

ISSN 1005-9903  
CN 11-3495/R

# 中国

# 实验方剂学杂志

ZHONGGUO SHIYAN FANGJIXUE ZAZHI

CHINESE JOURNAL OF  
EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

中文核心期刊  
CSCD来源期刊  
RCCSE中国核心学术期刊  
美国《化学文摘》统计源期刊

主管：国家中医药管理局

主办：中国中医科学院中药研究所

中国中西医结合学会中药专业委员会



关注杂志官方微信

ISSN 1005-9903



9 771005 990153

2015年12月 第21卷 第24期  
December Vol.21 No.24  
本卷卷终

24  
2015

# 中国实验方剂学杂志

Zhongguo Shiyang Fangjixue Zazhi

半月刊      1995 年 10 月创刊      第 21 卷      第 24 期      2015 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  
中国中西医结合学会中药  
专业委员会  
(100700 北京市东直门内南小街 16 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.syfjxx.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 ·                                                                 |        |
| 四逆汤中干姜与其他药味配伍后姜辣素成分的变化规律<br>蒋燕萍, 彭伟, 曹丽梅, 游宇, 高飞, 傅超美·····                | ( 1 )  |
| 板蓝根提取液中有效成分的吸收转运特性分析<br>马丽, 何茂秋, 骆瀚超, 张晓燕·····                            | ( 5 )  |
| 根皮素固体分散体的制备和表征<br>韩雷, 马诗经, 江森, 张玉, 何燕, 杜志云, 张焜·····                       | ( 10 ) |
| 壳聚糖修饰的载穿心莲内酯介孔二氧化硅纳米粒的制备<br>及其 pH 响应性释药性能考察<br>唐涛, 臧巧真, 龙凯花, 王春柳, 李晔····· | ( 14 ) |
| Box-Behnken 设计优化庙宇党参中党参炔苷和党参总多<br>糖提取工艺<br>冯彬彬, 张建海, 牛小花, 祝慧凤·····        | ( 18 ) |
| · 化学与分析 ·                                                                 |        |
| 连翘叶化学成分<br>范毅, 陈玲, 朱杰, 张海艳, 董建军, 赵天增·····                                 | ( 22 ) |
| 裸花紫珠黄酮苷类化合物的分离与结构鉴定<br>潘争红, 颜冬兰, 宁德生, 谷陟欣, 李典鹏, 黄胜,<br>刘金磊·····           | ( 26 ) |
| 柱前衍生化高效液相色谱分析云南松松塔多糖的单糖组成<br>张海珠, 史志婷, 王莹, 刘熙, 周萍·····                    | ( 30 ) |
| 五倍子多糖相对分子质量和单糖组成的测定<br>冀力民, 刘伟, 卓海燕, 张红刚, 李森, 何琴, 林丽美,<br>李顺祥·····        | ( 34 ) |
| 3 种种源铁皮石斛叶黄酮类成分 HPLC 特征图谱比较<br>黄月纯, 谢镇山, 任晋, 叶家宏, 魏刚·····                 | ( 37 ) |
| 黑莓籽油化学成分及抗氧化活性<br>尹震花, 张伟, 张娟娟, 张勇, 康文艺·····                              | ( 41 ) |
| HPLC-DAD 测定天然橡胶乳清中白坚木皮醇<br>董铁山, 王建龙, 曾日中, 黄茂芳, 桂红星·····                   | ( 45 ) |
| 毛血藤挥发性成分 GC-MS 分析<br>杨胜勇, 朱梦如, 张洁, 陆宽, 高玉琼·····                           | ( 48 ) |
| 三七发酵产物总皂苷指纹图谱<br>闫炳雄, 贺帅, 许文迪, 张晓倩, 邱智东, 王伟楠·····                         | ( 52 ) |
| HPLC 同时测定茵山莲颗粒中 5 个有效成分的含量<br>张宏梅, 崔佰吉, 姚鑫, 冯宪敏·····                      | ( 57 ) |



· 资源与鉴定 ·

|                              |        |
|------------------------------|--------|
| 基于连作障碍条件下穿山龙无机元素吸收规律及总皂苷含量分析 |        |
| 姚佳, 尹海波, 赵容, 贾晓晴, 邵飞         | ( 61 ) |
| 南寒水石的生药学研究                   |        |

|                            |        |
|----------------------------|--------|
| 张彩虹, 曹赞, 古锐, 钟世红, 谢雪花, 张静波 | ( 65 ) |
|----------------------------|--------|

