



QK2204229 -9903
95/R

ZHONGGUO

SHIYAN

FANGJIXUE

ZAZHI

中国实验方剂学杂志

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

• 中文核心期刊

• 中医药科技期刊分级目录T1级期刊

• 中国科技核心期刊

• CSCD来源期刊(核心库)

• RCCSE权威学术期刊(A+)

EVIDEM框架介绍 及其在卫生决策中的应用



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

2022 04

2月 第28卷 第4期
Feb. Vol.28 No.4

中国实验方剂学杂志

Zhongguo Shiyan Fangjixue Zazhi

半月刊 1995年10月创刊

第28卷

第4期

2022年2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 中国标准连续出版物号 CN 11-3495/R	
广告发布登记	京东市监广登字20170076号
国内定价	每期48元,全年1152元

目 次

· 经典名方 ·

基于 Hedgehog 信号通路探讨柴芍六君汤对肝郁脾虚型 CAG 大鼠的影响

涂文玲, 黄妙安, 洪银洁, 洪诗晓, 陈梅妹, 甘慧娟… (1)

基于“心与小肠相表里”探讨回肠菌群在七圣丸

抗阿尔茨海默病中的变化

许青, 赵晓芹, 刘彦君, 熊伟, 文铃森, 向春晓, 陈春兰, 魏桂花, 闫智勇 ……………… (9)

· 药理 ·

芦竹碱对 2,4-二硝基氯苯诱导的特应性皮炎小鼠模型的机制

蒋森, 王家葵, 吴纯洁 ……………… (19)

基于 Th17/Treg 细胞平衡探讨抗纤益心方对自身免疫损伤

小鼠免疫调节的作用机制

李巧稚, 刘嫄淑, 王振涛, 吴鸿, 刘舜禹 ……………… (26)

基于能量代谢分析益气解毒方对缺氧损伤的 PC12 细胞

线粒体保护作用的机制

戴玉豪, 刘黎明, 刘陈, 吴文洁, 沈建英, 李韶菁 …… (34)

加味小陷胸汤干预 Wnt/β-catenin 信号通路抑制人胃癌

MGC803 细胞上皮间质转化

谷金繁, 王翔, 陈建, 汤同娟, 左梦雨, 洪星辉, 王靓, 黄金玲 ……………… (42)

逍遥散加减方对高催乳素血症大鼠多巴胺转运体的影响

刘凯鑫, 李燕, 黄世梅, 刘宇, 代康莉 ……………… (51)

加味柴胡疏肝散及其拆方对心肌缺血合并抑郁症大鼠

ACE2-Ang(I-VII)-MasR 轴的影响

黄子娟, 李晓红, 王茜, 蒋春建, 吴戈, 陆雅席, 杨萍, 王呈祥, 杨力强, 孔鹏云 ……………… (58)

