



中华中医药学会系列期刊



CSCD来源期刊
北大中文核心期刊
中国科技核心期刊
RCCSE核心期刊
美国《化学文摘》统计源期刊

ISSN 1005-9903
CN 11-3495/R

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

中国实验方剂学杂志

ZHONGGUO

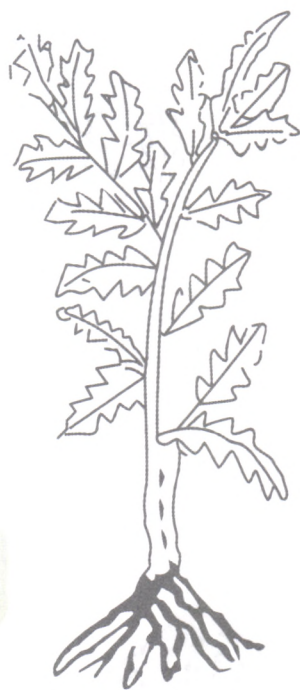
SHIYAN

FANGJIXUE

ZAZHI

本期推荐

- 白芍-甘草药对治疗骨关节炎的疗效机制预测
- 酶解等4种方法用于中药废弃物资源化研究初探 (I)
- 全真一气汤对COPD模型小鼠Nrf2通路及对炎性细胞因子和肺组织超微结构的影响
- 阳和汤对晚期胃癌阳虚证患者的化疗增效及其对肿瘤炎症因子, Treg, MDSCs水平的影响



22 2016

2016年11月 第22卷 第22期
November Vol.22 No.22

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



杂志官方微信

中国实验方剂学杂志

Zhongguo Shiyān Fangjixue Zazhi

半月刊 1995年10月创刊 第22卷 第22期 2016年11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.zgsyfjxzz.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 北京昌平百善印刷厂
(102211 北京昌平区百善镇)

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

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

广告许可证 京东工商广字第0029号

国内定价 每期35元,全年840元

目次

· 药剂与炮制 ·

20(S)-原人参二醇自微乳释药系统的处方优化和有效期预测

王冰, 浦益琼, 徐本亮, 张彤, 陶建生 (1)

柴胡提取物吸湿过程的模型拟合

汤成成, 贾艾玲, 王雅洁, 董金香, 邱智东, 杨晶 (7)

五妙水仙膏凝胶剂基质处方优选及体外透皮性能考察

张忠伟, 陈丹妮, 范孟雪, 黄雨婷, 金俊杰,

蔡宝昌 (12)

炮制对王不留行中刺桐碱及黄酮苷类成分含量及溶出率的影响

周国洪, 唐力英, 寇真真, 王婷, 郭日新, 王祝举 (18)

纳米雄黄炮制方法的探讨

程佩佩, 方玉, 夏叶, 黄静, 答国政, 尚祥伟,

张秀桥 (22)

正交试验优选平唐复方的醇提工艺和水提工艺

周晶, 李玲, 王冰, 王成荣, 张彤, 袁秀荣 (26)

建昌帮辅料糠的质量标准

张金莲, 谢日健, 刘艳菊, 李娜, 陈宇帆, 钟凌云,

龚千锋, 范晖 (31)

· 资源与鉴定 ·

酶解等4种方法用于中药废弃物资源化研究初探(I)

——以脉络宁注射液生产中石斛药渣的多糖资源化研究为例

刘双双, 刘丽芳, 朱华旭, 郭立玮, 段金廉, 潘永兰,

徐向前 (34)

· 化学与分析 ·

黄芩茎叶中的化学成分

王宏伟, 尹志峰, 李洪波, 袁晓旭, 杨明明,

赵桂琴 (41)

光皮木瓜叶化学成分

郭庆丰, 陈林, 张伟, 康文艺 (45)