· 药物代谢 ·

|                                  |        |
|----------------------------------|--------|
| 葡萄内酯在大鼠体内的组织分布                   |        |
| 叶喜德, 许小强, 张建康, 马琳, 黄兆胜, 欧阳辉, 杨武亮 | ( 69 ) |

· 药理 ·

|                                    |        |
|------------------------------------|--------|
| 葛花解酲方对肝癌细胞原位移植瘤小鼠端粒酶蛋白表达水平的影响      |        |
| 王镜辉, 唐东昕, 黄慧, 罗莉, 龙奉玺, 李军, 王定雪, 杨柱 | ( 73 ) |

|                            |        |
|----------------------------|--------|
| 牛黄解毒片配伍对雄黄肝毒性的影响及其与凋亡调控的关系 |        |
| 董菊, 项馨立, 王子好, 詹臻           | ( 79 ) |

|                                  |        |
|----------------------------------|--------|
| 藤梨根中乌苏烷三萜化合物 A 对宫颈癌 HeLa 细胞增殖的影响 |        |
| 程齐来, 喻亚飞, 李映辰, 黄志勤, 刘塔斯          | ( 84 ) |

|                                                 |        |
|-------------------------------------------------|--------|
| 平喘宁对哮喘大鼠 Bcl-2, Bax, EGF mRNA 及 PDGF mRNA 表达的影响 |        |
| 方向明, 朱佳琪, 王智星                                   | ( 88 ) |

|                              |        |
|------------------------------|--------|
| 加味四逆散对青少期应激模型大鼠行为学和 HPA 轴的影响 |        |
| 郭丽丽, 史亚飞, 袁玉梅, 吴皓萌, 徐志伟      | ( 94 ) |

|                                                           |        |
|-----------------------------------------------------------|--------|
| 丹皮酚对急性心肌梗死模型大鼠心肌病理改变及 TGF- $\beta_1$ , Collagen III 表达的影响 |        |
| 时召平, 周晓慧, 徐倩, 赵静怡, 曹凯                                     | ( 98 ) |

|                                               |         |
|-----------------------------------------------|---------|
| 人参皂苷 Rb <sub>1</sub> 对异丙肾上腺素诱导大鼠急性心肌缺血影响的作用机制 |         |
| 冷雪, 张立德, 贾连群, 臧安缘, 曹静, 李其芳, 袁芳君, 郭训           | ( 104 ) |

|                                    |         |
|------------------------------------|---------|
| 双去甲氧基姜黄素通过降低线粒体膜电位诱导人白血病 K562 细胞凋亡 |         |
| 苗久旺, 张钦德, 王洪波, 傅风华                 | ( 109 ) |

|                        |         |
|------------------------|---------|
| 小檗碱对阿霉素诱导心肌细胞损伤的保护作用研究 |         |
| 郝刚, 俞蕴莉                | ( 114 ) |

|                                            |         |
|--------------------------------------------|---------|
| 狗蚁草乙酸乙酯提取物对 CCl <sub>4</sub> 所致肝纤维化小鼠的保护作用 |         |
| 曹思思, 郑作文                                   | ( 119 ) |

|                                                       |         |
|-------------------------------------------------------|---------|
| 紫菀酮对脂多糖诱导巨噬细胞释放 IL-1 $\beta$ , TNF- $\alpha$ 及 NO 的影响 |         |
| 王芳, 任刚, 熊永爱, 赵海平, 杨明                                  | ( 123 ) |

|                            |         |
|----------------------------|---------|
| 细辛挥发油抗过敏性鼻炎有效成分及靶点预测的研究    |         |
| 唐锋, 梁少瑜, 田元新, 陈飞龙, 黄瑶, 谭晓梅 | ( 126 ) |

|                                |         |
|--------------------------------|---------|
| 心脑血管提取物对异丙肾上腺素诱导大鼠心肌缺血的保护作用及机制 |         |
| 潘金火, 李姗姗, 任卫高, 雷飞飞, 孙成祥, 蒋志涛   | ( 132 ) |

|                           |         |
|---------------------------|---------|
| 护肝片对四氯化碳致大鼠慢性肝损伤肝阴虚证的保护作用 |         |
| 梁增荣, 龙梓, 陈少锐, 钟婉华, 崔升森    | ( 137 ) |

|                                                            |         |
|------------------------------------------------------------|---------|
| 18- $\beta$ 甘草次酸长期灌胃对大鼠肾脏的影响                               |         |
| 席克虎, 张小兵, 杨贵军, 陈小婉, 桂岩, 王有虎, 张福宏, 马春霞, 洪浩, 刘翔毅, 马毅, 江英, 董明 | ( 142 ) |

