



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+)



ZHONGGUO

SHIYAN

FANGJIXUE

ZAZHI

中国实验方剂学杂志

— Chinese Journal of Experimental Traditional Medical Formulae —

本期推荐

· 络学说营卫理论指导血管病变防治研究

汲取 2 项国家 973 计划项目研究成果，系统构建指导血管病变防治的络学说，提出营卫理论。证实络保护“孙络-微血管”是治疗心、脑、(糖)肾重大疾病共性关键机制，提出保护微血管内皮细胞是解决微血管病变难题的新策略，4 项循证研究解决急性心梗无再流、心功能不全伴室性早搏、窦缓伴早搏、慢性心衰临床难题。

· 基于复杂系统的冠心病痰瘀滞虚理论及临证应用

冠心病的中医治疗历史上经历了温阳散寒、行气化痰、活血化瘀的变化趋势，其时空发展符合复杂系统理论。针对现代冠心病人群，创新性提出痰瘀滞虚理论，以指导临床提高疗效。

1
2019

2019年1月
January

第25卷
Vol.25

第1期
No.1



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

杂志官方微信

中国实验方剂学杂志

Zhongguo Shiyang Fangjixue Zazhi

半月刊

1995年10月创刊

第25卷

第1期

2019年1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:syfx_2010@188.com

网址:www.syfxzz.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

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

· 专论 ·

络病学说营卫理论指导血管病变防治研究

吴以岭, 贾振华, 常丽萍, 魏聪 (1)

基于复杂系统的冠心病痰瘀滞虚理论及临证应用

王阶, 陈光 (11)

· 铁皮石斛种质资源专题 ·

铁皮石斛种质资源 DNA 身份证的构建及遗传相似性分析

余文霞, 雷霄熙, 袁媛, 吴玉林, 顺庆生, 魏刚,
胡柳萍, 胡菊婷, 黄璐琦 (16)

铁皮石斛黄酮苷类成分 HPLC 特征图谱优化及不同种源
特征性分析

梁芷韵, 谢镇山, 黄月纯, 袁媛, 周楚娟, 王雅文,
魏刚 (22)

丹霞种、云南广南种铁皮石斛中主要黄酮苷的分离鉴定

张小凤, 周春花, 张龙开, 蒋梅, 谢镇山, 袁媛,
黄月纯, 罗颖懿, 魏刚 (29)

铁皮石斛与霍山石斛中甘露糖、葡萄糖及柚皮素的含量
比较

王雅文, 梁芷韵, 谢镇山, 叶家宏, 欧斯建, 周楚娟,
袁媛, 黄月纯, 魏刚 (35)

铁皮石斛共性黄酮类成分新西兰牡荆苷 II 的体外抗氧化
与诱导 HepG2 细胞凋亡的作用

罗颖懿, 李运容, 雷霄熙, 袁媛, 黄月纯, 魏刚 (43)

· 抗纤灵方治疗肾纤维化疾病专题 ·

抗纤灵方抗肾纤维化作用研究进展

吉晶, 何立群 (51)

