traditional Medical Formulae —

本期推荐

· 经典名方药味考证及方法研究

在探讨药味考证方法的基础上, 该文从基原、产地、代用品和易混品4个方面, 对国家中医药管理局发布的《古代经典名方目录(第一批)》中100首经典名方涉及药味进行分析, 为经典名方中药味基原和产地的选择提供参考, 从而保证经典名方用药准确、安全有效。

6
2020

2020年3月
March

第26卷
Vol.26

第6期
No.6



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 26 卷 第 6 期 2020 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
广告代理 数源汇通(北京)医药科技有限公司
北京市海淀区西三环北路 11 号
海通时代商务中心 A1 栋
电话:(010)68469866
传真:(010)68469886
印刷 北京博海升彩色印刷有限公司
(101102 北京通州区环宇路 6 号)
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
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

· 经典名方 ·
经典名方药味考证及方法研究
王淳, 陈士林, 宋志前, 宁张弛, 万晓莹, 梁东蕊,
彭诗涛, 刘振丽 (1)
《金匱要略》鳖甲煎丸临床应用的古今文献研究
刘思鸿, 李莎莎, 侯酉娟, 李斌, 董燕, 李兵 (12)
酸枣仁汤对慢性睡眠剥夺大鼠学习记忆及 TLR4/NF-κB
信号通路的影响
吴东南, 丁瑞丛, 纪可, 王平, 刘玲 (18)
黑逍遥散对 APP/PS1 双转基因小鼠海马和脑皮层
CaMK II α 蛋白及其磷酸化表达的影响
马春林, 吴红彦, 段永强, 施丽娟, 廖云立 (25)
黄精丸对阿尔茨海默病大鼠大脑的抗氧化作用及 Aβ1-42,
APP 蛋白表达的影响
杨晶莹, 肖移生, 姜劼琳, 高萌, 侯吉华 (32)
基于 NF-κB 信号通路探究活血定痛方对心肌缺血再灌注
损伤动物模型的保护作用
周玥, 钟杭, 李成朋, 刘冰 (39)
· 药理 ·
吴茱萸碱对高脂血症小鼠脂质代谢的影响
杨奕樱, 刘明, 胡婧晔, 张曼, 罗英婷, 杨慧云,
赵小琴 (46)
白及多糖对 GU 模型大鼠胃组织 PI3K/Akt 的影响
巩子汉, 王艳威, 段永强, 王强, 付晓艳, 白敏,
马骏, 白彦丽, 司晓丽 (52)

龙胆苦苷对佐剂性关节炎大鼠的抗炎作用	
谢小倩, 李贺, 王亚乐, 刘晶晶, 万志杰, 罗沙沙, 赵则月, 李晓天	(58)
3 种冰片防治给药对 AMI 模型大鼠的心肌保护作用	
樊亚梅, 王立映, 王建, 张芙蓉, 付尹, 杨显娟, 郭晓庆, 龚道银	(64)
佛手柑内酯通过 PI3K/Akt 信号通路诱导人肝癌细胞 HepG2 和 Hep3B 凋亡的机制	
赵丽萍, 王超, 田男, 范春雷	(73)
· 临床 ·	
通窍活血汤加减联合支架取栓术治疗急性脑血管闭塞的临床观察	
王改凤, 刘志华, 姬令山, 程率芳	(79)
龙胆泻肝汤治疗湿热瘀结型盆腔炎性不孕的疗效及作用机制	
李姣, 林洁	(85)
治胃丸治疗 Hp 相关性胃炎肝胃气滞证的临床观察	
肖淑红, 刘建浩, 刘德喜, 薛娟	(91)
四妙散加味对膝关节滑膜炎湿热阻络证患者关节液炎性因子和神经肽物质的影响	
胡华, 李连泰, 刘艳伟, 王书君, 谢双喜, 孙建君	(97)
· 药物代谢 ·	
芍药甘草汤主要成分在正常及多囊卵巢综合征大鼠尿液和粪便中的代谢产物分析	
郭一婷, 程瑶, 邵云云, 刘俊瑾, 冯小娟, 张京平, 侯锐刚	(103)
· 药学基础 ·	
5 种大孔吸附树脂对淫羊藿总黄酮的吸附特性考察	
杨茹, 刘聪燕, 许婷, 李瑞云, 陈彦	(113)
四味土木香散化学成分 HPLC-Q-Exactive-MS/MS 高分辨质谱快速分析鉴定	
李晓娜, 董馨, 李娜, 张男, 毛佳宝, 包保全, 张屏	(121)
黄芪中黄芪甲苷含量测定的新方法探讨	
杜茂波, 张敏, 沈硕, 刘淑芝	(132)
不同产地五加皮药材 UPLC 指纹图谱分析	
王东晗, 梁宇飞, 张欣欣, 赵丽艳, 李亚鑫, 张万明, 张丹参	(138)
不同包装、储藏处理羌活饮片的 UPLC 指纹图谱	
何微微, 晋玲, 王莉	(144)
川赤芍的化学成分分离鉴定	
亓超, 郑重飞, 李莹, 崔雪, 姚庆强	(152)