· 临床 ·

|                                   |         |
|-----------------------------------|---------|
| 紫丹银屑颗粒联合窄谱中波紫外线治疗血虚风燥证寻常型银屑病的临床分析 |         |
| 胡银娥, 张俊士, 代淑芳, 瞿伟, 王斌             | ( 148 ) |

|                               |         |
|-------------------------------|---------|
| 补中益气汤对胃癌术后气虚血瘀证胃肠功能恢复和营养状况的影响 |         |
| 刘凯, 王本军, 马恒, 宋希林, 卞瑞祺         | ( 152 ) |

|                                        |         |
|----------------------------------------|---------|
| 化滞柔肝颗粒治疗湿热蕴结证非酒精性脂肪肝                   |         |
| 杨书山, 郭洋, 李彤, 苏振武                       | (157)   |
| 盐酸川芎嗪注射液联合补阳还五汤对气虚血瘀证急性脑梗死血液黏度及凝血因子的影响 |         |
| 唐石磊, 高园林                               | (161)   |
| 清热祛痹汤治疗湿热痹型膝关节骨性关节炎疗效观察                |         |
| 何军雷, 李成光, 王温, 王章雯                      | (165)   |
| 香砂八珍汤联合肠内营养对消化道肿瘤术后患者免疫功能的影响           |         |
| 李绥邦, 许延林                               | (169)   |
| · 数据挖掘 ·                               |         |
| 传统中药中 H7N9 病毒神经氨酸酶抑制剂的计算机虚拟筛选          |         |
| 史海龙, 崔亚亚, 李军, 王玉成, 李贤杨, 陈哲, 肖磊         | (173)   |
| · Cochrane 系统评价 Meta 分析专栏 ·            |         |
| 小青龙汤治疗小儿咳嗽变异性哮喘的 Meta 分析               |         |
| 郭震浪, 王俊月, 苏振宁, 王正飞, 罗晓牧                | (181)   |
| 参芪扶正注射液联合 NP 化疗方案治疗晚期非小细胞肺癌的 Meta 分析   |         |
| 郭震浪, 苏振宁, 戴韵峰, 王正飞, 罗晓牧                | (186)   |
| 中西医结合治疗小儿咳嗽变异性哮喘的 Meta 分析              |         |
| 郭震浪, 苏振宁, 王正飞, 罗晓牧                     | (192)   |
| 葛根芩连汤治疗小儿轮状病毒性肠炎疗效的 Meta 分析            |         |
| 郭震浪, 苏振宁, 戴韵峰, 王正飞, 罗晓牧                | (199)   |
| 四君子汤加减治疗慢性萎缩性胃炎的 Meta 分析               |         |
| 郭震浪, 苏振宁, 王正飞, 罗晓牧                     | (204)   |
| 四君子汤合痛泻要方加减治疗腹泻型肠易激综合征的 Meta 分析        |         |
| 郭震浪, 苏振宁, 王正飞, 罗晓牧                     | (209)   |
| 小柴胡汤治疗中风后眩晕的 Meta 分析                   |         |
| 郭震浪, 王俊月, 苏振宁, 王正飞, 罗晓牧                | (214)   |
| 半夏泻心汤加减治疗反流性食管炎疗效的 Meta 分析             |         |
| 郭震浪, 苏振宁, 王正飞, 罗晓牧                     | (219)   |
| · 学术探讨 ·                               |         |
| 新常态下中药产业废弃物资源化的思考——新结构经济学的视角           |         |
| 王玉芬, 申俊龙                               | (225)   |
| · 综述 ·                                 |         |
| 树参属化学成分与生物活性研究进展                       |         |
| 王秀梅, 杨丽, 何军伟, 任刚, 杨明, 钟国跃              | (229)   |
| · 信息 ·                                 |         |
| 《中国实验方剂学杂志》入选 2015—2016 年度 CSCD (E)    | (29)    |
| 《中国实验方剂学杂志》声明                          | (103)   |
| 《中国实验方剂学杂志》被评为“RCCSE 中国核心学术期刊 (A)”     | (108)   |
| 上海中医药大学 中药现代制剂技术教育部工程研究中心              | (封二、封三) |
| 中国中医科学院建院 60 周年                        | (封四)    |

