

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24期 2019年12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

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

· 经典名方 ·

二陈汤加味对急性加重期 COPD 患者 CXCL8 及 CXCR1/2 蛋白表达的影响
尚立芝,季书,李耀洋,毛梦迪,王国强,石龙涛,张光远,徐莉莉,谢文英 (1)

芍药甘草汤及其拆方对超高温环境大鼠心肌、下丘脑 TRPV3, TRPV4 表达的影响
姚风云,王琳,刘春花,王非云,刘超,姜劭琳,王炳志 (9)

基于溶出特性评价附子理中丸的剂型特征
江茂源,林夏,杨莎莎,赵生嘉,魏馨怡,黄友,张臻,傅超美 (15)

· 药理 ·

龙生蛭胶囊对脑卒中大鼠行为学的影响及脑组织的保护作用
孙晓丽,王勇,刘俊杰,李春,杨双杰,王旨引,谭楠楠,王伟 (23)

基于 Nrf2/HO-1 信号通路探讨益气活血方对脑缺血损伤大鼠氧化应激反应的影响
顾媛媛,张淑香,周忠光,刘旭,田明,梁慧,尚艳琦 (30)

氧化苦参碱抑制胰岛素诱导人结肠癌 HT-29 细胞的增殖及迁移作用
潘迪,张雯,张荣,甘诗泉,陈妍,张嫩玲,徐旖旎,沈祥春 (36)

葛根散对酒精性 ED 大鼠阴茎平滑肌组织结构 NOS 活力及 α -SMA, Cx43, TGF- β_1 mRNA 和

蛋白表达的影响

王庆学, 张琪其, 刘春艳, 罗仕艳, 柴艺汇 (43)

· 临床 ·

老年患者稳定期 COPD 的中医辨证及康复措施治疗的临床观察

程怡, 范良, 林月华, 陈荣, 赵海玲, 黄惠芬 (48)

桃花汤合补中益气汤加减对克罗恩病 Th1 和 Th17 细胞因子的影响

孔鹏飞, 魏先鹏, 唐学贵 (54)

并提汤加减治疗 2 型糖尿病临床疗效及对胰岛功能的影响

孙天赐, 李雯, 刘芬, 柯新桥, 杨利 (60)

· 药剂与炮制 ·

星点设计-效应面法优化枸杞多糖含片的处方并考察其免疫调节作用

管庆霞, 张雪, 邹淑君, 王艳宏, 张喜武, 赵宇巍, 张悦, 张伟兵, 冯宇飞 (65)

京大戟醋制前后对斑马鱼胚胎心脏的毒性

曹雨诞, 张楷承, 姚芳, 张丽, 丁安伟 (73)

半夏曲炮制过程中微生物数量动态变化的初步分析

龙凯, 王立元, 郭佳佳, 翁美芝, 谢卫华, 苏明声, 杨明, 谢小梅 (78)

HS-SPME-GC-MS 分析美洲大蠊不同炮制品的腥臭味物质

邓雨娇, 许润春, 曾陈娟, 车静, 马鸿雁, 裴瑾 (84)

· 资源与质量评价 ·

HPLC 测定民族药滇白珠抗炎镇痛活性部位(ARF)中 4 种活性成分的含量

李晓, 王秀环, 赵怡程, 王乐, 范书生, 王小萍, 许啸, 闫昕, 何婷, 常艳丽, 折改梅 (91)

羊红膻 9 种成分的含量测定及不同药用部位比较

崔小敏, 石会丽, 任慧, 胡静, 蒙麦侠, 陈娟, 孟雪, 陈志永 (97)

掌叶大黄种苗质量分级标准

董瑞珍, 陈垣, 郭凤霞, 李欠 (104)

基于聚类分析与多元统计分析的东北林蛙油及其类似品、伪品的聚丙烯酰胺凝胶电泳图谱鉴别

李晶峰, 兰梦, 边学峰, 吕经纬, 张辉, 姚辉 (111)

秦艽配方颗粒制备过程中标准汤剂与其不同方法干燥品质量相关性分析

郭超, 焦淑珍, 徐超, 郝彩琴, 冷晓红 (118)