抗纤灵方对 5/6 肾切除大鼠肾纤维化及 ACE-Ang II -AT1R 轴的影响	
吉晶, 何立群	(57)
抗纤灵方对肾纤维化大鼠肾功能及肾组织 ECM 表达的影响	
吉晶, 何立群	(63)
抗纤灵方对肾纤维化大鼠 TGF- β_1 /Smad 信号通路表达的影响	
吉晶, 何立群	(69)
· 经典名方 ·	
基于 Cx32 探讨六味地黄丸增效自杀基因抗肝癌的缝隙连接机制	
易华, 苏俊芳, 李雪, 吴绍峰, 赵婷秀, 李巧, 邹一丹, 林国莉, 杜标炎	(76)
理冲汤加减联合 5-氟尿嘧啶对 H22 荷瘤小鼠移植瘤上皮间质转化的影响	
王惠, 吴坚, 陈敏, 刘沈林, 徐陆周	(82)
人参四逆汤及其有效成分对戊巴比妥钠所致心肌细胞损伤模型的保护作用	
李硕, 苏萍, 张广平, 陈腾飞, 马丽娜, 李晗, 侯红平, 张钟秀, 杨依霏, 高云航, 宋玲, 叶祖光	(90)
生慧汤对慢性睡眠剥夺小鼠学习记忆及海马 IL-6, TNF- α , COX-2 基因表达的影响	
尹超, 游秋云, 张美娅, 丁莉	(96)
温胆汤对精神分裂症模型大鼠海马组织 PI3K, Akt 和 GSK3 β 的影响	
朱金华, 徐义勇, 万红娇, 孙昊鑫, 徐佳, 吴帆, 周国佩	(101)
虎潜丸加减治疗类风湿关节炎肝肾阴虚证的临床观察	
展俊平, 谷慧敏, 孟庆良, 左瑞庭, 杜旭召, 王慧莲, 周子鹏, 苗喜云, 范围	(107)
复元活血汤对瘀血阻络型肝硬化脾功能亢进患者脾动脉栓塞术后综合征的干预疗效	
邱腾宇, 蒋开平, 李建鸿, 胡洪涛	(114)
加味肠风饮保留灌肠对急性放射性直肠炎患者 Th1/Th2 的调节作用	
李萌, 宋冀, 张文博, 薄飞, 陈宇杰	(119)
· 药理 ·	
人参-三七-川芎提取物对高糖高脂诱导血管内皮细胞衰老的影响	
王雪, 修成奎, 杨静, 方靖漪, 雷燕	(124)
红景天苷改善糖尿病大鼠肝脏糖脂水平的作用机制	
侯丹, 许光远, 张茁, 刘铜华	(130)
桑叶改善 3T3-L1 细胞胰岛素抵抗的作用及其机制分析	
王敏, 李亚琪, 马全涛, 柳辰玥, 张驰, 邱敏懿, 张彩娟, 王婷, 赵保胜	(135)
益气养阴逐瘀方对 LPS 诱导的 RAW 264.7 细胞炎症模型体外抗炎活性的影响	
唐蕾, 吴坚, 于顾然, 储继红, 严士海, 王海丹, 戴国梁, 韩旭	(141)
RS3 型芭蕉芋抗性淀粉的减肥降脂作用及急性毒性分析	
邱敏懿, 晋小雁, 张彩娟, 张驰, 王敏, 卢彦冰, 赵保胜, 张元, 王学勇	(149)

· 临床 ·

脉络学说指导下津力达联合通心络治疗 2 型糖尿病肾病的临床观察

刘红利, 田金悦, 位庚, 武朝英 (157)

舒肝解郁胶囊联合重复经颅磁刺激治疗对围绝经期抑郁神经内分泌功能的影响

司夏樱, 岳秀宁, 王昕, 刘金传, 张珊珊, 闫立新 (163)

· 药物代谢 ·

辛芍组方效应成分在正常和脑缺血再灌注损伤大鼠肝微粒体中的酶促反应动力学分析

刘志宝, 吴耽, 唐娟, 苏红, 李月婷, 巩仔鹏, 黄勇, 王永林 (169)

· 药剂与炮制 ·

盐酸常山碱的理化性质及其脂质体包封率的测定方法考察

王凤玉, 张保献, 张广平, 聂其霞, 臧琛, 马丽娜, 苏萍, 侯红平, 杨依霏, 张钟秀, 马梦, 叶祖光 (177)

煎药器皿对白芥子煎液中芥子碱含量及其特征图谱的影响

喻刚艳, 薛宇涛, 谭丽, 喻祥龙, 莫雨佳, 罗菊元, 陆洋, 杜守颖, 白洁, 李鹏跃 (183)

基于电子眼技术的穿心莲质量评价

张晓, 吴宏伟, 于现阔, 鲁亚奇, 罗寒燕, 杨洪军, 许梦莹, 郭日新, 李志勇, 唐力英, 王祝举 (189)

接受液中聚乙二醇 400 体积分数对药物体外透皮试验的影响

杜梓萱, 王奕博, 高利利, 尹兴斌, 曲昌海, 冯欣, 倪健 (196)