基于多成分同时检测的良附丸质量控制	
卢君蓉, 李文兵, 季宁平, 王世宇, 傅超美, 严鑫, 杨志平	(49)
杨桃不同部位脂溶性成分化学组成分析	
廖彭莹, 周忠玉, 李耀华, 吴亚萍, 莫维玲, 李承曼	(54)
栀子柏皮汤 3 种方法提取液指标成分的比较	
荆汉卫, 于定荣	(59)
肿痛涂膜剂化学成分的 UPLC-Q-TOF-MS/MS 分析	
苏海萍, 韩越	(63)
分散固相萃取技术结合超高效液相色谱-高分辨质谱法测定蜂蜜中三嗪类农药残留	
何丽君, 陈豪, 翁淑琴, 郑婉玉, 严国鸿, 胡敏, 李德森	(71)
· 药物代谢 ·	
栀子大黄汤中活性成分在正常大鼠和酒精性肝损伤大鼠体内的药动学比较	
朱鹤云, 毕开顺, 韩飞, 关皎, 张晓书, 毛新娟, 侯晓虹, 尹然	(77)
给药剂量对附子总生物碱在大鼠体内药代动力学特征的影响	
李燕, 赵梦杰, 袁岸, 龚小红, 彭成, 李芸霞	(82)
· 药理 ·	
全真一气汤对 COPD 模型小鼠 Nrf2 通路及对炎性细胞因子和肺组织超微结构的影响	
杨晓鹏, 李秀娟, 梁金宇, 林勇平, 张大鹏, 张志敏	(86)
金丝桃苷对耐长春新碱结肠癌 HCT8/VCR 细胞耐药逆转作用	
王丽敏, 杨玉, 张明远, 卢春风, 朱秋双	(92)
半夏泻心汤含药血清对胃癌微环境中 BMSCs 生长增殖的影响	
杨柏林, 刘喜平, 崔国宁, 董俊刚, 明海霞, 辛宝, 吴高峰	(97)
车前子多糖治疗大鼠膜性肾病的实验探讨	
刘颖斐, 王秋红, 赵宏, 管勇舟, 柴桂芳, 匡海学	(103)
玉屏风散加味方干预慢性阻塞性肺疾病气道重塑的探讨	
程羽, 陈静, 张晓梅, 羊忠山, 袁嘉丽, 陈雨	(108)
镰形棘豆总黄酮对 2 型糖尿病 KKAy 小鼠血糖和胰岛素抵抗的作用	
王志程, 杨丽霞, 李雪英, 姜良恩, 张邦能, 孙文, 刘铜华	(113)
丹溪痛风方对阿尔茨海默病小鼠血脑屏障通透性和海马 β 淀粉样蛋白 ₁₋₄₀ 的影响及机制	
张晓杰, 费洪新, 刘得水, 张英博	(118)
五味子多糖对化疗性肠道黏膜炎小鼠的保护作用	
周卫东, 项磊, 陈泽伟, 卢汉琪, 罗仁, 孙晓敏, 赵晓山, 谭为	(124)
参芪抑瘤方抑制胃癌细胞 MKN-45 增殖和侵袭转移作用机制	
李红亮, 吴红彦, 李海龙, 马春林, 张策, 师金凤, 张艳	(129)
葛花解酒涤脂汤对酒精性脂肪肝小鼠肝脏核受体 PXR, CAR 表达的影响	
易旭, 游绍伟, 龙毅, 王硕石, 陆道敏	(134)

老鹳草素对小鼠骨髓基质干细胞成骨分化相关基因表达的影响	
张哲, 徐秀娟, 刘欣, 张彦芬, 唐思文, 王海荣	(140)
美洲大蠊水提取物对小鼠烫伤模型的影响	
杨胜群, 熊茜, 邹俊波, 张彤, 桑文涛, 曾南	(145)
参芎葡萄糖注射液的丹参组分对小鼠细胞色素 P450 的影响	
王文华, 杨洋, 吴琼, 郑林, 李黎, 何彬, 王爱民, 李勇军, 刘亭	(150)
四君子汤含药血清上调 c-Myc 表达促进小肠上皮细胞迁移和增殖	
宋厚盼, 李如意, 魏艳霞, 李鑫, 余黄合, 袁振仪, 蔡雄, 黄惠勇, 刘翠玲	(154)
· 临床 ·	
阳和汤对晚期胃癌阳虚证患者的化疗增效及其对肿瘤炎症因子, Treg, MDSCs	
水平的影响	
田同德, 杨峰, 岳立云, 王新新, 石变	(160)
养阴清热化痰汤联合胸部肿瘤放疗对急性放射性肺炎的临床疗效	
李超, 古立丽, 陈桂明, 彭冰, 王建国, 宋伟, 孔庆志	(165)
调经助育汤治疗多囊卵巢综合征排卵障碍肾虚血瘀证的临床观察	
向玉, 杨惠林, 马英兰, 马玉秀	(170)
加味凉膈散辅助治疗儿少期口腔糜烂型心脾积热证扁平苔藓的临床分析	
郑蕾, 刘迎飞	(175)
· 数据挖掘 ·	
白芍-甘草药对治疗骨关节炎的疗效机制预测	
程仕萍, 周平生, 赵宁, 吕诚, 吕爱平, 谭勇	(180)
补阳还五汤预防奥沙利铂所致周围神经毒性疗效及安全性的系统评价	
魏晓晨, 王慧, 朱立勤, 王春革, 邓琦, 李新	(186)
· 综述 ·	
三种常用半枫荷类药用植物的化学成分与生物活性研究概况	
杨丽, 王雅琪, 刘升长, 何军伟	(191)
桑黄类真菌有效成分及功效研究进展	
史帧婷, 包海鹰	(197)
· 信息 ·	
中国科技核心期刊收录证书	(封二)
《中国实验方剂学杂志》2016 版中国学术期刊影响年报	(封三)

