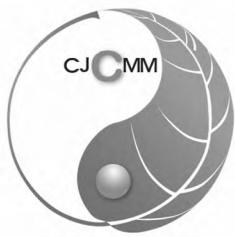


原书缺封面



中国中药杂志

Zhongguo Zhongyao Zazhi

半月刊

1955 年 7 月创刊

第 39 卷

第 16 期

2014 年 8 月 15 日出版

主 编 王永炎
主 管 中国科学技术协会
主 办 中国药学会
编辑出版 中国中药杂志编辑部
地址 北京市东直门内南小街 16 号
邮编 100700
电话 (010)64045830(市场部)
传真 (010)84022522
网址 www. 中国中药杂志. com
www. cjemm. com. cn
E-mail cjemm2006@188. com

市场总代理 数源汇通(北京)医药科技有限公司
地址:北京市海淀区西三环北路 11 号海通时代商务中心 A1 座
电话:(010)68469867-6003
传真:(010)68468457
邮箱:enyyxyx@163. com

印 刷 北京华正印刷有限公司
国内发行 北京市报刊发行局
国外发行 北京国际图书贸易总公司
100044,北京 399 信箱
订 阅 全国各地邮电局
国内邮发代号 245
国外邮发代号 SM399
出版日期 2014 年 8 月 15 日
标准刊号 ISSN 1001-5302
CN 11-2272/R
国内定价 每期 40 元,全年 960 元

目 次

· 综述 ·

- 血小板在活血化瘀中药研究中的应用
王凤琴, 陈岑, 夏之宁, 杨丰庆 (2993)
汉黄芩素抗肿瘤和免疫调节作用的研究进展
肖炜明, 卜平, 龚卫娟 (3004)
代谢组学在中药现代研究的应用与展望
秦昆明, 王彬, 陈林伟, 章茂森, 杨光明, 束雅春,
蔡宝昌 (3010)

· 资源与鉴定 ·

- 基于遥感与 GIS 技术的中藏药波棱瓜种植面积估算
——以泸定县冷碛镇、兴隆镇为例
潘荟交, 毛欢, 彭文甫, 樊淑云, 方清茂, 刘显福 (3018)
南药植物高良姜内生真菌群体多样性及其组织分布
周仁超, 黄娟, 李泽恩, 李淑彬 (3023)
TDZ 和 NAA 对老鸦瓣不定芽诱导和丛生芽增殖的影响
朱丽芳, 徐超, 朱再标, 杨鹤同, 郭巧生, 徐红建,
马宏亮, 赵桂华 (3030)
食用菌菌渣缓解地黄连作障碍的研究
茹瑞红, 李烜桢, 黄晓书, 高峰, 王建明, 李本银,
张重义 (3036)
太子参种子品质检验方法及质量分级标准研究
肖承鸿, 周涛, 江维克, 陈敏, 熊厚溪, 廖明武 (3042)
丹参毛状根的诱导及培养条件的优化
谈荣慧, 张金家, 赵淑娟 (3048)
重金属铅胁迫对人参光合特征与皂苷含量的影响
梁尧, 姜晓莉, 杨粉团, 曹庆军, 李刚 (3054)
山银花(灰毡毛忍冬)适宜采收期研究
李隆云, 张应, 马鹏, 吴叶宽 (3060)

· 制剂与炮制 ·

- 波棱素脂质体冻干粉针的制备及初步安全性和药效学研究
张鑫, 谭睿, 顾健, 何黎黎, 章雷, 龚普阳 (3065)
- 近红外光谱技术在热毒宁注射液萃取液浓缩过程中的应用研究
张亚非, 左翔云, 毕宇安, 吴建雄, 王振中, 李萍, 萧伟 (3069)
- 硫熏白芍的质量评价
王赵, 陈玉武, 王琼, 孙磊, 许玮仪, 金红宇, 马双成 (3074)
- 超声辅助酶解人参总皂苷制备人参稀有皂苷 Compound K 的研究
于兆慧, 刘其媛, 崔莉, 贾晓斌, 金鑫, 张振海 (3079)
- 黄连药材加工方法与商品规格等级调查
黄河, 柳鑫, 黄璐琦, 杨艳芳, 吴和珍 (3085)

