



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

- UPLC-Q-TOF/MS分析孟河医派特色猪心血丹耆炮制前后化学成分的变化
- 大承气汤对过敏性哮喘小鼠肺部炎症及MAPK信号通路的影响
- 2015年版《中国药典》一部含挥发油类中药的分类及其质量影响因素分析
- 清气化痰丸加减治疗慢性阻塞性肺疾病急性加重期痰热壅肺证的临床疗效及对血清TNF- α , IL-8, MMP-9的影响

9
2019

2019年5月
May

第25卷
Vol.25

第9期
No.9



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 25 卷

第 9 期

2019 年 5 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:syfxj_2010@188.com

网址:www.syfxjzz.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 ·

大承气汤对过敏性哮喘小鼠肺部炎症及 MAPK 信号通路的影响

刘蕊蕊,王永安,钟大玲,董瑞娟,葛东宇,

彭桂英 (1)

芍药汤对溃疡性结肠炎大鼠肠黏膜免疫屏障的干预作用

吴东升,曹晖,张成,高亚,宾东华 (6)

补阳还五汤对舒张性心衰大鼠心肌线粒体能量代谢及 AMPK/PPAR α 信号通路的影响

王臻,李洁白,董昕,沈晓旭 (12)

独活寄生汤对膝关节炎模型大鼠 PERK/Bip 信号通路的影响

赵林灿,李薇薇,吴毅明,段卫峰 (18)

加味四君子汤含药血清对胃癌细胞 SGC-7901 凋亡相关因子表达的影响

聂闪闪,李洵,赵玉航,王东生 (25)

清气化痰丸加减治疗慢性阻塞性肺疾病急性加重期痰热壅肺证的临床疗效及对血清 TNF- α , IL-8, MMP-9 的影响

刘锐,侯体保,何嘉,叶传冬 (31)

桂枝甘草龙骨牡蛎汤加减治疗阴虚火旺型更年期失眠疗效及对患者睡眠质量、神经递质的影响

蔡艳,叶玉妹,张涛,杨慰,王归雁,石伟 (38)

消渴方加减对气阴两虚夹瘀型糖尿病肾病的内皮损伤、氧化应激及生化指标的影响

孙晓泽,谭高峰,刘爱华 (43)

身痛逐瘀汤加减治疗瘀血阻滞型腰背肌筋膜疼痛综合征的临床观察	
朱华亮, 周宗波, 武旭刚, 陆志夫, 刘利涛	(49)
· 药理 ·	
紫萁贯众单体成分对小鼠 SIRS 模型的保护作用	
李凯, 杨庆, 周恬恬, 闫思超, 翁小刚, 杨岚, 陈颖, 王娅杰, 姜晓慧, 郭媛, 朱晓新, 李玉洁	(55)
五脏温阳化瘀汤抑制周期蛋白依赖激酶-5 过表达对 SAMP8 小鼠脑神经纤维缠结的影响	
农微, 卫智权, 莫雪妮, 吴林, 唐农	(61)
复方龙脉宁对急性心肌梗死模型大鼠 TLR4/MyD88/NF- κ B p65 信号通路的影响	
卜雕雕, 苏卓, 柏希慧, 高佳雨, 邹俊波, 张丹, 王昌利	(67)
镇心省睡益智方及其精油对 AD 模型小鼠学习记忆的影响	
罗俊, 张科楠, 肖帅, 汤丹丰, 吴玲, 郭园园, 郑琴	(74)
基于 AMPK/ACC 信号通路探讨夏枯草提取物调节 ZDF 大鼠脂代谢的机制	
田硕, 吴丽丽, 张卫华, 董笑克, 韩艺凡, 洪明昭	(82)
鲜枸杞子提取物通过 p38 MAPK 信号通路抑制人肝癌细胞 HepG2 诱导小鼠恶病质的作用及机制	
刘婷, 丁艳, 杨婷婷, 马晓娜, 金毅然, 马海滨, 梁雪云	(89)
肉苁蓉尿囊素提取物安全性毒理学评价	
谯明, 朱毅, 杨建华, 胡君萍	(95)
· 临床 ·	
培元通脑胶囊联合“智三针”治疗卒中后痴呆的临床观察	
蒋翠蕾, 赵俊杰, 姜飞, 周莹	(103)
· 药剂与炮制 ·	
UPLC-Q-TOF/MS 分析孟河医派特色猪心血丹参炮制前后化学成分的变化	
颜晓静, 郑博文, 张毅达, 李娜, 刘产明, 曹震, 张琪	(109)
川芎饮片标准汤剂的质量分析	
成颜芬, 吴亿晗, 杨晓琴, 傅超美, 章津铭, 何瑶	(117)
不同粒径天麻粉中有效成分的体外溶出度比较	
刘帆, 陈亭亭, 陈艳, 巩仔鹏, 刘智, 王爱民	(124)
· 资源与质量评价 ·	
基于 ITS 序列的丹参连作根际土壤真菌群落组成及多样性分析	
刘伟, 周冰谦, 王晓, 卢恒, 郭兰萍, 李奉胜	(130)
铁棍山药 <i>SUS</i> 基因 CDS 区克隆与生物信息学分析	
刘苏伟, 文艺, 张骆琪, 高素霞, 刘玉霞, 王飞, 鲁传涛, 刘红彦	(136)