接骨木 3 个品种药材成分含量比较分析

孙丹丹, 姚俊修, 王刚, 和焕香, 林宪臣, 郭庆梅, 吴德军 (124)

甘肃省哈思山自然保护区药用植物调查与保护

张启立, 任路明, 韩鼎, 张小荣, 李富云, 崔治家 (131)

马银宇, 卢金清, 彭博	(136)
· 数据挖掘 ·	
基于网络药理学和生物信息学探讨四神丸治疗溃疡性结肠炎的作用机制	
张功, 于莹, 黄海量, 张思超	(142)
基于网络药理学探讨断藤益母汤治疗类风湿关节炎的作用机制	
王强, 刘敏莹, 韩隆胤, 郭文杰, 刘小宝, 潘东梅, 李楠, 林昌松	(150)
基于网络药理学探讨夏枯草对非小细胞肺癌的作用机制	
刘雨晴, 王爱帅, 蒋珊, 王泽, 郑心	(159)
· 学术探讨 ·	
经典名方复方制剂研发策略	
刘艳, 章军, 陈士林, 程锦堂, 李冬雪, 刘安	(166)
丹红注射液治疗冠心病的作用机制与临床疗效	
王阶, 赵涛, 熊兴江, 赵超, 冯博, 王靖怡, 刘超, 陈恒文, 王益民, 赵步长	(173)
中药诱导肝癌细胞自噬特点分析及意义	
宋亚刚, 崔琳琳, 李艳, 苗明三	(179)
· 综述 ·	
清热解毒药对肿瘤治疗及其信号通路调节作用的研究进展	
李冀, 李想, 高彦宇, 曹明明, 董婉茹	(188)
中药复方防治肝癌作用机制研究进展	
徐菲, 曾杨丽, 李娟, 蔡思, 唐玺, 王智, 肖利辉, 李顺祥	(196)
近红外光谱技术结合化学计量学在中药分析中的应用现状	
范林宏, 范文翔, 韦志强, 谭超群, 王蛟龙, 魏大能, 吴博, 吴纯洁, 黄永亮	(205)
迷迭香的化学成分及其药理作用研究进展	
汪镇朝, 张海燕, 邓锦松, 吴升星, 崔阳, 杨明	(211)
黑地黄丸对慢性肾衰竭研究的新进展	
孙响波, 李永伟, 邓润钧, 李伟	(219)
栀子治疗脑缺血的研究进展	
王云, 李东影, 林凡凯, 刘德鹏, 张雪, 王国有, 麻印莲, 张村	(226)
· 信息 ·	
贵州中医药大学经典方剂基础研究团队简介	(封二)

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly

Established in October, 1995

Vol. 25 No. 24

December 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, Yinghuayuan dongjie, 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.syfjxz.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

Effect of Modified Erchentang on Expressions of Chemokine

Receptor CXCR1/2 and CXCL8 in Patients with AECOPD

SHANG Li-zhi, JI Shu, LI Yao-yang, MAO Meng-di,

WANG Guo-qiang, SHI Long-tao, ZHANG Guang-yuan,

XU Li-li, XIE Wen-ying (1)

Effect of Shaoyao Gancaotang and Its Disassembled

Prescriptions on Expressions of TRPV3, TRPV4 in

Myocardium and Hypothalamus of Rats with

Ultra-high Temperature

YAO Feng-yun, WANG Lin, LIU Chun-hua, WANG Fei-yun,

LIU Chao, JIANG Jie-lin, WANG Bing-zhi (9)

Evaluation of Dosage form Characteristics of Fuzi Lizhongwan

Based on Dissolution Behavior

JIANG Mao-yuan, LIN Xia, YANG Sha-sha, ZHAO Sheng-jia,

WEI Xin-yi, HUANG You, ZHANG Zhen, FU Chao-mei ... (15)

Effect of Longshengzhi Capsule on Behavior and Cerebral

Protection in Stroke Rats

SUN Xiao-li, WANG Yong, LIU Jun-jie, LI Chun,

YANG Shuang-jie, WANG Zhi-yin, TAN Nan-nan,

WANG Wei (23)