[期刊基本参数] CN11-3495/R * 1995 * s * 16 * 202 * zh * P * ¥35.00 * 5000 * 39 * 2016-22

本期责任编辑: 顾雪竹

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly

Established in October, 1995

Vol. 22 No. 22

November 2016

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 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.zgsyfjxzz.com>

Printed by

Beijing Changping Baishan Printing House
(Baishan Town, Changping District, Beijing, 102211)

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

Prescription Optimization and Expiration Term Prediction of

20(S)-Protopanaxadiol Self-microemulsion Drug Delivery System

WANG Bing, PU Yi-qiong, XU Ben-liang, ZHANG Tong, TAO Jian-sheng (1)

Model Fitting of Moisture Adsorption Process for Bupleuri

Radix Extract

TANG Cheng-cheng, JIA Ai-ling, WANG Ya-jie, DONG Jin-xiang, QIU Zhi-dong, YANG Jing (7)

Formulation Optimization of Matrix and Investigation of

in Vitro Transdermal Properties of Wumiao Shuixian Cream Gel

ZHANG Zhong-wei, CHEN Dan-ni, FAN Meng-xue, HUANG Yu-ting, JIN Jun-jie, CAI Bao-chang (12)

Influence of Processing on Contents and Dissolution

Rates of Hypaphorine and Flavonoid Glycosides in Vaccariae Semen

ZHOU Guo-hong, TANG Li-ying, KOU Zhen-zhen, WANG Ting, GUO Ri-xin, WANG Zhu-ju (18)

Discussion of Processing Methods of Nano-Realgar

CHENG Pei-pei, FANG Yu, XIA Ye, HUANG Jing, DA Guo-zheng, SHANG Xiang-wei, ZHANG Xiu-qiao (22)

Optimization of Extraction Process for Pingtang

Compound by Orthogonal Test

ZHOU Jing, LI Ling, WANG Bing, WANG Cheng-rong, ZHANG Tong, YUAN Xiu-rong (26)

Quality Standard Research on Bran as Auxiliary

Material in Jianchang Faction

ZHANG Jin-lian, XIE Ri-jian, LIU Yan-ju, LI Na, CHEN Yu-fan, ZHONG Ling-yun, GONG Qian-feng, FAN Hui (31)