粉葛标准汤剂质量评价体系的建立

张妍林, 孟庆红, 孙奕, 范自全, 王丹丹, 花尔并 (144)

基于多成分测定的贞芪扶正颗粒质量控制

任承涛, 田莲超, 李云, 李春, 易红, 张东, 冯霞霞, 张文文, 刘晓谦, 王智民 (150)

北细辛苗在不同生长阶段与成熟期的主要化学成分分析

陆亚男, 田晓清, 周晓云, 乔玉宝, 唐莹莹, 马丽艳, 樊成奇 (159)

黄芩苷发酵转化成黄芩素和千层纸素 A 的黄芩内生真菌的筛选及鉴定

马宗敏, 刘佳, 段绪红, 孙国强, 黄璐琦, 裴林 (166)

矮紫堇中 1 个新的异喹啉生物碱分离与鉴定

沙娜·吾肯, 尹旭, 米久, 焦顺刚, 张和新歌, 周晓春, 屠鹏飞, 柴兴云, 刘春生 (172)

基于 R 语言的近红外光谱对甘草中指标成分定量分析

雍婧姣, 王霞, 石思佳, 温奎中, 佟月, 张霞, 赵建军, 王建寰, 高晓娟, 王汉卿 (176)

· 数据挖掘 ·

基于数据挖掘和网络药理学的 2 型糖尿病用药规律及机制分析

白明, 刘保松, 彭孟凡, 刘田园, 姜权, 苗明三 (182)

骨关节炎关键基因与治疗药物的生物信息学筛选

丁晓, 史晨辉, 孟德峰, 王海英, 韩飞, 蒲沛东, 王梦雨, 王维山 (189)

· 综述 ·

2015 年版《中国药典》一部含挥发油类中药的分类及其质量影响因素分析

焦姣姣, 王雅琪, 熊优, 杨园珍, 伍振峰, 熊耀坤, 杨明 (197)

苍耳子药理作用及毒性研究进展

刘传梦, 陈海鹏, 谭柳萍, 杨柯, 曾春晖 (207)

基于 NF-κB 信号通路的中药治疗脓毒症研究进展

苗雨露, 张文智, 张雯霞, 冯敏, 岳永花, 聂春霞, 倪艳 (214)

中药调节神经干细胞增殖分化的研究进展

李鑫, 邵瑞, 王彧 (221)

中药药对治疗糖尿病肾病的药理作用及临床应用研究进展

张雪辰, 王镁 (228)

[期刊基本参数] CN11-3495/R * 1995 * s * 16 * 234 * zh * P * ¥48.00 * 1000 * 35 * 2019-09

本期责任编辑: 周冰冰

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL
MEDICAL FORMULAE

Semimonthly Established in October, 1995 Vol. 25 No. 9 May 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.syfjzz.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 Da Chengqitang on Pulmonary Inflammation and MAPK Signal Pathway in Mice with Allergic Asthma LIU Zi-rui, WANG Yong-an, ZHONG Da-ling, DONG Rui-juan, GE Dong-yu, PENG Gui-ying	(1)
Intervention Effect of Shaoyaotang on Intestinal Mucosal Immune Barrier in Rats with Ulcerative Colitis WU Dong-sheng, CAO Hui, ZHANG Yu, GAO Ya, BIN Dong-hua	(6)
Effect of Buyang Huanwu Tang on Myocardial Mitochondrial Energy Metabolism and AMPK/PPAR α Signaling Pathway in Rats with Diastolic Heart Failure WANG Zhen, LI Jie-bai, DONG Xi, SHEN Xiao-xu	(12)
Effect of Duhuo Jisheng Tang on PERK/Bip Signaling Pathway in Knee Osteoarthritis Model Rats ZHAO Lin-can, LI Wei-wei, WU Yi-ming, DUAN Wei-feng	(18)
Effect of Modified Si Junzitang Drug Serum on Expression of Apoptosis-related Molecules of Gastric Cancer Cell SGC-7901 NIE Shan-shan, LI Xun, ZHAO Yu-hang, WANG Dong-sheng	(25)
Clinical Efficacy of Modified Qingqi Huatan Wan in Treatment of Acute Exacerbation of Chronic Obstructive Pulmonary Disease with Syndrome of Phlegm-heat Obstructing Lung and Effect on Serum TNF- α , IL-8 and MMP-9 LIU Rui, HOU Ti-bao, HE Jia, YE Chuan-dong	(31)
Clinical Efficacy of Modified Guizhi Gancan Longgu Muli Tang in Treating Menopausal Insomnia and Its Effect on Sleep Quality and Neurotransmitter CAI Yan, YE Yu-mei, ZHANG Tao, YANG Wei, WANG Gui-yan, SHI Wei	(38)
Effect of Modified Xiaokefang on Endothelial Injury, Oxidative Stress and Biochemical Indices of Diabetic Nephropathy Patients of Qi-Yin Deficiency with Blood-stasis Syndrome SUN Xiao-ze, TAN Gao-feng, LIU Ai-hua	(43)