Effect of Yiqi Huoxue Recipe on Oxidative Stress Response in

Rats with Cerebral Ischemia Injury Based on Nrf2/HO-1

Signaling Pathway

GU Yuan-yuan, ZHANG Shu-xiang, ZHOU Zhong-guang,

LIU Xu, TIAN Ming, LIANG Hui, SHANG Yan-qi (30)

Effect of Oxymatrine in Inhibiting Proliferation and

Migration of HT-29 Cells Induced by Insulin

PAN Di, ZHANG Wen, ZHANG Rong, GAN Shi-quan,

CHEN Yan, ZHANG Nen-ling, XU Yi-ni,

SHEN Xiang-chun (36)

Effect of Gegensan on Expressions of NOS, α-SMA, Cx43, TGF-β_1 mRNA and Protein in Penile Smooth Muscle Tissue of Alcoholic ED Rats	
WANG Qing-xue, ZHANG Qi-qi, LIU Chun-yan, LUO Shi-yan, CHAI Yi-hui	(43)
Comprehensive Optimization of Rehabilitation Measures of Traditional Chinese Medicine to Elderly Patients with COPD at Stable Period	
CHENG Yi, FAN Liang, LIN Yue-hua, CHEN Rong, ZHAO Hai-ling, HUANG Hui-fen	(48)
Clinical Efficacy of Taohua Tang and Buzhong Yiqi Tang in Treatment of Deficiency Syndrome of Crohn's Disease	
KONG Peng-fei , WEI Xian-peng , TANG Xue-gui	(54)
Clinical Efficacy of Modified Bingtitang in Treatment of Type 2 Diabetes Mellitus and Effect on Pancreas Islet Function	
SUN Tian-ci, LI Wen, LIU Fen, KE Xin-qiao, YANG Li	(60)
Optimization of Prescription of Lycii Fructus Polysaccharide Buccal Tablets by Central Composite Design-response Surface Methodology and Investigation of Its Immunomodulatory Effect	
GUAN Qing-xia, ZHANG Xue, ZOU Shu-jun, WANG Yan-hong, ZHANG Xi-wu, ZHAO Yu-wei, ZHANG Yue, ZHANG Wei-bing, FENG Yu-fei	(65)
Cardiotoxicity in Zebrafish Embryos of Euphorbiae Pekinensis Radix Before and After Processing with Vinegar	
CAO Yu-dan, ZHANG Kai-cheng, YAO Fang, ZHANG Li, DING An-wei	(73)
Preliminary Research on Dynamic Change of Microbial Population in Fermentation Process of Pinelliae Rhizoma Fermentata	
LONG Kai, WANG Li-yuan, GUO Jia-jia, WENG Mei-zhi, XIE Wei-hua, SU Ming-sheng, YANG Ming, XIE Xiao-mei	(78)
Analysis on Odorous Components in Different Processed Products of <i>Periplaneta americana</i> by HS-SPME-GC-MS	
DENG Yu-jiao, XU Run-chun, ZENG Chen-juan, CHE Jing, MA Hong-yan, PEI Jin	(84)
Quantitative Determination of Four Active Constituents in Anti-inflammatory and Analgesic Active Fraction of <i>Gaultheria leucocarpa</i> var. <i>yunnanensis</i>	
LI Xiao, WANG Xiu-huan, ZHAO Yi-cheng, WANG Le, FAN Shu-sheng, WANG Xiao-ping, XU Xiao, YAN Xin, HE Ting, CHANG Yan-li, SHE Gai-mei	(91)
Content Determination of Nine Constituents in Different Medicinal Parts of <i>Pimpinella thellungiana</i>	
CUI Xiao-min, SHI Hui-li, REN Hui, HU Jing, MENG Mai-xia, CHEN Juan, MENG Xue, CHEN Zhi-yong	(97)
Quality Grading Standards of <i>Rheum palmatum</i> Seedlings	
DONG Rui-zhen, CHEN Yuan, GUO Feng-xia, LI Qian	(104)
Discrimination of <i>Rana dybowskii</i>, Its Analogues and Counterfeits Based on Polyacrylamide Gel Electrophoretograms Combined with Cluster Analysis and Multivariate Statistical Analysis	
LI Jing-feng, LAN Meng, BIAN Xue-feng, LYU Jing-wei, ZHANG Hui, YAO Hui	(111)
Quality Relevance of Standard Decoction and Different Drying Methods Products for <i>Gentianae Macrophyllae Radix</i> Granules Based on HPLC Fingerprint	
GUO Chao, JIAO Shu-zhen, XU Chao, HAO Cai-qin, LENG Xiao-hong	(118)