· 资源与质量评价 ·

基于 UPLC-LTQ-Orbitrap 高分辨质谱的中药瓜蒌化学成分分析

李欣, 唐力英, 许静, 于现阔, 杨洪军, 李德凤, 张毅, 范建伟, 苏瑞强, 吴宏伟, 张琼 (201)

延胡索化学成分分离和结构鉴定

李凤琴, 周琼, 马林, 邓安璐 (211)

峨嵋山区姜科药用植物 ITS2 序列分析

任瑶瑶, 江南屏, 张良, 宋良科, 刘睿颖, 谭睿 (217)

· 学术探讨 ·

中药炮制学科和饮片产业传承与创新过程中几个值得探讨的问题

肖永庆, 张村, 刘颖, 于定荣 (224)

基于调控肠道菌群探讨中药防治脑卒中

李艳, 宋亚刚, 白明, 苗明三 (228)

· 信息 ·

《中国实验方剂学杂志》第五届编委会名单 (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 * ¥48.00 * 1000 * 36 * 2019-01

本期责任编辑: 刘德文

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly

Established in October, 1995

Vol. 25 No. 1

January 2019

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 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 Guidance of Prevention and Treatment of

Vascular Diseases by Yingwei Theory of Vessel-collateral Theory

WU Yi-ling, JIA Zhen-hua, CHANG Li-ping, WEI Cong ... (1)

Coronary Heart Disease Phlegm-blood Stasis-stagnation-deficiency Innovation Theory and Clinical Application Based on Complex System

WANG Jie, CHEN Guang (11)

Establishment of DNA Fingerprints and Genetic Similarities

Analysis of *Dendrobium officinale*

YU Wen-xia, LEI Zhou-xi, YUAN Yuan, WU Yu-lin, SHUN Qing-sheng, WEI Gang, HU Liu-ping, HU Ju-ting, HUANG Lu-qi (16)

HPLC Characteristic Spectrum Optimization of Flavonoid

Glycosides on *Dendrobium officinale* and Characteristics

Analysis of Different Provenances

LIANG Zhi-yun, XIE Zhen-shan, HUANG Yue-chun, YUAN Yuan, ZHOU Chu-juan, WANG Ya-wen, WEI Gang (22)

Isolation and Identification of Main Flavonoid Glycosides of

Dendrobium officinale from Danxia Species and

Yunnan Guangnan Species

ZHANG Xiao-feng, ZHOU Chun-hua, ZHANG Long-kai, JIANG Mei, XIE Zhen-shan, YUAN Yuan, HUANG Yue-chun, LUO Ying-yi, WEI Gang (29)

Content Comparison of Mannose, Glucose and Narinhenin in

Dendrobium officinale and *Dendrobium huoshanense*

WANG Ya-wen, LIANG Zhi-yun, XIE Zhen-shan, YE Jia-hong, OU Si-jian, ZHOU Chu-juan, YUAN Yuan, HUANG Yue-chun, WEI Gang (35)

Antioxidation Activities *in Vitro* of Vicenin II Isolated from

Dendrobium officinale Caulis and Effect on HepG2 Cells

LUO Ying-yi, LI Yun-rong, LEI Zhou-xi, YUAN Yuan, HUANG Yue-chun, WEI Gang (43)