Recycling of Wastes from Traditional Chinese Medicine Production by Wet Ultrafine Grinding Technology and Other Three Methods (I) — Recycling of Polysaccharide in Mailuoning Injection Production Waste Dendrobii Mobile Dregs	
LIU Shuang-shuang, LIU Li-fang, ZHU Hua-xu, GUO Li-wei, DUAN Jin-ao, PAN Yong-lan, XU Xiang-qian	(34)
Chemical Constituents from Stems and Leaves of <i>Scutellaria baicalensis</i>	
WANG Hong-wei, YIN Zhi-feng, LI Hong-bo, YUAN Xiao-xu, YANG Ming-ming, ZHAO Gui-qin	(41)
Chemical Constituents of Leaves of <i>Chaenomeles sinensis</i>	
GUO Qing-feng, CHEN Lin, ZHANG Wei, KANG Wen-yi	(45)
Quality Control of Liangfu Pills Based on Multi-components Determination	
LU Jun-rong, LI Wen-bing, JI Ning-ping, WANG Shi-yu, FU Chao-mei, YAN Xin, YANG Zhi-ping	(49)
Analysis of Chemical Compositions of Liposoluble Constituents from Different Parts of <i>Averrhoa carambola</i>	
LIAO Peng-ying, ZHOU Zhong-yu, LI Yao-hua, WU Ya-ping, MO Wei-ling, LI Cheng-man	(54)
Comparative Analysis of Contents of Active Compositions from Zhizi Bopi Tang Extracted by Three Methods	
JING Han-wei, YU Ding-rong	(59)
Chemical Constituents from Zhongtong Film Coating by UPLC-Q-TOF-MS/MS	
SU Hai-ping, HAN Yue	(63)
Simultaneous Determination of Triazine Pesticides in Honey by Using UHPLC-HRMS Combined with DSPE	
HE Li-jun, CHEN Hao, WENG Shu-qin, ZHENG Wan-yu, YAN Guo-hong, HU Min, LI De-sen	(71)
Comparison on Pharmacokinetics of Active Constituents from Zhizi Dahuang Tang in Normal and Alcoholic Liver Injury Rats	
ZHU He-yun, BI Kai-shun, HAN Fei, GUAN Jiao, ZHANG Xiao-shu, MAO Xin-juan, HOU Xiao-hong, YIN Ran	(77)
Effect of Dosage on Pharmacokinetic Characteristics of Total Alkaloids from <i>Aconiti Lateralis Radix Praeparata</i> in Rats	
LI Yan, ZHAO Meng-jie, YUAN An, GONG Xiao-hong, PENG Cheng, LI Yun-xia	(82)
Effect of Quanzhen Yiqi Tang on Inflammatory Cytokines and Pulmonary Ultrastructure of Mice with Chronic Obstructive Pulmonary Disease	
YANG Xiao-peng, LI Xiu-juan, LIANG Jin-yu, LIN Yong-ping, ZHANG Da-peng, ZHANG Zhi-min	(86)
Reversal Effect of Hyperin on Vincristine-Resistant Colon Cancer HCT8/VCR Cells	
WANG Li-min, YANG Yu, ZHANG Ming-yuan, LU Chun-feng, ZHU Qiu-shuang	(92)
Effect of Serum Containing Banxia Xiexin Tang on Growth and Proliferation of Bone Mesenchymal Stem Cells in Gastric Carcinoma Microenvironment	
YANG Bo-lin, LIU Xi-ping, CUI Guo-ning, DONG Jun-gang, MING Hai-xia, XIN Bao, WU Gao-feng	(97)
Effect of Polysaccharide from Semen Plantaginis on Membranous Nephropathy Rats	
LIU Ying-fei, WANG Qiu-hong, ZHAO Hong, GUAN Yong-zhou, CHAI Gui-fang, KUANG Hai-xue	(103)
Intervention Effect of Modified Yupinfeng San on COPD Airway Remodeling	
CHENG Yu, CHEN Jing, ZHANG Xiao-mei, YANG Zhong-shan, YUAN Jia-li, CHEN Yu	(108)
Effect of Total Flavonoids of <i>Oxytropis falcate</i> Bunge on Blood Glucose and Insulin Resistance in Type 2 Diabetic KKAY Mice	
WANG Zhi-cheng, YANG Li-xia, LI Xue-ying, JIANG Liang-en, ZHANG Bang-neng, SUN Wen, LIU Tong-hua	(113)
Effect and Mechanisms of Danxi Tongfeng Fang on Permeability of Blood Brain Barrier and β-Amyloid₁₋₄₀ of Hippocampus in Alzheimer's Disease Mice	
ZHANG Xiao-jie, FEI Hong-xin, LIU De-shui, ZHANG Ying-bo	(118)