Comparative Study on Content of Medicinal Materials from Three Varieties of *Sambucus williamsii*

SUN Dan-dan, YAO Jun-xiu, WANG Gang, HE Huan-xiang, LIN Xian-chen, GUO Qing-mei,
WU De-jun (124)

Resource Investigation and Conservation of Medicinal Plants in Hasi Mountain Nature Reserve of Gansu Province

ZHANG Qi-li, REN Lu-ming, HAN Ding, ZHANG Xiao-rong, LI Fu-yun, CUI Zhi-jia (131)

Analysis of Volatile Components of Different Processed Products of *Curcuma wenyujin* Radix by HS-SPME-GC-MS

MA Yin-yu, LU Jin-qing, PENG Bo (136)

Mechanism of Sishenwan in Treatment of Ulcerative Colitis Based on Network Pharmacology and Bioinformatics

ZHANG Gong, YU Ying, HUANG Hai-Liang, ZHANG Si-Chao (142)

Mechanism of Duanteng Yimutang in Treating Rheumatoid Arthritis Based on Network Pharmacology Approach

WANG Qiang, LIU Min-ying, HAN Long-yin, GUO Wen-jie, LIU Xiao-bao, PAN Dong-mei,
LI Nan, LIN Chang-song (150)

Mechanism of Prunellae Spica on Non-small Cell Lung Cancer Based on Network Pharmacology

LIU Yu-qing, WANG Ai-shuai, JIANG Shan, WANG Ze, ZHENG Xin (159)

Research and Development Strategy of Classical Formula Compound Preparation

LIU Yan, ZHANG Jun, CHEN Shi-lin, CHEN Jing-tang, LI Dong-xue, LIU An (166)

Mechanism and Clinical Efficacy of Danhong Injection in Treatment of Coronary Heart Disease

WANG Jie, ZHAO Tao, XIONG Xing-jiang, ZHAO Chao, FENG Bo, WANG Jing-yi, LIU Chao,
CHEN Heng-wen, WANG Yi-min, ZHAO Bu-chang (173)

Analysis and Significance of Autophagy in Liver Cancer Cells Induced by Traditional Chinese Medicine

SONG Ya-gang, CUI Lin-lin, LI Yan, MIAO Ming-san (179)

Effect of Qingre Jiedu Medicine in Treating Tumor and Regulating Signaling Pathway

LI Ji, LI Xiang, GAO Yan-yu, CAO Ming-ming, DONG Wan-ru (188)

Mechanism of Traditional Chinese Medicine Compound in Preventing and Treating Hepatocellular Carcinoma

XU Fei, ZENG Yang-li, LI Juan, CAI Si, TANG Xi, WANG Zhi, XIAO Li-hui, LI Shun-xiang (196)

Application Status of Near Infrared Spectroscopy Combined with Chemometrics in Analysis of Traditional Chinese Medicine

FAN Lin-hong, FAN Wen-xiang, WEI Zhi-qiang, TAN Chao-qun, WANG Jiao-long, WEI Da-neng,
WU Bo, WU Chun-jie, HUANG Yong-liang (205)

Chemical Constituents and Pharmacological Activities of Rosmarini Officinalis Herba

WANG Zhen-chao, ZHANG Hai-yan, DENG Jin-song, WU Sheng-xing, CUI Yang, YANG Ming (211)

Effect of Hei Dihuangwan on Chronic Renal Failure

SUN Xiang-bo, LI Yong-wei, DENG Run-jun, LI Wei (219)

Research Progress of Gardeniae Fructus in Treatment of Cerebral Ischemia

WANG Yun, LI Dong-ying, LIN Fan-kai, LIU De-peng, ZHANG Xue, WANG Guo-you,
MA Yin-lian, ZHANG Cun (226)