基于颜色匹配模板的中药饮片图像识别	
陈仕妍, 卢文彪, 王凤梅	(158)
光果甘草 <i>GgUGE</i> 基因的克隆和序列分析	
侯嘉铭, 田少凯, 杨林, 张智新, 高智强, 王汉卿, 刘颖	(163)
· 数据挖掘 ·	
丹参相关保健食品的应用情况分析	
王艳宏, 樊建, 李洪晶, 栾宁, 盛开, 陈大忠	(168)
基于系统评价的半夏厚朴汤剂量折算验证	
施铮, 陈仁寿, 韩江, 池志恒, 温雯婷	(178)
当归四逆汤治疗肝细胞癌作用机制的网络药理学分析	
刘泽宇, 万字翔, 黄金昶	(185)
· 学术探讨 ·	
岭南中药炮制特色探析	
孟江, 张英, 曹晖, 王孝涛	(193)
· 综述 ·	
毒理学技术在中药保健食品评价应用中的研究进展	
李晗, 张广平, 雷蕾, 陈腾飞, 叶祖光	(201)
藏族药绿萝花的药用功效研究进展	
李梅, 吴丽丽, 秦灵灵, 胡玉立, 秦田雨, 丁雷, 刘铜华	(209)
芍药甘草汤的历史沿革与现代研究	
曲缘章, 马生军, 朱广伟, 万林春, 孙博, 李雅静, 郭杰, 徐腾腾, 常阿倩, 李刚, 杨林勇, 李宝国	(216)
产丁酸菌调节肠道微生态及中药的干预作用研究进展	
许真源, 李小雅, 许雅青, 乔波, 陈静, 袁嘉丽	(226)
胡椒的化学成分与药理作用研究进展	
于岚, 郝正一, 胡晓璐, 曹宗喜, 曹兵, 吴霞	(234)
逍遥散及其类方与有效成分抗抑郁作用机制研究进展	
李传朋, 刘玉, 魏品球, 吴海滨, 秦秀德	(243)

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly Established in October, 1995 Vol. 26 No. 6 2020

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, Yinghuayuangdongjie, Chaoyang District, Beijing, 100029)

Editor-in-Chief
WU Yi-ling

Edited and Published by
Editorial Office of Chinese Journal of Experimental Traditional Medical Formulae
(No. 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 BOHS Colour Printing Co. Ltd.
(No. 6, Huanyu Road, Tongzhou District, Beijing, 101102)

Domestic Subscription
Distributed by Beijing Subscription Bureau
(No. 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
(No. 16, Nanxiaojie, Dongzhimennei, Beijing, 100700)
Tel: (010)84076882

ISSN 1005-9903
CN 11-3495/R

CONTENTS IN BRIEF

Research on Textual Research and Methods of Chinese Herbs in Famous Classical Formulas
WANG Chun, CHEN Shi-lin, SONG Zhi-qian, NING Zhang-chi, WAN Xiao-ying, LIANG Dong-rui, PENG Shi-tao, LIU Zhen-li (1)

Ancient and Modern Literature on Clinical Application of Biejia Jianwan in *Medical Treasures of the Golden Chamber*
LIU Si-hong, LI Sha-sha, HOU You-juan, LI Bin, DONG Yan, LI Bing (12)