· 化学 ·

- 中华苦荬菜根部化学成分研究
张树军, 王丹, 许策, 王金兰, 赵明 (3089)
- 裸花紫珠化学成分及细胞毒活性研究
马燕春, 张旻, 徐文彤, 冯世秀, 雷鸣, 易博 (3094)
- 红花注射液化学成分及其活性研究
赵剑锋, 刘静, 郭颖, 刘倩, 戴忠, 马双成, 林瑞超 (3102)
- 毛重楼的化学成分研究
刘潇潇, 王磊, 隆颖, 孙丽丽, 王强 (3107)
- 小槐花大极性部位的化学成分研究
朱丹, 王帝, 王光辉, 郭志坚, 邹秀红, 林挺, 陈海峰 (3112)
- 人参茎叶霜冻前后的质量变化
赵岩, 马爽, 蔡恩博, 刘双利, 杨鹤, 张连学, 王士杰 (3117)
- 不同产地和不同生长期的浙江雪胆有效成分积累变化
杨王伟, 雷祖培, 王为民, 梁卫青, 周莹莹, 金孝锋 (3123)
- 土槿皮药材定量方法研究
陈丽斯, 区嘉菊, 李书渊, 陆颂规 (3128)

· 药理 ·

- 亚硝胺致食管癌前病变时 Wnt 通路抑制因子的变化及膈下逐瘀汤的影响
施文荣, 刘艳, 谢金东, 卓实, 涂春香, 谢佐福 (3131)
- 基于“组分结构”理论的 8 种墨旱莲乙酸乙酯提取物对 NHBE 细胞保护作用的比较
丁淑敏, 刘丹, 封亮, 朱粉霞, 谭晓斌, 贾晓斌 (3136)
- 菠萝叶酚体外 HepG2 细胞跨膜转运及其对糖脂分布的影响
庞雨浓, 柴玉爽, 姜敬非, 王欣佩, 余煊, 雷帆, 邢东明, 杜力军 (3142)
- 基于网络药理学探析复方阿胶浆辅助治疗肿瘤的作用机制研究
许海玉, 王松松, 杨洪军, 边宝林, 田守生, 王东亮, 卢朋, 周祥山, 尤金花, 黄璐琦 (3148)
- 侧柏炭止血作用活性部位筛选
刘晨, 柳佳, 郑传柱, 张丽, 丁安伟, 喻斌 (3152)
- 虎杖苷对 NRK-52E 细胞缺血再灌注损伤时 TLR-4 表达的抑制作用
黎颖, 熊维建, 杨敬, 钟锦, 郑劲, 张玲, 欧阳晓琴 (3157)

| | |
|--|--------|
| 丹参调节肾组织 AQP ₂ 效应与其“活血利尿”关系 | |
| 董晓静, 郭亮锋, 姚锐, 薛松妍, 李锋..... | (3162) |
| · 药代动力学 · | |
| 基于 MI-RI 大鼠心肌细胞代谢组学研究四逆汤中附子配伍甘草解毒增效机制 | |
| 李莹, 傅超美, 任波, 刘圆, 高飞, 杨欢, 彭伟, 甘彦雄 | (3166) |
| · 临床 · | |
| 骨质疏松症与骨性关节炎中医治疗方剂用药规律比较分析 | |
| 郑自然, 唐仕欢 | (3172) |
| · 民族药 · | |
| 谈少数民族地区民族医药产业的可持续发展 | |
| 叶华, 刘树林, 翟永松, 黄明进, 张立东..... | (3176) |
| 畲族野生药用植物资源及应用的调查研究 | |
| 雷后兴, 李建良, 郑宋明, 樊理华, 李水福, 程文亮, 华金渭, 余华丽, 戴德雄, 谢元伟 | (3180) |
| 蒙药炮制的现状及其规范化的建议 | |
| 包勒朝鲁, 红梅, 阿润, 那生桑 | (3184) |
| · 药事管理 · | |
| 中药产业链结构复杂性分析 | |
| 刘盈, 李祺, 汪晓凡 | (3187) |
| 中药新药研发中药材研究需关注的问题 | |
| 周刚, 王停, 何燕萍 | (3192) |
| · 学术探讨 · | |
| 基于可靠性理论的中药注射剂质量风险网络分析 | |
| 李正, 康立源, 范骁辉 | (3196) |
| 金世元学术思想传承及临床用药经验(一) | |
| 金艳, 罗容, 黄璐琦 | (3200) |
| 壮骨止痛胶囊抗实验性绝经后骨质疏松作用的三维组学分析 | |
| 李劲平, 曾英, 雷晓明, 张国民, 刘慧萍, 莫新民 | (3203) |
| 我国药物临床试验机构现状分析 | |
| 陈寅莹, 吴萍, 王阶 | (3208) |
| · 信息 · | |
| 欢迎订阅 2015 年度《中国实验方剂学杂志》 | (3009) |
| 《环球中医药》征订征稿启事 | (3064) |
| 中国化学会第十届全国天然有机化学学术会议通知(第一轮) | (3122) |
| 作者更正 | (3202) |