Schisandrae Chinensis Fructus Polysaccharide Protects Against Chemotherapy-Induced Enteritis in Mice Models	
ZHOU Wei-dong, XIANG Lei, CHEN Ze-wei, LU Han-qi, LUO Ren, SUN Xiao-min, ZHAO Xiao-shan, TAN Wei	(124)
Inhibitory Effect of Shenqi Yiliu Decoction on Proliferation and Metastasis of Gastric Cancer Cell Lines MKN-45	
LI Hong-liang, WU Hong-yan, LI Hai-long, MA Chun-lin, ZHANG Ce, SHI Jin-feng, ZHANG Yan	(129)
Intervention Effect of Gehua Jiejiu Dizhi Decoction on Alcoholic Fatty Liver and Liver PXR, CAR Expression in Mice	
YI Xu, YOU Shao-wei, LONG Yi, WANG Shuo-shi, LU Dao-min	(134)
Effect of Geraniin on Osteogenic Gene Expression of Murine Bone Marrow Mesenchymal Stem Cells During Osteogenic Induction	
ZHANG Zhe, XU Xiu-juan, LIU Xin, ZHANG Yan-fen, TANG Si-wen, WANG Hai-rong	(140)
Effect of Water Extract of <i>Periplaneta americana</i> on Scald Model in Mice	
YANG Sheng-qun, XIONG Xi, ZOU Jun-bo, ZHANG Tong, SANG Wen-tao, ZENG Nan	(145)
Effect of Salviae Miltiorrhizae Radix et Rhizoma in Shenxiong Glucose Injection on Cytochrome P450 in Mice	
WANG Wen-hua, YANG Yang, WU Qiong, ZHENG Lin, LI Li, HE Bin, WANG Ai-min, LI Yong-jun, LIU Ting	(150)
Effect of Sijunzi Tang in Promoting Migration and Proliferation of Small Intestinal Epithelial Cells by Up-Regulating c-Myc Expression	
SONG Hou-pan, LI Ru-yi, WEI Yan-xia, LI Xin, YU Huang-he, YUAN Zhen-yi, CAI Xiong, HUANG Hui-yong, LIU Cui-ling	(154)
Effect of Yanghetang in Chemotherapeutic Enhancement Response Among Patients of Advanced Gastric Cancer with Syndrome of Yang Deficiency and Cancer Inflammatory Factors Treg and MDSCs	
TIAN Tong-de, YANG Feng, YUE Li-yun, WANG Xin-xin, SHI Bian	(160)
Clinical Effect of Yangyin Qingre Huayu Decoction Combined with Thoracic Radiotherapy on Acute Radiation Pneumonia	
LI Chao, GU Li-li, CHEN Gui-ming, PENG Bing, WANG Jiang-guo, SONG Wei, KONG Qing-zhi	(165)
Clinical Observation of Tiaojing Zhuyu Decoction on Polycystic Ovarian Syndrome with Ovulation Inhibition and Syndrome of Kidney Deficiency and Blood Stasis	
XIANG Yu, YANG Hui-lin, MA Ying-lan, MA Yu-xiu	(170)
Clinical Analysis on Modified Lianggesan Combined with Western Therapy on Erosive Oral Lichen Planus with Syndrome of Accumulated Heat in Heart and Spleen for Adolescent Patients	
ZHENG Lei, LIU Ying-fei	(175)
Prediction of Therapeutic Mechanism of Paeoniae Radix Alba-Glycyrrhizae Radix et Rhizoma Herbal Pair in Treating Osteoarthritis	
CHENG Shi-ping, ZHOU Ping-sheng, ZHAO Ning, LYU Cheng, LYU Ai-ping, TAN Yong	(180)
Systematic Evaluation of Efficacy and Safety of Buyang Huanwu Tang in Preventing Oxaliplatin-induced Peripheral Neurotoxicity in Cancer Patients	
WEI Xiao-chen, WANG Hui, ZHU Li-qin, WANG Chun-ge, DENG Qi, LI Xin	(186)
Research Progress of Chemical Constituents and Pharmacological Activities from Three Commonly Used Ban-feng-he Medicinal Plants	
YANG Li, WANG Ya-qi, LIU Sheng-zhang, HE Jun-wei	(191)
Research Progress on Effective Components and Efficacy of <i>Phellinus igniarius</i>	
SHI Zhen-ting, BAO Hai-ying	(197)

Responsible editor: GU Xue-zhu

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

ISSN 1005-9903



定价：35.00元