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL  
MEDICAL FORMULAE

Semimonthly      Established in October, 1995      Vol. 21 No. 24      December 2015

**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  
Committee of Chinese Materia Medica,  
Chinese Association of Integrative Medicine  
(16, Nanxiaojie, Dongzhimennei, Beijing,  
100700)

**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.syfjxzz.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

**Change Law of Gingerols from Zingiberis Rhizoma in Sini  
Tang Before and After Compatibility with Other Herbs**  
JIANG Yan-ping, PENG Wei, CAO Li-mei, YOU Yu,  
GAO Fei, FU Chao-mei ..... ( 1 )

**Absorption and Transport Characteristics Analysis of  
Effective Components from Isatidis Radix in Caco-2 Cell**  
MA Li, HE Mao-qiu, LUO Han-chao, ZHANG Xiao-yan ... ( 5 )

**Preparation and Characterization of Phloretin Solid Dispersions**  
HAN Lei, MA Shi-jing, JIANG Sen, ZHANG Yu, HE Yan,  
DU Zhi-yun, ZHANG Kun ..... ( 10 )

**Preparation and pH Responsive Release of Andrographolide-  
loaded Mesoporous Silica Nanoparticles Modified by Chitosan**  
TANG Tao, ZANG Qiao-zhen, LONG Kai-hua,  
WANG Chun-liu, LI Ye ..... ( 14 )

**Optimization of Extraction Technology of Lobetyolin and  
Total Polysaccharides from Miaoyu Codonopsis Radix  
by Box-Behnken Design**  
FENG Bin-bin, ZHANG Jian-hai, NIU Xiao-hua,  
ZHU Hui-feng ..... ( 18 )

**Chemical Constituents of Leaves of Forsythia suspense**  
FAN Yi, CHEN Ling, ZHU Jie, ZHANG Hai-yan,  
DONG Jian-jun, ZHAO Tian-zeng ..... ( 22 )

**Isolation and Structure Identification of Flavonoid  
Glycosides in Callicarpa nudiflora**  
PAN Zheng-hong, YAN Dong-lan, NING De-sheng,  
GU Zhi-xin, LI Dian-peng ..... ( 26 )

**Analysis of Monosaccharide Compositions in Polysaccharides  
from Pinus yunnanensis Cone by Pre-column Derivatization  
HPLC**  
ZHANG Hai-zhu, SHI Zhi-ting, WANG Ying, LIU Xi,  
ZHOU Ping ..... ( 30 )

**Molecular Weight and Monosaccharide Components in  
Polysaccharides from Galla Chinensis**  
GONG Li-min, LIU Wei, ZHUO Hai-yan, LI Sen, HE Qin,  
LIN Li-mei, LI Shun-xiang ..... ( 34 )

**Comparison of HPLC Characteristic Spectrum of Flavonoids  
on Leaves of Dendrobium officinale from Three  
Provenance Sources**  
HUANG Yue-chun, XIE Zhen-shan, REN Jin, YE Jia-hong,  
WEI Gang ..... ( 37 )

**Chemical Components of Blackberry Seed Oil and Its  
Antioxidant Activity**  
YIN Zhen-hua, ZHANG Wei, ZHANG Juan-juan,  
ZHANG Yong, KANG Wen-yi ..... ( 41 )