CHINA JOURNAL OF CHINESE MATERIA MEDICA (Semimonthly)

Started in July, 1955

Volume 39 Issue 16 August 2014

Editor-in-Chief

WANG Yong-yan

Responsible Institution

China Association for Science and Technology

Sponsored by

Chinese Pharmaceutical Association

Edited and Published by

Editorial Board of China Journal of Chinese
Materia Medica

Address: 16 Nanxiaojie, Inner Dongzhimen

Beijing 100700, China

Tel: 0086-10-64045830

Fax: 0086-10-84022522

E-mail: ejemm2006@188.com

http://www.ejomm.com.cn

Printed by

Beijing Huazheng Printing Co., Ltd.

Overseas Distributor

China International Book Trading Corpora-
tion, PO Box 399, Beijing 100044, China

2014, Vol. 39 Issue 16

Publication Date

August 15, 2014

ISSN 1001-5302

CN 11-2272/R

CONTENTS IN BRIEF

Applications of platelets in studies on traditional Chinese medicines promoting blood circulation to remove blood stasis

WANG Feng-qin, CHEN Cen, XIA Zhi-ning, YANG Feng-qing (3003)

Advance in studies on antitumor and immunomodulatory effects of wogonin

XIAO Wei-ming, BU Ping, GONG Wei-juan (3009)

Perspective and application of metabolomics in modern study of traditional Chinese medicine

QIN Kun-ming, WANG Bin, CHEN Lin-wei, ZHANG Mao-sen,
YANG Guang-ming, SHU Ya-chun, CAI Bao-chang (3017)

Planting area estimation of Chinese Tibetan medicine *Herpetospermum pedunculosum* based on RS&GIS-by case study of Lengqi and Xinglong town in Luding county

PAN Hui-jiao, MAO Huan, PENG Wen-fu, FAN Shu-yun,
FANG Qing-mao, LIU Xian-fu (3022)

Diversity and tissue distribution of fungal endophytes in *Alpinia officinarum*: an important south-China medicinal plant

ZHOU Ren-chao, HUANG Juan, LI Ze-en, LI Shu-bin (3029)

Impact of TDZ and NAA on adventitious bud induction and cluster bud multiplication in *Tulipa edulis*

ZHU Li-fang, XU Chao, ZHU Zai-biao, YANG He-tong, GUO Qiao-sheng,
XU Hong-jian, MA Hong-liang, ZHAO Gui-hua (3035)

Effect of substrate of edible mushroom on continuously cropping obstacle of *Rehmannia glutinosa*

RU Rui-hong, LI Xuan-zhen, HUNAG Xiao-shu, GAO Feng,
WANG Jian-ming, LI Ben-yin, ZHANG Zhong-yi (3041)

Study on seed quality test and quality standard of *Pesudostellaria heterophylla*

XIAO Cheng-hong, ZHOU Tao, JIANG Wei-ke, CHEN Min,
XIONG Hou-xi, LIAO Ming-wu (3047)

Optimization of induction and culture conditions for hairy roots of *Salvia miltiorrhiza*