Effect of Suanzaoren Tang on Learning Memory and TLR4/NF-κB Signaling Pathway in Rats with Chronic Sleep Deprivation
WU Dong-nan, DING Rui-cong, JI Ke, WANG Ping, LIU Ling (18)

Effect of Hei Xiaoyaosan on Expression of CaMK II α Protein and Its Phosphorylation in Hippocampus and Cerebral Cortex of APP/PS1 Double Transgenic Mice
MA Chun-lin, WU Hong-yan, DUAN Yong-qiang, SHI Li-juan, LIAO Yun-li (25)

Effect of Huangjingwan on Antioxidant Functions and Aβ₁₋₄₂ and APP Protein Expressions in Brain of Alzheimer's Disease Rats
YANG Jing-ying, XIAO Yi-sheng, JIANG Jie-lin, GAO Meng, HOU Ji-hua (32)

Protective Effect of Huoxue Dingtong Prescription on Myocardial Ischemia Reperfusion Injury in Animal Model Based on NF-κB Signal Pathway
ZHOU Yue, ZHONG Hang, LI Cheng-peng, LIU Bing (39)

Effect of Evodia on Lipid Metabolism in Hyperlipidemia Mice	
YANG Yi-ying, LIU Ming, HU Jing-ye, ZHANG Man, LUO Ying-ting, YANG Hui-yun, ZHAO Xiao-qin	(46)
Effect of Bletillae Rhizoma Polysaccharide on PI3K/Akt in Gastric Tissue of GU Model Rats	
GONG Zi-han, WANG Yan-wei, DUAN Yong-qiang, WANG Qiang, FU Xiao-yan, BAI Min, MA Jun, BAI Yan-li, SI Xiao-li	(52)
Anti-inflammatory Effect of Gentiopicroside in Adjuvant-induced Arthritis Rats	
XIE Xiao-qian, LI He, WANG Ya-le, LIU Jing-jing, WAN Zhi-jie, LUO Sha-sha, ZHAO Ze-yue, LI Xiao-tian	(58)
Cardioprotective Effect of Three Borneol Prevention and Administration on AMI Model Rats	
FAN Ya-mei, WANG Li-ying, WANG Jian, ZHANG Ying-rui, FU Yin, YANG Xian-juan, GUO Xiao-qing, GONG Dao-yin	(64)
Effect of Bergapten on Apoptosis of HepG2 and Hep3B Cells Through PI3K/Akt Pathway	
ZHAO Li-ping, WANG Chao, TIAN Nan, FAN Chun-lei	(73)
Clinical Efficacy of Modified Tongqiao Huoxuetang Combined with Stent Thrombectomy in Treatment of Acute Cerebrovascular Occlusion	
WANG Gai-feng, LIU Zhi-hua, JI Ling-shan, CHENG Shuai-fang	(79)
Clinical Efficacy and Mechanism of Longdan Xiegan tang in Treatment of Pelvic Inflammatory Infertility	
LI Jiao, LIN Jie	(85)
Clinical Observation of Zhiwei Pills for Gastritis Caused by Helicobacter Pylori with Syndrome of Stagnation in Liver and Stomach Qi	
XIAO Shu-hong, LIU Jian-hao, LIU De-xi, XUE Juan	(91)
Effect of Modified Simiaosan on Inflammatory Factors and Neuropeptide Substances of Patients with Synovitis of Knee Joint and Damp-heat Obstruction Collateral Syndrome	
HU Hua, LI Lian-tai, LIU Yan-wei, WANG Shu-jun, XIE Shuang-xi, SUN Jian-jun	(97)
Analysis on Metabolites of Major Components of Shaoyao Gancaotang in Urine and Feces of Normal and Polycystic Ovary Syndrome Rats	
GUO Yi-ting, CHENG Yao, SHAO Yun-yun, LIU Jun-jin, FENG Xiao-juan, ZHANG Jing-ping, HOU Rui-gang	(103)
Investigation of Adsorption Properties of Five Macroporous Resins for Total Flavonoids in Epimedii Folium	
YANG Ru, LIU Cong-yan, XU Ting, LI Rui-yun, CHEN Yan	(113)
Rapid Analysis and Identification of Chemical Constituents from Siwei Tumuxiang San by HPLC-Q-Exactive-MS/MS	
LI Xiao-na, DONG Xin, LI Na, ZHANG Nan, MAO Jia-bao, BAO Bao-quan, ZHANG Ping	(121)
New Method for Determination of Astragaloside IV in Astragali Radix	
DU Mao-bo, ZHANG Min, SHEN Shuo, LIU Shu-zhi	(132)