益气解毒复方含药血清对胸腺增生型重症肌无力 mTEC 和 Treg 细胞增殖的影响	(68)
陈森林, 况时祥, 刘建飞, 赵芝兰, 郑雄, 邹进, 刘爽	
积雪草苷对 DBA/1 小鼠胶原诱导型关节炎中 Th17/Treg 细胞表达的影响	(76)
栾慧杰, 何莲花, 何娟, 单宏颖, 虎义平, 王庆文	
黄芪多糖注射液对 X 射线治疗 U14 宫颈癌模型小鼠增效减毒作用	(84)
宋易航, 郭忠, 窦春江, 努尔妮萨·艾力, 赵晋	
基于 JAK/STAT 通路研究没食子酸抗结肠癌作用机制	
阿丽亚·依拉木, 阿布都艾则孜·艾尔肯, 古丽娜·卡里曼江, 艾尔菲丁·阿尼娃尔, 木巴拉克·伊明江	(91)
芪苓通络方抑制 TLR4/MyD88/NF- κ B 信号通路改善特发性膜性肾病大鼠肾损伤	(100)
邵建彬, 王霞, 徐华洲, 高飞, 张玉倩, 张永辉, 袁梦华, 潘莉	
毛钩藤碱对人宫颈癌 Ca Ski 细胞增殖、凋亡、转移及侵袭的影响	(109)
李亚威, 谢磊, 王娜	
· 临床 ·	
益气化瘀清热方序贯辨证治疗儿童难治性肾病综合征临床疗效观察	
倪锦玉, 翟文生, 李乐, 杨濛, 张秋月	(116)
养心达瓦依米西克蜜膏治疗气滞血瘀证失眠的临床观察	
薛珂, 袁书章, 安兰花, 惠小珊, 张金生	(124)
· 药学基础 ·	
基于质量源于设计理念构建多糖组分干法制粒前馈控制模型	
黄贊扬, 王亚静, 祁东利, 高迪, 王晓宇, 王宇, 王雁雯, 叶相印	(130)
基于指纹图谱定性、多指标成分定量与化学计量学的枳壳质量评价	
钟民勇, 乔日发, 罗涛, 杨林, 杨武亮, 袁金斌	(138)
基于 UPLC-Q-TOF/MS ^E 分析不同炮制时间炒车前子的化学成分变化规律	
孙钰婧, 霍志鹏, 王玉, 李瑞明, 秦民坚, 何毅	(146)
基于“色如漆, 甘如饴”的砂仁陈皮制熟地黄炮制过程质量评价	
陈青垚, 雷星, 高亚珍, 徐杰, 王梁凤, 杨明, 王小平, 王芳	(154)
《藏药晶镜本草》植物类藏药资源及其特点	
仁真旺甲, 文成当智, 何青秀, 褚祺祺, 嘎登尼玛, 张艺, 俞佳	(163)
· 数据挖掘 ·	
基于“三因制宜”理论探讨两地 COVID-19 的中医证治特点	
徐晓花, 翁衡, 何泽慧, 王怀体, 李莉, 刘云涛, 唐丽娟, 尹鑫, 丁邦晗, 郭建文, 张忠德	(172)
基于现代临床文献的经典名方吴茱萸汤主治病症及用药规律分析	
蒋姗, 李云, 郭杰, 刘晓谦, 王悦, 樊佳, 闫利华, 王智民	(181)
基于网络药理学的鹿茸治疗骨关节炎作用的机制	
郭子奕, 杨扬, 何忠梅, 时坤, 李健明, 陈维佳, 宗颖, 杜锐	(194)
抗痨颗粒治疗结核病分子机制的网络药理和实验验证	
肖四方, 马小华, 石国民, 喻容, 潘建华, 周婷, 向延根	(205)

· 循证评价与决策 ·

EVIDEM 框架介绍及其在卫生决策中的应用

戴泽琦, 徐思敏, 吴雪, 贾露露, 耿劲松, 赵晖, 廖星 (212)

· 学术探讨 ·

从“脑-心-三焦”关联探讨抑郁症病机

金雨静, 翟昊剑文, 黄世敬 (219)

基于“亢害承制”理论探讨内皮功能障碍对糖尿病大血管病变的影响

张泽华, 冷玉琳, 杨婵, 袁海波, 谢红艳, 高泓, 谢春光 (227)

基于中西医临床病证特点的多发性硬化动物模型分析

何顺清, 彭永, 饶桂兰, 唐艳丹 (235)

基于“下焦如渎”探讨猪苓汤治疗复发性生殖器疱疹

李亚琴, 王清滢, 申淘淘, 马梦茜, 吴思琪, 郎娜 (240)

· 综述 ·

巨噬细胞极化与中药抗肿瘤机制研究进展

王栋, 王方园, 时浩洋, 赵爽, 孔宪斌, 孟静岩 (246)

Wnt/β-catenin 信号通路在脂溢性脱发中的作用及中药干预的研究进展

徐玲玲, 玄敏, 李挺, 魏雅平, 吴仪, 玄振玉 (254)

食管癌肿瘤微环境中的癌相关细胞研究进展

江始源, 司富春, 王文彬, 宋雪杰 (262)

中药多糖抗衰老作用机制研究进展

李旭, 张雪燕, 杨世培, 修明慧, 和建政 (271)

《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》2021年成绩单 (前插一)