TAN Rong-hui, ZHANG Jin-jia, ZHAO Shu-juan (3053)

| | |
|---|--------|
| Effects of lead stress on net photosynthetic rate, SPAD value and ginsenoside production in Ginseng (<i>Panax ginseng</i>) | |
| LIANG Yao, JIANG Xiao-li, YANG Fen-tuan, CAO Qing-jun, LI Gang | (3059) |
| Study on optimal harvest period of Lonicera Flos(<i>Lonicera macranthoides</i>) | |
| LI Long-yun, ZHANG Ying, MA Peng, WU Ye-kuan | (3064) |
| Preparation of herpetin lyophilized liposome and evaluation on its safety and pharmacodynamics | |
| ZHANG Xin, TAN Rui, GU Jian, HE Li-li, ZHANG Lei, GONG Pu-yang | (3068) |
| Application of near-infrared spectroscopy technology in extraction and concentration process of Reduning injection | |
| ZHANG Ya-fei, ZUO Xiang-yun, BI Yu-an, WU Jian-xiong, WANG Zhen-zhong, LI Ping, XIAO Wei | (3073) |
| Quality assessment of sulfur-fumigated Paeoniae Alba Radix | |
| WANG Zhao, CHEN Yu-wu, WANG Qiong, SUN Lei, XU Wei-yi, JIN Hong-yu, MA Shuang-cheng | (3078) |
| Ultrasound assisted the enzymolysisof ginsenosides to prepare pare ginseng saponin Compound K | |
| YU Zhao-hui, LIU Qi-yuan, CUI Li, JIA Xiao-bin, JIN Xin, ZHANG Zhen-hai | (3084) |
| Level investigation on Coptidis Rhizoma processing methods and product specifications | |
| HUANG He, LIU Xin, HUANG Lu-qi, YANG Yan-fang, WU He-zhen | (3088) |
| Chemical constituents from roots of <i>Ixeris chinensis</i> | |
| ZHANG Shu-jun, WANG Dan, XU Ce, WANG Jin-lan, ZHAO Ming | (3093) |
| Chemical constituents from <i>Callicarpa nudiflora</i> and their cytotoxic activities | |
| MA Yan-chun, ZHANG Min, XU Wen-tong, FENG Shi-xiu, LEI Ming, YI Bo | (3101) |
| Chemical constituents from Safflower injection and their bioactivity | |
| ZHAO Jian-feng, LIU Jing, GUO Ying, LIU Qian, DAI Zhong, MA Shuang-cheng, LIN Rui-chao | (3106) |
| Chemical constituents from <i>Paris mairei</i> | |
| LIU Xiao-xiao, WANG Lei , LONG Ying, SUN Li-li, WANG Qiang | (3111) |
| Chemical constituents in higher polar substances from <i>Desmodium caudatum</i> | |
| ZHU Dan, WANG Di, WANG Guang-hui, GUO Zhi-jian, ZOU Xiu-hong, LIN Ting, CHEN Hai-feng | (3116) |
| Research on quality changes in ginseng stems and leaves before and after frost | |
| ZHAO Yan, MA Shuang, CAI En-bo, LIU Shuang-li, YANG He, ZHANG Lian-xue, WANG Shi-jie | (3122) |
| Changed accumulation of active ingredient in different localities and growth period of <i>Hemsleya zhejiangensis</i> | |
| (Cucurbitaceae) | |
| YANG Wang-wei, LEI Zu-pei, WANG Wei-min, LIANG Wei-qing, ZHOU Ying-ying, JIN Xiao-feng | (3127) |
| Study on quantitative methods of Cleistocalycis Operculati Cortex | |
| CHEN Li-si, OU Jia-ju, LI Shu-yuan , LU Song-gui | (3130) |
| Changes in Wnt pathway inhibiting factors in nitrosamine-induced esophageal precancerosis lesions and effect of Gexia Zhuyu decoction | |
| SHI Wen-rong, LIU Yan, XIE Jin-dong, ZHUO Shi, TU Chun-xiang, XIE Zuo-fu | (3135) |
| Comparison of protective effects of eight ethyl acetate extracts from <i>Eclipta prostrata</i> on NHBE cells based on component structure theory | |
| DING Shu-min, LIU Dan, FENG Liang, ZHU Fen-xia, TAN Xiao-bin, JIA Xiao-bin | (3141) |