Progress in Research of Kangxianling Decoction in Delaying Renal Fibrosis	
JI Jing, HE Li-qun	(51)
Effect of Kangxianling Decoction on Renal Fibrosis and ACE-Ang II -AT1R Axis in 5/6 Nephrectomized Rats	
JI Jing, HE Li-qun	(57)
Effect of Kangxianling Decoction on Renal Function and Kidney ECM Expression in Rats with Renal Fibrosis	
JI Jing, HE Li-qun	(63)
Effect of Kangxianling Decoction on TGF-β_1/Smad Signal Pathway in Renal Fibrosis Rats	
JI Jing , HE Li-qun	(69)
Mechanism of Liuwei Dihuangwan in Enhancing Hepatocarcinoma Suicide Gene Therapy from Cx32	
YI Hua, SU Jun-fang, LI Xue, WU Shao-feng, ZHAO Ting-xiu, LI Qiao, ZOU Yi-dan, LIN Guo-li, DU Biao-yan	(76)
Effect of Modified Lichongtang Combined with 5-Fluorouracil on Epithelial Mesenchymal Transition in H22 Tumor-bearing Mice	
WANG Hui, WU Jian, CHEN Min, LIU Shen-lin, XU Lu-zhou	(82)
Protective Effect of Renshen Sinitang and Its Active Ingredients on Myocardial Cell Injury Induced by Pentobarbital Sodium	
LI Shuo, SU Ping, ZHANG Guang-ping, CHEN Teng-fei, MA Li-na, LI Han, HOU Hong-ping, ZHANG Zhong-xiu, YANG Yi-fei, GAO Yun-hang, SONG Ling, YE Zu-guang	(90)
Effect of Shenghuitang on Learning Memory, Levels of IL-6, TNF-α and COX-2 in Hippocampus of Chronic Sleep Deprivation Mice	
YIN Chao, YOU Qiu-yun, ZHANG Mei-ya, DING Li	(96)
Effect of Wendantang on PI3K, Akt and GSK3β of Hippocampus in Rats with Schizophrenia	
ZHU Jin-hua, XU Yi-yong, WAN Hong-jiao, SUN Hao-xin, XU Jia, WU Fan, ZHOU Guo-peii	(101)
Clinical Observation on Modified Huqianwan in Treatment of Rheumatoid Arthritis Liver-kidney Yin Deficiency Syndrome	
ZHAN Jun-ping, GU Hui-min, MENG Qing-liang, ZUO Rui-ting, DU Xu-zhao, WANG Hui-lian, ZHOU Zi-peng, MIAO Xi-yun, FAN Wei	(107)
Intervention Effect of Fuyuan Huoxuetang for Postoperative Syndrome of Partial Splenic Arterial Embolization in Patients with Hypersplenism of Blood Stasis Type Liver Cirrhosis	
QIU Teng-yu, JIANG Kai-ping, LI Jian-hong, HU Hong-tao	(114)
Effect of Jiawei Changfengyin with Retention Enema Therapy on Th1/Th2 in Patients with Acute Radiation Proctitis	
LI Meng, SONG Ji, ZHANG Wen-bo, BO Fei, CHEN Yu-jie	(119)
Interventional Effect and Mechanism of Extract of Ginseng Radix et Rhizoma, Notoginseng Radix et Rhizoma and Chuanxiong Rhizoma on Vascular Endothelial Cellular Senescence Induced by High Glucose and High Fat	
WANG Xue, XIU Cheng-kui, YANG Jing, FANG Jing-yi, LEI Yan	(124)
Mechanism of Salidroside in Improving Glucose and Lipid Metabolism in Liver of Diabetic Rats	
HOU Dan, XU Guang-yuan, ZHANG Zhuo, LIU Tong-hua	(130)
Effect and Mechanism of Mori Folium on Insulin Resistance in 3T3-L1 Cells	
WANG Min, LI Ya-qi, MA Quan-tao, LIU Chen-yue, ZHANG Chi, QIU Min-yi, ZHANG Cai-juan, WANG Ting, ZHAO Bao-sheng	(135)