· 书讯 ·

采用安宁疗护对肿瘤患者临终生活质量的影响 (18)

阿替普酶静脉溶栓治疗不同中医证型脑梗死的疗效分析 (50)

大学生抑郁症患者心理咨询与治疗 (57)

重症急性胰腺炎患者采用早期肠内营养治疗的作用 (90)

阿立哌唑联合富马酸喹硫平治疗老年精神分裂症患者的临床分析 (123)

· 广告 ·

金振口服液 江苏康缘药业股份有限公司(前插二)

SHORING 数源汇通 (后插一)

消痞和胃胶囊 贵阳永乐药业有限公司(后插二)

甘梅饮 亚宝九和(北京)健康管理有限公司(封三)

桂林西瓜霜 桂林三金药业股份有限公司(封四)

[期刊基本参数] CN11-3495/R * 1995 * s * 16 * 282 * zh * P * ¥48.00 * 1000 * 34 * 2022-4

本期责任编辑: 周冰冰

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly

Established in October, 1995

Vol. 28 No. 4

2022

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, Yinghuayuandongjie, 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: syfx_2010@188.com
Website: <http://www.syfxzz.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 Chinese 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 Chaishao Liu-juntang on Hedgehog Signaling

Pathway in Rats with Chronic Atrophic Gastritis of Liver Depression and Spleen Deficiency Syndrome
TU Wen-ling, HUANG Miao-an, HONG Yin-jie, HONG Shi-xiao, CHEN Mei-mei, GAN Hui-juan (1)

Changes in Ileal Flora Induced by Qishengwan in Treatment of Alzheimer's Disease: An Exploration Based on

"Interior-Exterior Relationship Between Heart and Small Intestine"
XU Qing, ZHAO Xiao-qin, LIU Yan-jun, XIONG Wei, WEN Ling-miao, XIANG Chun-xiao, CHEN Chun-lan, WEI Gui-hua, YAN Zhi-yong (9)

Ameliorative Effect of Gramine on 2, 4-Dinitrochlorobenzene-Induced Atopic Dermatitis in Mice

JIANG Miao, WANG Jia-kui, WU Chun-jie (19)

Immunomodulatory Mechanism of Kangxian Yixin

Prescriptions on Autoimmune Injury Mice Based on Th17/Treg Cell Balance
LI Qiao-zhi, LIU Yuan-shu, WANG Zhen-tao, WU Hong, LIU Shun-yu (26)

Mechanism of Yiqi Jiedu Prescriptions in Protection of

Mitochondria in PC12 Cells Against Hypoxia Injury Based on Energy Metabolism
DAI Yu-hao, LIU Li-ming, LIU Chen, WU Wen-jie, SHEN Jian-ying, LI Shao-jing (34)

Modified Xiao Xianxiongtang Inhibits Epithelial-Mesenchymal

Transition of Human Gastric Cancer MGC803 Cells via Wnt/ β -catenin Signaling Pathway
GU Jin-fan, WANG Xiang, CHEN Jian, TANG Tong-juan, ZUO Meng-yu, HONG Xing-hui, WANG Liang, HUANG Jin-ling (42)