Clinical Observation of Addition and Subtraction Therapy of Shentong Zhuyutang to Myofascial Pain Syndrome (MPS) with Stagnation of Blood Stasis	
ZHU Hua-liang, ZHOU Zong-bo, WU Xu-gang, LU Zhi-fu, LIU Li-tao	(49)
Protective Effect of Phenolic Compound of Osmundae Rhizoma on Systemic Inflammatory Response Syndrome in Mice	
LI Kai, YANG Qing, ZHOU Tian-tian, YAN Si-chao, WENG Xiao-gang, YANG Lan, CHEN Ying, WANG Ya-jie, JIANG Xiao-hui, GUO Yuan, ZHU Xiao-xin, LI Yu-jie	(55)
Effect of Wuzang Wenyang Huayu Decoction on Neurofibrillary Tangles by Inhibiting Cyclin-dependent Kinase-5 Over-expression in SAMP8 Mice	
NONG Wei, WEI Zhi-quan, MO Xue-ni, WU Lin, TANG Nong	(61)
Effect of Compound Longmaining on TLR4/MyD88/NF-κB p65 Signaling Pathway in Rats with Acute Myocardial Infarction	
BU Diao-diao, SU Zhuo, BAI Xi-hui, GAO Jia-yu, ZOU Jun-bo, ZHANG Dan, WANG Chang-li	(67)
Effect of Zhenxin Xingshui Yizhi Fang and Its Essential Oil Extract on Ability of Learning and Memory in Alzheimer's Disease Model Mice	
LUO jun, ZHANG Ke-nan, XIAO Shuai, TANG Dan-feng, WU Lin, GUO Yuan-yuan, ZHENG Qin	(74)
Mechanism of Prunellae Spica Extracts on Lipid Metabolism in ZDF Rats Based on AMPK/ACC Signalling Pathway	
TIAN Shuo, WU Li-li, ZHANG Wei-hua, DONG Xiao-ke, HAN Yi-fan, HONG Ming-zhao	(82)
Effect and Mechanisms of Lycii Fructus on Hepatoma HepG2 Cell Line-induced Cachexia in Mice	
LIU Ting, DING Yan, YANG Ting-ting, MA Xiao-na, JIN Yi-ran, MA Hai-bin, LIANG Xue-yun	(89)
Safety and Toxicological Assessment of Allantoin Extract from Cistanches Herba	
QIAO Ming, ZHU Yi, YANG Jian-hua, HU Jun-ping	(95)
Clinical Effect of Peiyuan Tongnao Capsule Combined with "Zhisanzhen" for Post-stroke Dementia	
JIANG Cui-lei, ZHAO Jun-jie, LOU Fei, ZHOU Ying	(103)
Changes of Chemical Components in Raw Products and Characteristic Processed Products with Porcine Cardiac Blood of Salviae Miltiorrhizae Radix et Rhizoma from Menghe Medical School by UPLC-Q-TOF/MS	
YAN Xiao-jing, ZHENG Bo-wen, ZHANG Yi-da, LI Na, LIU Chan-ming, CAO Zhen, ZHANG Qi	(109)
Quality Analysis of Standard Decoction of Chuanxiong Rhizoma	
CHENG Yan-fen, WU Yi-han, YANG Xiao-qin, FU Chao-mei, ZHANG Jin-ming, HE Yao	(117)
Comparison of <i>in Vitro</i> Dissolution of Active Ingredients in Gastrodiae Rhizoma Powder with Different Particle Size	
LIU Fan, CHEN Ting-ting, CHEN Yan, GONG Zi-peng, LIU Zhi, WANG Ai-min	(124)
Analysis of Rhizosphere Soil Fungal Community Composition and Diversity of <i>Salvia miltiorrhiza</i> Based on ITS Sequences	
LIU Wei, ZHOU Bing-qian, WANG Xiao, LU Heng, GUO Lan-ping, LI Feng-sheng	(130)
Cloning and Bioinformatics Analysis on CDS of <i>SUS</i> Gene in <i>Dioscorea opposita</i>	
LIU Su-wei, WEN Yi, ZHANG Luo-qi, GAO Su-xia, LIU Yu-xia, WANG Fei, LU Chuan-tao, LIU Hong-yan	(136)
Quality Evaluation System of Standard Decoction of Puerariae Thomsonii Radix	
ZHANG Yan-lin, MENG Qing-hong, SUN Yi, FAN Zi-quan, WANG Dan-dan, HUA Er-bing	(144)

