



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



QK1822941

ZHONGGUO

SHIYAN

FANGJIXUE

ZAZHI

中国实验方剂学杂志

— Chinese Journal of Experimental Traditional Medical Formulae —

本期推荐

- 清燥救肺汤“润燥”作用的分子机制
- 药用植物落地生根化学成分与药理作用研究新进展
- 不同配伍组方对麻黄细辛附子汤体外经皮渗透行为的影响
- 温肾方对高ALT水平慢性乙型肝炎肾阳虚证患者TLR4/IL-6信号通路的影响

11 2018

2018年6月 第24卷 第11期
June Vol.24 No.11



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11期 2018年6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

ISSN 1005-9903
中国标准连续出版物号 CN 11-3495/R

广告许可证 京东工商广登字 20170076 号
国内定价 每期 48 元,全年 1152 元

目次

· 药剂与炮制 ·

不同配伍组方对麻黄细辛附子汤体外经皮渗透行为的影响
王艳宏, 赵雪, 刘书博, 关枫, 李伟男, 李永吉,
陈大忠 (1)

4 种不同基原郁金饮片水提液的石油醚提取部位 GC-MS
分析与比较
王雪梅, 石典花, 滕颖, 张学顺, 郝闪闪 (9)

蜘蛛香总缬草三酯自微乳的制备及质量评价
刘开萍, 程盛勇, 郁林娜, 罗喜荣, 杨军, 刘兴赋,
尹航 (16)

采用扫描电镜-能谱仪比较水飞法、水洗法及干研法对
雄黄饮片质量的影响
张慧, 高岩, 熊慧, 薛雪, 刘梦楠, 刘欢, 张颖,
李向日 (22)

北沙参多糖的分离、纯化及其体外免疫活性考察
杜宝香, 相美容, 付业佩, 张静, 蒋海强, 容蓉 (27)

· 资源与鉴定 ·

光果甘草 *CHS* 基因的克隆与多态性分析
高智强, 胡婷, 张晓冬, 尹彦超, 吴晨华, 周姗,
马永生, 刘颖 (32)

三七花及其易混淆品的微性状鉴别
孟祥松, 蒋磊, 于元元, 鞠康, 王伟, 简冬明,
穆二廷, 权春梅, 周建理 (39)

基于谱效关系的朝鲜天南星和东北天南星相似性评价
王帅, 包永睿, 杨欣欣, 李天娇, 孟宪生 (44)

· 化学与分析 ·

新疆青杞的化学成分分离鉴定
崔燕, 李萌, 王戎博, 戴胜军, 李桂生 (49)

非线性化学指纹图谱技术结合高效液相色谱法鉴别天麻产地及活性成分测定	
方宣启, 王芳斌, 周彬彬, 周兴旺, 张建辉, 张继红	(54)
白术-茯苓不同配比药对挥发油成分的 GC-MS 分析	
岳美颖, 于海艳, 周勤梅, 潘媛	(61)
· 药理 ·	
参苓白术散对脾虚湿困型溃疡性结肠炎大鼠结肠 IL-13, IL-23 及 COX-2, CREB 表达的影响	
丁凌辉, 贾育新, 成映霞, 马文, 段永强, 明海霞, 万生芳, 程小丽	(67)
痰热清注射液及 5 种中间体对四氯化碳致急性肝损伤大鼠的保护作用探讨	
龙爽, 刘绍勇, 徐英	(73)
黄芪葛根配伍调节糖尿病大鼠血糖血脂炎症的作用与机制	
刘倩, 范颖, 李新, 刘丽, 李军, 林庶茹, 訾慧	(81)
克癭胶囊对前列腺增生大鼠模型及 Nrf2/ARE 信号通路的影响	
张玲, 谢辉, 颜苗, 何清湖, 樊新荣	(87)
清燥救肺汤“润燥”作用的分子机制	
吴振起, 韩冬阳, 王贵帮, 李晓菲, 张聪聪	(92)
绿茶中咖啡因在正常和糖尿病认知功能障碍大鼠体内的药代动力学及药效学分析	
刘国旗, 刘声菊, 王娇, 李莉, 李兴, 伍庆, 潘卫	(99)
紫花牡荆素与 EGCG 联合应用对肺腺癌 A549 细胞的增殖抑制及凋亡作用	
李霞, 应雪, 闫荷露, 王亚华, 徐浩伦, 刘雪滢, 唐辉	(105)
芦荟大黄素对肝癌 HepG2 细胞生长、迁移及纤维状肌动蛋白的影响	
王晓辉, 王伊林, 靳小石	(110)
泽泻多糖对糖尿病大鼠肝脏糖脂代谢的影响	
钱增堃, 崔凡, 凌云熹, 朱文娟, 李小勤, 茆政, 李敏廷	(117)
补肺益肾方对 TGF- β_1 /BMP-4 诱导的肺血管平滑肌细胞 TGF- β_1 /Smad 信号通路的影响	
任周新, 李建生, 沈俊岭, 梅晓峰, 余海滨, 冯月	(126)
健脾化湿颗粒对 D-IBS 大鼠脑中酪氨酸羟化酶、单胺氧化酶及 5-羟色胺转运体表达的影响	
王迎寒, 吕英超, 刘玉玲, 陈光晖, 张晓峰, 马帅, 程建军, 赵素微	(133)
五味子醋镇静催眠抗焦虑作用及其作用机制	
于泽鹏, 高佳琪, 刘聪, 朱阔, 刘佳乐, 蒋维海, 王春梅, 孙靖辉, 李贺, 陈建光	(139)
糖脂清方通过保护海马神经元对提高 2 型糖尿病大鼠学习记忆能力的影响	
杨晓青, 王旭, 邵鑫	(144)
· 临床 ·	
温肾方对高 ALT 水平慢性乙型肝炎肾阳虚证患者 TLR4/IL-6 信号通路的影响	
张扬, 扈晓宇, 杨芳	(150)