Effect of Modified Xiaoyaosan on Dopamine Transporter in Rats with Hyperprolactinemia	(51)
LIU Kai-xin, LI Yan, HUANG Shi-mei, LIU Yu, DAI Kang-li	
Effect of Modified Chaihu Shugansan and Its Disassembled Formulas on ACE2-Ang (I -VII) -MasR Axis in Rats with Myocardial Ischemia and Depression	
HUANG Zi-juan, LI Xiao-hong, WANG Qian, JIANG Chun-jian, WU Ge, LU Ya-xi, YANG Ping, WANG Cheng-xiang, YANG Li-qiang, KONG Peng-yun	(58)
Effect of Yiqi Jiedu Prescription-containing Serum on Proliferation of mTEC and Regulatory T Cells in Myasthenia Gravis Patients with Thymus Hyperplasia	
CHEN Sen-lin, KUANG Shi-xiang, LIU Jian-fei, ZHAO Zhi-lan, ZHENG Xiong, ZOU Jin, LIU Shuang.....	(68)
Effect of Asiaticoside on Expression of Th17/Treg Cells in DBA/1 Mice with Collagen-Induced Arthritis	
LUAN Hui-jie, HE Lian-hua, HE Juan, SHAN Hong-ying, HU Yi-ping, WANG Qing-wen	(76)
Effect Enhancing and Toxicity-reducing Activities of Astragalus Polysaccharide Injection on U14 Cervical Cancer in Model Mice Receiving X-Ray Treatment	
SONG Yi-hang, GUO Zhong, DOU Chun-jiang, Nuernisa Aili, ZHAO Jin	(84)
Study on Anti-colorectal Cancer Mechanism of Gallic Acid Based on JAK/STAT Pathway	
Elham Aliya, Arken Abdulaziz, Kalimanjan Gulina, Anwar Arfidin, Iminjan Mubarak.....	(91)
Qiling Tongluo Prescription Improves Renal Injury in Rats with Idiopathic Membranous Nephropathy by Inhibiting TLR4/MyD88/NF-κB Signaling Pathway	
SHAO Jian-bin, WANG Xia, XU Hua-zhou, GAO Fei, ZHANG Yu-qian, ZHANG Yong-hui, YUAN Meng-hua, PAN Li	(100)
Effect of Hirsutine on Proliferation, Apoptosis, Metastasis, and Invasion of Human Cervical Cancer Ca Ski Cells	
LI Ya-wei, XIE Lei, WANG Na	(109)
Sequential Treatment with Syndrome Differentiation on Children's Refractory Nephrotic Syndrome with Yiqi Huayu Qingre Prescription	
NI Jin-yu, ZHAI Wen-sheng, LI Le, YANG Meng, ZHANG Qiu-yue	(116)
Clinical Treatment of Insomnia with Syndrome of Qi Stagnation and Blood Stasis by Uyghur Medicine Yangxin Dawayimicol Honey Ointment	
XUE Ke, YUAN Shu-zhang, AN Lan-hua, HUI Xiao-shan, ZHANG Jin-sheng	(124)
Establishment of Feedforward Control Model for Dry Granulation of Polysaccharide Components Based on Quality by Design	
HUANG Zan-yang, WANG Ya-jing, QI Dong-li, GAO Di, WANG Xiao-yu, WANG Yu, WANG Yan-wen, YE Xiang-yin	(130)
Quality Evaluation of Aurantii Fructus Based on Fingerprint Qualitative Analysis, Multi-component Quantitative Analysis and Chemometrics	
ZHONG Min-yong, QIAO Ri-fa, LUO Tao, YANG Lin, YANG Wu-liang, YUAN Jin-bin	(138)
Analysis of Chemical Composition Variations in Plantaginis Semen at Different Frying Time Based on UPLC-Q-TOF/MS^E	
SUN Yu-jing, HUO Zhi-peng, WANG Yu, LI Rui-ming, QIN Min-jian, HE Yi	(146)
Quality Evaluation in Processing of Rehmanniae Radix Praeparata Processed with Amomi Fructus and Citri Reticulatae Pericarpium Based on "Color as Paint, Sweet as Maltose"	
CHEN Qing-yao, LEI Xing, GAO Ya-zhen, XU Jie, WANG Liang-feng, YANG Ming, WANG Xiao-ping, WANG Fang	(154)