| | |
|---|--------|
| Transmembrane transport behavior of <i>in vitro</i> HepG2 cells of ananas and its effect on lipids and glucose distribution | |
| PANG Yu-nong, CHAI Yu-shuang, JIANG Jing-fei, WANG Xin-pei, YU Xuan, LEI Fan, XING Dong-ming, DU Li-jun | (3147) |
| Study on action mechanism of adjuvant therapeutic effect compound Ejiao slurry in treating cancers based on network pharmacology | |
| XU Hai-yu, WANG Song-song, YANG Hong-jun, BIAN Bao-lin, TIAN Shou-sheng, WANG Dong-liang, LU Peng, ZHOU Xiang-shan, YOU Jin-hua, HUANG Lu-qi | (3151) |
| Filtration of active fractions with hemostasis effect from Platycladi Cacumen Carbonisatum | |
| LIU Chen, LIU Jia, ZHENG Chuan-zhu, ZHANG Li, DING An-wei, YU Bin | (3156) |
| Inhibitory effect of polydatin on expression of toll-like receptor 4 in ischemia-reperfusion injured NRK-52E cells | |
| LI Ying, XIONG Wei-jian, YANG Jing, ZHONG Jin, ZHENG Jin, ZHANG Ling, OUYANG Xiao-qin | (3161) |
| Relationship between regulation effect of Salvia Miltorrhiza on AQP₂ in kidney and promoting blood circulation and diuresis | |
| DONG Xiao-jing, GUO Liang-feng, YAO Rui, XUE Song-yan, Li Feng | (3165) |
| Study on attenuate and synergistic mechanism between Aconiti Lateralis Praeparata Radix and Glycyrrhizae Radix for toxicity reduction based on metabonomic of MI-RI mouse cardiomyocytes | |
| LI Ying, FU Chao-mei, REN Bo, LIU Yuan, GAO Fei, YANG Huan, PENG Wei, GAN Yan-xiong | (3171) |
| Comparative analysis on composition principles of traditional Chinese medicine prescriptions for osteoporosis and osteoarthritis | |
| ZHENG Zi-ran, TANG Shi-huan | (3175) |
| Study on sustainable development of industry of ethnic medicine in minority area | |
| YE Hua, LIU Shu-lin, ZHAI Yong-song, HUANG Ming-jin, ZHANG Li-dong | (3179) |
| Resources and application of She's nationality wild medicinal plants | |
| LEI Hou-xing, LI Jian-liang, ZHENG Song-ming, FAN Li-hua, LI Shui-fu, CHENG Wen-liang, HUA Jin-wei, YU Hua-li, DAI De-xiong, XIE Yuan-wei | (3183) |
| Present situation of processing of traditional Mongolian medicine and its normalized suggestion | |
| BAOLE Chao-lu, HONG Mei, A Run, NA Sheng-sang | (3186) |
| Analysis of complexity in Chinese materia medica industrial chain | |
| LIU Ying, LI Qi, WANG Xiao-fan | (3191) |
| Problems in medicinal materials research of new traditional Chinese medicine | |
| ZHOU Gang, WANG Ting, HE Yan-ping | (3195) |
| Reliability theory based on quality risk network analysis for Chinese medicine injection | |
| LI Zheng, KANG Li-yuan, FAN Xiao-hui | (3199) |
| Inheritance of academic idea and experience about using traditional Chinese medicine from JIN Shi-yuan | |
| JIN Yan, LUO Rong, HUANG Lu-qi | (3202) |
| Tri-dimensional omics analysis on effect of Zhuanggu Zhitong capsule against experimental postmenopausal osteoporosis | |
| LI Jin-ping, ZENG Ying, LEI Xiao-ming, ZHANG Guo-min, LIU Hui-ping, MO Xin-min | (3207) |
| Situation analysis for drug clinical trial institutions | |
| CHEN Yin-ying, WU Ping, WANG Jie | (3210) |

原书缺封底