通窍活血方联合氟桂利嗪对气虚血瘀型缺血性卒中患者预后的改善作用	
江颖, 王凯华, 张永全, 方兴, 文晓东, 欧俐羽	(156)
玉屏风散联合督脉铺灸对变应性鼻炎患者血清 IL-6, cAMP, cGMP 的影响	
李泳文, 孙麦青	(163)
补肾益肺化纤方治疗慢性阻塞性肺疾病稳定期合并肺纤维化疗效及对患者肺功能及生活质量的影响	
马蕴蕾, 宿英豪, 于向艳	(168)
加味真武汤辨治慢性心力衰竭阳气亏虚证心肌纤维化的临床观察	
王健, 李芳, 周晓露, 曾庆宁	(173)
银蒲四逆四妙失笑散加减辨治盆腔炎性疾病远期后遗症及对免疫-炎症因子的调节作用	
张秀荣, 郝浩	(179)
· 数据挖掘 ·	
基于 R 语言以当归芍药散为例探究辛润法的组方规律	
陈一君, 林秋珊, 刘颖, 熊森林, 吴庆光	(185)
基于网络药理学的茵陈五苓散作用机制分析	
樊耀华, 欧海亚, 王汉裕, 吕东勇, 连逸青, 侯江涛, 邝卫红	(193)
二至丸抗肝纤维化活性成分-靶点-通路的网络预测	
李跃文, 王博龙	(201)
数据挖掘法浅析中医治疗肺癌用药规律及相关机制	
陈婷婷, 王应天, 田甜	(206)
· 综述 ·	
药用植物落地生根化学成分与药理作用研究新进展	
张美, 刘勇, 黎勇坤, 李莉	(211)
中医药逆转胰腺癌耐药性的研究进展	
王越, 沈灿, 胡正军, 许健	(220)
民族药地稔研究的现状分析	
明惠仪, 麻秀萍, 杨菁, 汪娥	(228)
· 信息 ·	
古代经典名方目录(第一批)	(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 * ¥48.00 * 1000 * 37 * 2018-11

本期责任编辑: 张丰丰

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly

Established in October, 1995

Vol. 24 No. 11

June 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

Influence of Different Compatibility Prescriptions on *in Vitro*

Percutaneous Penetration of Mahuang Xixin Fuzitang

WANG Yan-hong, ZHAO Xue, LIU Shu-bo, GUAN Feng, LI Wei-nan, LI Yong-ji, CHEN Da-zhong (1)

Analysis and Comparison of Petroleum Ether Extracts in

Water Decoction of Curcumae Radix Pieces from Four Different Sources

WANG Xue-mei, SHI Dian-hua, TENG Ying, ZHANG Xue-shun, HAO Shan-shan (9)

Preparation and Quality Evaluation of Self-microemulsion of

Total Valepotriates in Valerianae Jatamansi Rhizoma et Radix

LIU Kai-ping, CHENG Sheng-yong, YU Lin-na, LUO Xi-rong, YANG Jun, LIU Xing-fu, YIN Hang (16)