Analysis of Varieties and Characteristics of Plant Tibetan Medicine in <i>The Stainless Crystal Mirror: A Tibetan Materia Medica</i>	
Renzen Wangjia, Wencheng Dangzhi, HE Qing-xiu, CHU Qi-qi, Gadeng Nima, ZHANG Yi, YU Jia	(163)
Characteristics of Traditional Chinese Medicine Syndromes and Treatments of COVID-19	
Patients from Two Hospitals Based on "Treatment of Disease in Accordance with Three Conditions"	
XU Xiao-hua, WENG Heng, HE Ze-hui, WANG Huai-ti, LI Li, LIU Yun-tao, TANG Li-juan, YIN Xin, DING Bang-han, GUO Jian-wen, ZHANG Zhong-de	(172)
Analysis on Indications and Medication Regularities of Famous Classical Formula Wuzhuyu Tang	
Based on Modern Clinical Literature	
JIANG Shan, LI Yun, GUO Jie, LIU Xiao-qian, WANG Yue, FAN Jia, YAN Li-hua, WANG Zhi-min	(181)
Mechanism of Cervi Cornu Pantotrichum in Treatment of Osteoarthritis Based on Network Pharmacology	
GUO Zi-yi, YANG Yang, HE Zhong-mei, SHI Kun, LI Jian-ming, CHEN Wei-jia, ZONG Ying, DU Rui	(194)
Mechanism of Anti-tuberculosis Particles (Kanglao Granule) Based on Network Pharmacology and Experimental Research	
XIAO Si-fang, MA Xiao-hua, SHI Guo-min, YU Rong, PAN Jian-hua, ZHOU Ting, XIANG Yan-gen	(205)
An Introduction of EVIDEM Framework and Its Application in Healthcare Decision Making	
DAI Ze-qi, XU Si-min, WU Xue, JIA Lu-lu, GENG Jin-song, ZHAO Hui, LIAO Xing	(212)
Discussion on Pathogenesis of Major Depressive Disorder from Correlation of "Brain-Heart-Triple Energizer"	
JIN Yu-jing, ZHAI-WU Jian-wen, HUANG Shi-jing	(219)
Influence of Endothelial Dysfunction on Diabetic Macroangiopathy: A Perspective from Theory of "Restraining Excessiveness to Acquire Harmony"	
ZHANG Ze-hua, LENG Yu-lin, YANG Chan, YUAN Hai-po, XIE Hong-yan, GAO Hong, XIE Chun-guang	(227)
Animal Model Analysis of Multiple Sclerosis Based on Clinical Characteristics of Traditional Chinese and Western Medicine	
HE Shun-qing, PENG Yong, RAO Gui-lan, TANG Yan-dan	(235)
Discussion on Treatment of Recurrent Genital Herpes with Zhulingtang: Based on Thought of "Lower Energizer Resembling Drainage"	
LI Ya-qin, WANG Qing-ying, SHEN Tao-tao, MA Meng-xi, WU Si-qi, LANG Na	(240)
Macrophage Polarization and Anti-tumor Mechanism of Chinese Medicine: A Review	
WANG Dong, WANG Fang-yuan, SHI Hao-yang, ZHAO Shuang, KONG Xian-bin, MENG Jing-yan	(246)
Role of Wnt/β-catenin Signaling Pathway in Seborrheic Alopecia and Its Intervention with Traditional Chinese Medicine: A Review	
XU Ling-ling, XUAN Min, LI Ting, WEI Ya-ping, WU Yi, XUAN Zhen-yu	(254)
Cancer Associated Cells in Tumor Microenvironment of Esophageal Carcinoma: A Review	
JIANG Shi-yuan, SI Fu-chun, WANG Wen-bin, SONG Xue-jie	(262)
Anti-aging Mechanism of Chinese Medicinal Polysaccharides: A Review	
LI Xu, ZHANG Xue-yan, YANG Shi-pei, XIU Ming-hui, HE Jian-zheng	(271)

Responsible editor: ZHOU Bing-bing



百年护喉 专业对口

OTC

咽喉消肿 止痛治溃疡
请喷桂林西瓜霜



如来神掌

口腔炎

口舌生疮

口腔溃疡

三金牌桂林西瓜霜

症状： 口腔溃疡 口舌生疮 口腔炎

- 【直达患处】粉末喷剂可直接喷、吹或敷于患处，促进吸收，清凉舒适。
- 【消肿止痛】治疗口腔溃疡、咽喉肿痛、喉核肿大、口舌生疮、牙龈肿痛等咽喉症状。
- 【百年传承】百年口喉良药“西瓜霜”配合13种天然中草药精制而成，遵循中医治病机理，品质值得信赖。

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250826-00506号 产品批号：国药准字Z45021599 广告



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 990221

万方数据