UPLC Fingerprint Analysis of Acanthopanax Cortex from Different Origins

WANG Dong-han, LIANG Yu-fei, ZHANG Xin-xin, ZHAO Li-yan, LI Ya-xin, ZHANG Wan-ming, ZHANG Dan-shen (138)

UPLC Fingerprint of Notopteryg Rhizoma et Radix Pieces with Different Packaging and Storage Treatments

HE Wei-wei, JIN Ling, WANG Li (144)

Isolation and Identification of Chemical Constituents from Paeonia veitchii

QI Chao, ZHENG Zhong-fei, LI Ying, CUI Xue, YAO Qing-qiang (152)

Image Recognition of Chinese Herbal Pieces Based on Color Matching Template

CHEN Shi-yan, LU Wen-biao, WANG Feng-mei (158)

Molecular Cloning and Sequence Analysis of GgUGE Gene in Glycyrrhiza glabra

HOU Jia-ming, TIAN Shao-kai, YANG Lin, ZHANG Zhi-xin, GAO Zhi-qiang, WANG Han-qing, LIU Ying (163)

Analysis on Application of Salviae Miltiorrhizae Radix et Rhizoma Related Health Food

WANG Yan-hong, FAN Jian, LI Hong-jing, LUAN Ning, SHENG Kai, CHEN Da-zhong (168)

Validation of Dose Conversion of Banxia Houputang Based on Systematic Evaluation

SHI Zheng, CHEN Ren-shou, HAN Jiang, CHI Zhi-heng, WEN Wen-ting (178)

Network Pharmacology Study on Mechanism of Danggui Sinitang in Treating Hepatocellular Carcinoma

LIU Ze-yu, WAN Yu-xiang, HUANG Jin-chang (185)

Analysis on Lingnan Characteristic Processing of Traditional Chinese Medicine

MENG Jiang, ZHANG Ying, CAO Hui, WANG Xiao-tao (193)

Toxicological Technology in Evaluation and Application of Traditional Chinese Medicine Healthcare Food

LI Han, ZHANG Guang-ping, LEI Lei, CHEN Teng-fei, YE Zu-guang (201)

Research Progress on Medicinal Effect of Flower of Edgeworthia gardneri

LI Mei, WU Li-li, QIN Ling-ling, HU Yu-li, QIN Tian-yu, DING Lei, LIU Tong-hua (209)

Historical Evolution and Modern Research on Shaoyao Gancatang

QU Yuan-zhang, MA Sheng-jun, ZHU Guang-wei, WAN Lin-chun, SUN Bo, LI Ya-jing, GUO Jie, XU Teng-teng, CHANG A-qian, LI Gang, YANG Lin-yong, LI Bao-guo (216)

Research Progress of Butyrate-producing Bacteria in Regulating Intestinal Microecology and Interventional Effect of Chinese Herbal Medicine

XU Zhen-yuan, LI Xiao-ya, XU Ya-qing, QIAO Bo, CHEN Jing, YUAN Jia-li (226)