Comparison of Effect of Water Grinding, Water Washing and

Grinding on Quality of Realgar by Scanning Electron Microscopy-energy Dispersive Spectrometer

ZHANG Hui, GAO Yan, XIONG Hui, XUE Xue, LIU Meng-nan, LIU Huan, ZHANG Ying, LI Xiang-ri (22)

Investigation of Isolation, Purification, Structural

Identification and *in Vitro* Immunological

Function of Polysaccharides in Glehniae Radix

DU Bao-xiang, XIANG Mei-rong, FU Ye-pei, ZHANG Jing, JIANG Hai-qiang, RONG Rong (27)

Molecular Cloning and Polymorphism Analysis of Chalcone

Synthase cDNA in *Glycyrrhiza glabra*

GAO Zhi-qiang, HU Ting, ZHANG Xiao-dong, YIN Yan-chao, WU Chen-hua, ZHOU Shan, MA Yong-sheng, LIU Ying ... (32)

Micro-macroscopical Identification of *Panax notoginseng*

Flower and Its Adulterants

MENG Xiang-song, JIANG Lei, YU Yuan-yuan, JU Kang, WANG Wei, JIAN Dong-ming, MU Er-ting, QUAN Chun-mei, ZHOU Jian-li (39)

Similarity Evaluation of <i>Arisaema peninsulae</i> and <i>Arisaema amurense</i> Based on Spectrum-activity Relationship	
WANG Shuai, BAO Yong-rui, YANG Xin-xin, LI Tian-jiao, MENG Xian-sheng	(44)
Chemical Constituents Identification from <i>Solanum septemlobum</i>	
CUI Yan, LI Meng, WANG Rong-bo, DAI Sheng-jun, LI Gui-sheng	(49)
Identification of Origins and Active Components of Gastrodiae Rhizoma by Nonlinear Chemical Fingerprint Technology and HPLC	
FANG Xuan-qi, WANG Fang-bin, ZHOU Bin-bin, ZHOU Xing-wang, ZHANG Jian-hui, ZHANG Ji-hong	(54)
GC-MS in Analysis of Chemical Composition of Volatile Oil in Different Ratio of Atractylodis Macrocephalae Rhizoma and Poria	
YUE Mei-ying, YU Hai-yan, ZHOU Qin-mei, PAN Yuan	(61)
Effect of Shenling Baizhu San on Expressions of IL-13, IL-23 and COX-2, CREB in Ulcerative Colitis Rats with Spleen Deficiency and Dampness	
DING Ling-hui, JIA Yu-xin, CHENG Ying-xia, MA Wen, DUAN Yong-qiang, MING Hai-xia, WAN Sheng-fang, CHENG Xiao-li	(67)
Protective Effect of Tanreqing Injection and Its Five Intermediates on CCl₄-induced Acute Liver Injury in Rats	
LONG Shuang, LIU Shao-yong, XU Ying	(73)
Effect and Mechanism of Astragali Radix-Puerariae Lobatae Radix Compatibility on Glucose-lipid and Inflammatory of Diabetes Rats	
LIU Qian, FAN Ying, LI Xin, LIU Li, LI Jun, LIN Shu-ru, ZI Hui	(81)
Effects of Kelong Capsule on Benign Prostatic Hyperplasia Rat Model and Nrf2/ARE Signaling Pathway	
ZHANG Ling, XIE Hui, YAN Miao, HE Qing-hu, FAN Xin-rong	(87)
Molecular Mechanism of Qingzao Jiufei Tang for Moistening Dryness	
WU Zhen-qi, HAN Dong-yang, WANG Gui-bang, LI Xiao-fei, ZHANG Cong-cong	(92)
Pharmacokinetics and Pharmacodynamics of Caffeine from Green Tea in Normal and Diabetic Cognitive Dysfunction Rats	
LIU Guo-qi, LIU Sheng-ju, WANG Jiao, LI Li, LI Xing, WU Qing, PAN Wei	(99)
Effect of Combined Application of Casticin and EGCG in Proliferation and Apoptosis of A549 Lung Cancer Cells	
LI Xia, YING Xue, YAN He-lu, WANG Ya-hua, XU Hao-lun, LIU Xue-ying, TANG Hui	(105)
Effect of Aloe-emodin on Growth, Migration and Fibrous Actin of Hepatoma HepG2 Cells	
WANG Xiao-hui, WANG Yi-lin, JIN Xiao-shi	(110)
Effect of Alismatis Rhizoma Polysaccharide on Glucose- lipid Metabolism in Diabetic Rats	
QIAN Zeng-kun, CUI Fan, LING Yun-xi, ZHU Wen-juan, LI Xiao-qin, MAO Zheng, LI Min-ting	(117)
Effect of Bufei Yishenfang on TGF-β_1/Smad Signaling Pathway of Human Pulmonary Arterial Smooth Muscle Cells Induced by TGF-β_1 and BMP-4	
REN Zhou-xin, LI Jian-sheng, SHEN Jun-ling, MEI Xiao-feng, YU Hai-bin, FENG Yue	(126)
Effect of Jianpi Huashi Granule on Tyrosine Hydroxylase, Monoamine Oxidase and Serotonin Transporter Expression in Brain of Rats with Diarrhea-predominant Irritable Bowel Syndrome	
WANG Ying-han, LYU Ying-chao, LIU Yu-ling, CHEN Guang-hui, ZHANG Xiao-feng, MA Shuai, CHENG Jian-jun, ZHAO Su-wei	(133)