Quality Control of Zhenqi Fuzheng Granule Based on Multi-component Determination	
REN Cheng-tao, TIAN Lian-chao, LI Yun, LI Chun, YI Hong, ZHANG Dong, FENG Xia-xia, ZHANG Wen-wen, LIU Xiao-qian, WANG Zhi-min	(150)
Analysis of Main Components in <i>Asarum heterotropoides</i> var. <i>mandshuricum</i> Seedling at Different Growth Periods and Maturation Period	
LU Ya-nan, TIAN Xiao-qing, ZHOU Xiao-yun, QIAO Yu-bao, TANG Ying-ying, MA Li-yan, FAN Cheng-qi	(159)
Screening and Identification of Endophytic Fungi in <i>Scutellariae Radix</i> Transformed Baicalin to Baicalein and Oroxylin A	
MA Zong-min, LIU Jia, DUAN Xu-hong, SUN Guo-qiang, HUANG Lu-qi, PEI Lin	(166)
Isolation and Elucidation of a Novel Isoquinoline Alkaloid from <i>Corydalis hendersonii</i>	
WUKEN Sha-na, YIN Xu, MI Jiu, JIAO Shun-gang, ZHANG He-xin-ge, ZHOU Xiao-chun, TU Peng-fei, CHAI Xing-yun, LIU Chun-sheng	(172)
Quantitative Analysis of Index Components in <i>Glycyrrhizae Radix et Khizoma</i> by Near Infrared Spectroscopy Based on R Software	
YONG Jing-jiao, WANG Xia, SHI Si-jia, WEN Kui-shen, TONG Yue, ZHANG Xia, ZHAO Jian-jun, WANG Jian-huan, GAO Xiao-juan, WANG Han-qing	(176)
Mechanisms and Medication Rules of Type 2 Diabetes Mellitus Based on Data Mining and Network Pharmacology	
BAI Ming, LIU Bao-song, PENG Meng-fan, LIU Tian-yuan, JIANG Quan, MIAO Ming-san	(182)
Bioinformatics Screening of Key Genes and Candidate Therapeutic Drugs of Osteoarthritis	
DING Xiao, SHI Chen-hui, MENG De-feng, WANG Hai-ying, HAN Fei, PU Pei-dong, WANG Meng-yu, WANG Wei-shan	(189)
Classification of Chinese Medicines Containing Volatile Oil and Analysis of Quality Influencing Factors Based on Fist Part in <i>Chinese Pharmacopoeia</i> 2015 Edition	
JIAO Jiao-jiao, WANG Ya-qi, XIONG You, YANG Yuan-zhen, WU Zhen-feng, XIONG Yao-kun, YANG Ming	(197)
Pharmacological Effect and Toxicity of <i>Xanthii Fructus</i>	
LIU Chuan-meng, CHEN Hai-peng, TAN Liu-ping, YANG Ke, ZENG Chun-hui	(207)
Advances in Studies on Chinese Materia Medica for Treatment of Sepsis Based on NF-κB Signal Pathway	
MIAO Yu-lu, ZHANG Wen-zhi, ZHANG Wen-xia, FENG Min, YUE Yong-hua, NIE Chun-xia, NI Yan	(214)
Research Progress on Regulation of Proliferation and Differentiation of Neural Stem Cells by Traditional Chinese Medicine	
LI Xin, SHAO Rui, WANG Yu	(221)
Research Progress on Pharmacological Effect and Clinical Application of Traditional Chinese Medicinal Pair in Treatment of Diabetic Nephropathy	
ZHANG Xue-chen, WANG Mei	(228)

Responsible editor: ZHOU Bing-bing



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2019010035号 北京市药监局2019年3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