Effect of Yiqi Yangyin Zhuyu Recipe in Anti-inflammation Activities <i>in Vitro</i> on LPS-induced RAW 264.7 Cells	
TANG Lei, WU Jian, YU Gu-ran, CHU Ji-hong, YAN Shi-hai, WANG Hai-dan, DAI Guo-liang, HAN Xu	(141)
Effect of <i>Canna edulis</i> Type 3 Resistant Starch in Reducing Body Weight, Serum Lipid and Acute Toxicity	
QIU Min-yi, JIN Xiao-yan, ZHANG Cai-juan, ZHANG Chi, WANG Min, LU Yan-bing, ZHAO Bao-sheng, ZHANG Yuan, WANG Xue-yong	(149)
Clinical Effect of Jinlida and Tongxinluo on Type 2 Diabetic Kidney Disease Under Vessel Collateral Theory	
LIU Hong-li, TIAN Jin-yue, WEI Geng, WU Chao-ying	(157)
Effect of Shugan Jieyu Capsules Combined with Repetitive Transcranial Magnetic Stimulation on Neuroendocrine Function During Perimenopause	
SI Xia-ying, YUE Xiu-ning, WANG Xin, LIU Jin-chuan, ZHANG Shan-shan, YAN Li-xin	(163)
Kinetic Analysis of Enzymatic Reaction of Active Components from Xinshao Formula in Liver Microsomes of Sham-Operated and Cerebral Ischemia-reperfusion Injury Rats	
LIU Zhi-bao, WU Dan, TANG Juan, SU Hong, LI Yue-ting, GONG Zi-peng, HUANG Yong, WANG Yong-lin	(169)
Investigation of Physicochemical Properties and Determination Methods of Liposomal Entrapment Efficiency of Dichroa Alkali Hydrochloride	
WANG Feng-yu, ZHANG Bao-xian, ZHANG Guang-ping, NIE Qi-xia, ZANG Chen, MA Li-na, SU Ping, HOU Hong-ping, YANG Yi-fei, ZHANG Zhong-xiu, MA Meng, YE Zu-guang	(177)
Effect of Decocting Containers on Content of Sinapine and HPLC Specific Chromatograms of Sinapis Semen Decoction	
YU Gang-yan, XUE Yu-tao, TAN Li, YU Xiang-long, MO Yu-jia, LUO Ju-yuan, LU Yang, DU Shou-ying, BAI Jie, LI Peng-yue	(183)
Quality Evaluation of Andrographis Herba Based On Electronic-eye Technique	
ZHANG Xiao, WU Hong-wei, YU Xian-kuo, LU Ya-qi, LUO Han-yan, YANG Hong-jun, XU Meng-ying, GUO Ri-xin, LI Zhi-yong, TANG Li-ying, WANG Zhu-ju	(189)
Effect of PEG400 Concentration in Receiving Solution on Drug Transdermal Test <i>in Vitro</i>	
DU Zi-xuan, WANG Yi-bo, GAO Li-li, YIN Xing-bin, QU Chang-hai, FENG Xin, NI Jian	(196)
Analysis and Identification of Chemical Components in Trichosanthis Fructus by UPLC-LTQ-Orbitrap-MS	
LI Xin, TANG Li-ying, XU Jing, YU Xian-kuo, YANG Hong-jun, LI De-feng, ZHANG Yi, FAN Jian-wei, SU Rui-qiang, WU Hong-wei, ZHANG Qiong	(201)
Isolation and Structural Elucidation of Chemical Constituents of Corydalis Rhizoma	
LI Feng-qin, ZHOU Qiong, MA Lin, DENG An-jun	(211)
Analysis of Zingiberaceae in E'mei Area Using ITS2 Sequences	
REN Yao-yao, JIANG Nan-ping, ZHANG Liang, SONG Liang-ke, LIU Rui-ying, TAN Rui	(217)
Issues in Process of Inheritance and Innovation of Traditional Chinese Medicine Processing Discipline and Chinese Herbal Pieces Industry	
XIAO Yong-qing, ZHANG Cun, LIU Ying, YU Ding-rong	(224)
Prevention and Treatment Effect of Traditional Chinese Medicine for Stroke Based on Regulating Gut Microbiome	
LI Yan, SONG Ya-gang, BAI Ming, MIAO Ming-san	(228)

Responsible editor: LIU De-wen

口喉消炎 止痛治溃疡

请喷三金牌桂林西瓜霜



喷一喷，直达患处

🔥 口腔溃疡 🔥 咽喉肿痛 🔥 干痒发炎

三金牌桂林西瓜霜喷剂，以传统去火中药西瓜霜为主药，配以黄连、冰片、薄荷脑、山豆根、黄柏等14味中药，主治因上火引起的口腔溃疡，适合于咽喉肿痛、干痒、口舌生疮、牙龈肿痛出血等症状。

三金牌桂林西瓜霜喷剂，喷一喷，清火消肿，止痛利咽，咽喉口腔健康清新。



桂林三金药业股份有限公司

请按药品说明书或在药师指导下购买和使用 不良反应：尚不明确。 禁忌：尚不明确。 桂药广审(文)第2018100313号 产品批号：国药准字Z45021599 北京市药监局2018年10月准予备案

广告