Sedative, Hypnotic and Anxiolytic Effect and Mechanism of Schisandrae Chinensis Fructus Vinegar	
YU Ze-peng, GAO Jia-qi, LIU Cong, ZHU Kuo, LIU Jia-le, JIANG Wei-hai, WANG Chun-mei, SUN Jing-hui, LI He, CHEN Jian-guang	(139)
Protective Effect of Tangzhiqing Formula on Learning and Memory Ability and Apoptosis of Hippocampal Neurons in Type 2 Diabetic Rats	
YANG Xiao-qing, WANG Xu, SHAO Xin	(144)
Effect of Wenshen Prescription on TLR4/IL-6 Signaling Pathway in Chronic Hepatitis B Patients with High ALT Level and Kidney Yang Deficiency Syndrome	
ZHANG Yang, HU Xiao-yu, YANG Fang	(150)
Effect of Tongqiao Huoxuefang Combined with Flunarizine on Prognosis of Qixu Xueyu Type Ischemic Stroke Patients	
JIANG Ying, WANG Kai-hua, ZHANG Yong-quan, FANG Xing, WEN Xiao-dong, OU Li-yu	(156)
Effect of Yupingfeng San Combined with Governor Meridian Long-snake Moxibustion on Serum IL-6, cAMP, cGMP in Patients with Allergic Rhinitis	
LI Yong-wen, SUN Mai-qing	(163)
Clinical Efficacy of Bushen Yifei Huaxian Decoction on Chronic Obstructive Pulmonary Disease Complicated with Pulmonary Fibrosis and Its Effect on Lung Function, Inflammatory Mediator and Quality of Life	
MA Yun-lei, SU Ying-hao, YU Xiang-yan	(168)
Clinical Observation of Modified Zhenwutang in Treatment of Chronic Heart Failure Patients with Yang Deficiency Syndrome	
WANG Jian, LI Fang, ZHOU Xiao-lu, ZENG Qing-ning	(173)
Modified Yinpu Sini Simiao Shixiao Palvis on Immune Inflammatory Factors of Patients with Long-term Sequelae of Pelvic Inflammatory Disease	
ZHANG Xiu-rong, HAO Hao	(179)
Analysis of Composition Principles of Xinrun Treatment Based on Danggui Shaoyaosan with R Language	
CHEN Yi-jun, LIN Qiu-shan, LIU Ying, XIONG Sen-lin, WU Qing-guang	(185)
Analysis on Mechanism of Yinchen Wulingsan Based on Network Pharmacology	
FAN Yao-hua, OU Hai-ya, WANG Han-yu, LYU Dong-yong, LIAN Yi-qing, HOU Jiang-tao, KUANG Wei-hong	(193)
Network Prediction of Active Ingredient-target-pathway of Erzhiwan Against Liver Fibrosis	
LI Yue-wen, WANG Bo-long	(201)
Medication Regularity and Mechanism of Traditional Chinese Medicine in Treating Lung Cancer	
CHEN Ting-ting, WANG Ying-tian, TIAN Tian	(206)
New Research Progress for Chemical Compositions and Pharmacological Effect of <i>Bryophyllum pinnatum</i>	
ZHANG Mei, LIU Yong, LI Yong-kun, LI Li	(211)
Effect of Traditional Chinese Medicine in Reversal of Pancreatic Cancer Drug Resistance	
WANG Yue, SHEN Can, HU Zheng-jun, XU Jian	(220)
Research Status of <i>Melastoma dodecandrum</i>	
MING Hui-yi, MA Xiu-ping, YANG Jing, WANG E	(228)

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

ISSN 1005-9903



9 771005 990184

万方数据