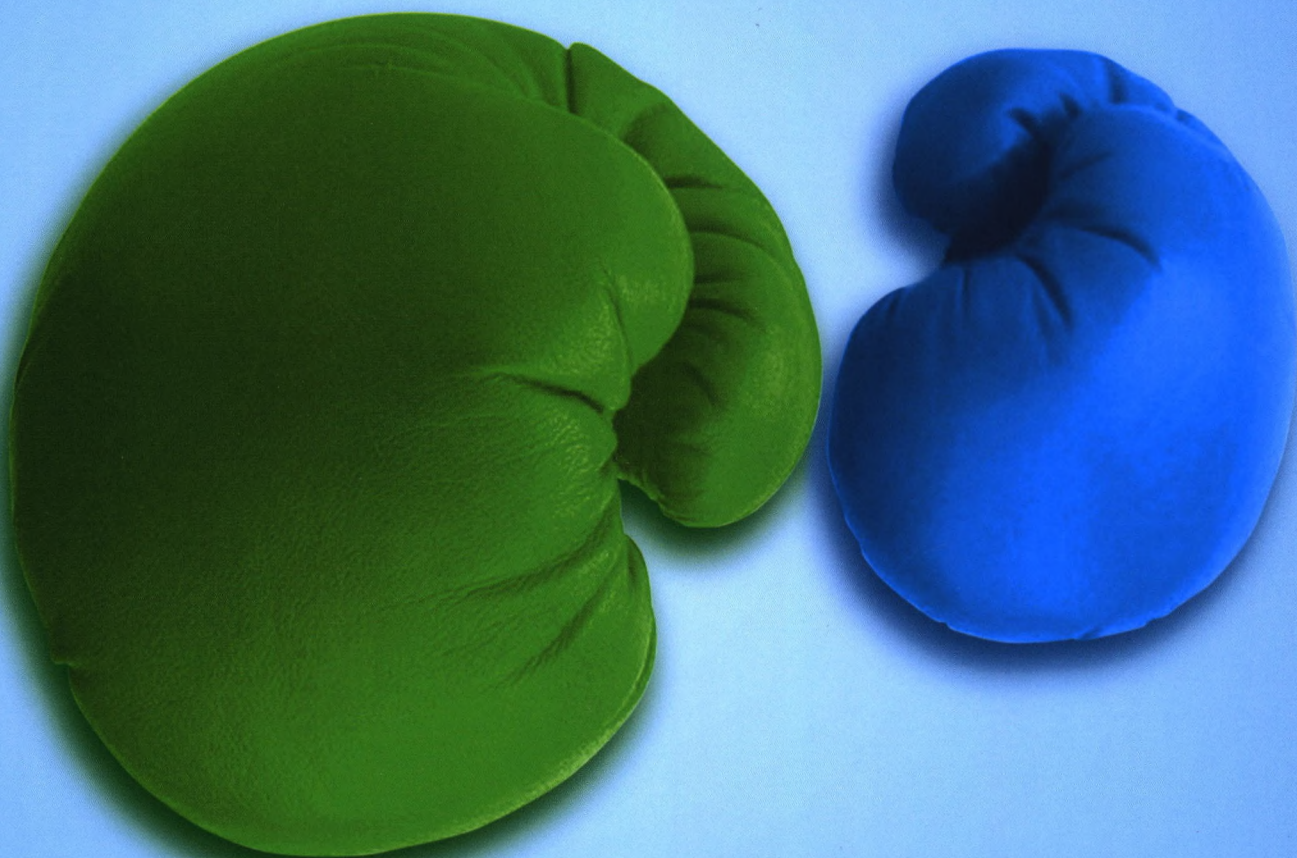
Research Progress on Chemical Constituents and Pharmacological Effects of Piperis Fructus

YU Lan, HAO Zheng-yi, HU Xiao-lu, CAO Zong-xi, CAO Bing, WU Xia (234)

Research Progress on Antidepressant Pathway and Active Ingredients of Xiaoyaosan and Its Analogous Prescriptions

LI Chuan-peng, LIU Yu, WEI Pin-qiu, WU Hai-bin, QIN Xiu-de (243)

Responsible editor: LIU De-wen



三金牌三金片

利湿、解毒、益肾

尿频、尿急、尿痛... 请用三金牌三金片

【功能主治】清热解毒，利湿通淋，益肾。用于下焦湿热所致的热淋、小便短赤、淋沥涩痛、尿急频数；急慢性肾盂肾炎、膀胱炎、尿路感染见上述证候者；慢性非细菌性前列腺炎肾虚湿热下注证。



桂林三金药业股份有限公司

批准文号：国药准字Z45021645 本广告仅供医学药学专业人士阅读 桂药广审(文)第2020010003号 北京市药监局2020年1月准予备案
不良反应：偶见血清丙氨酸氨基转移酶(ALT)、血清天门冬氨酸氨基转移酶(AST)轻度升高，血尿素氮(BUN)轻度升高，血白细胞(WBC)轻度降低。 禁忌：孕妇禁用。

广告