|                                                                                                                                                                      |         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| <b>Determination of <i>L</i>-quebrachitol in Nature Rubber Latex Serum by HPLC-DAD</b>                                                                               |         |
| DONG Tie-shan, WANG Jian-long, ZENG Ri-zhong, HUANG Mao-fang, GUI Hong-xing                                                                                          | ( 45 )  |
| <b>GC-MS Analysis of Volatile Constituents of <i>Polygonum cynanchoides</i></b>                                                                                      |         |
| YANG Sheng-yong, ZHU Meng-ru, ZHANG Jie, LU Kuan, GAO Yu-qiong                                                                                                       | ( 48 )  |
| <b>HPLC Fingerprints of Total Saponins in <i>Panax notoginseng</i> Fermentation Product</b>                                                                          |         |
| YAN Bing-xiong, HE Shuai, XU Wen-di, ZHANG Xiao-qian, QIU Zhi-dong, WANG Wei-nan                                                                                     | ( 52 )  |
| <b>Simultaneous Determination of Contents of Five Components in Yinshanlian Granules by HPLC</b>                                                                     |         |
| ZHANG Hong-mei, CUI Bai-ji , YAO Xin, FENG Xian-min                                                                                                                  | ( 57 )  |
| <b>Absorption Law of Inorganic Elements and Contents of Total Saponins in <i>Dioscoreae Nipponicae Rhizoma</i> Based on Continuous Cropping Obstacles Conditions</b> |         |
| YAO Jia, YIN Hai-bo, ZHAO Rong, JIA Xiao-qing, SHAO Fei                                                                                                              | ( 61 )  |
| <b>Pharmacognosy Analysis of <i>Calcitum</i></b>                                                                                                                     |         |
| ZHANG Cai-hong, CAO Yun, GU Rui, ZHONG Shi-hong, XIE Xue-hua, ZHANG Jing-bo                                                                                          | ( 65 )  |
| <b>Tissue Distribution of Auraptene in Rats</b>                                                                                                                      |         |
| YE Xi-de, XU Xiao-qiang, ZHANG Jian-kang, MA Lin, HUANG Zhao-sheng, OUYANG Hui, YANG Wu-liang                                                                        | ( 69 )  |
| <b>Effect of Gehua Jiecheng Fang on Protein Expression Level of Telomerase in Orthotopic Allograft HCC Mice</b>                                                      |         |
| WANG Jing-hui, TANG Dong-xin, HUANG Hui, LUO Li, LONG Feng-xi, LI Jun, WANG Ding-xue, YANG Zhu                                                                       | ( 73 )  |
| <b>Influence of Niu Huang Jiedu Tablet Compatibility on Realgar' Hepatotoxicity and Its Relationship with Apoptosis Regulation</b>                                   |         |
| DONG Ju, XIANG Xin-li, WANG Zi-yu, ZHAN Zhen                                                                                                                         | ( 79 )  |
| <b>Effect of Ursolic Compound A from Root of <i>Actinidia chinensis</i> on Proliferation of Cervical Cancer HeLa Cells</b>                                           |         |
| CHENG Qi-lai, YU Ya-fei, LI Ying-chen, HUANG Zhi-qin, LIU Ta-si                                                                                                      | ( 84 )  |
| <b>Effect of Pingchuanning on Expression of Bcl-2, Bax, EGF mRNA, PDGF mRNA in Lung Tissues of Asthma Rats</b>                                                       |         |
| FANG Xiang-ming, ZHU Jia-qi, WANG Zhi-xing                                                                                                                           | ( 88 )  |
| <b>Effect of Modified Sini San on Behavior and HPA Axis of Adolescent Rats Model with Stress</b>                                                                     |         |
| GUO Li-li, SHI Ya-fei, YUAN Yu-mei, WU Hao-meng, XU Zhi-wei                                                                                                          | ( 96 )  |
| <b>Effect of Paeonol on Myocardial Pathological Changes and TGF-<math>\beta_1</math>, CollagenIII Expression in Rat Models with Acute Myocardial Infarction</b>      |         |
| SHI Zhao-ping, ZHOU Xiao-hui, XU Qian, ZHAO Jing-yi, CAO Kai                                                                                                         | ( 98 )  |
| <b>Effect of Ginsenoside Rb<sub>1</sub> on Isoproterenol-induced Acute Myocardial Ischemia in Rats and Its Mechanism of Action</b>                                   |         |
| LENG Xue, ZHANG Li-de, JIA Lian-qun, ZANG An-yuan, CAO Jing, LI Qi-fang, YUAN Nai-jun, GUO Xun                                                                       | ( 104 ) |
| <b>Bisdemethoxycurcumin Induced Human Leukemia K562 Cells Apoptosis Through Down-regulation of Mitochondrial Membrane Potential</b>                                  |         |
| MIAO Jiu-wang, ZHANG Qin-de, WANG Hong-bo, FU Feng-hua                                                                                                               | ( 109 ) |
| <b>Protective Effect of Berberine on Doxorubicin-induced Myocardial Cell Injury</b>                                                                                  |         |
| HAO Gang, YU Yun-li                                                                                                                                                  | ( 114 ) |
| <b>Protective Effect of Ethyl Acetate Extract of <i>Alysicarpus vaginalis</i> on CCl<sub>4</sub>-induced Hepatic Fibrosis in Mice</b>                                |         |
| CAO Si-si, ZHENG Zuo-wen                                                                                                                                             | ( 119 ) |
| <b>Effect of Shionone on IL-1<math>\beta</math>, TNF-<math>\alpha</math> and NO Release of Macrophages Induced by Lipopolysaccharide</b>                             |         |
| WANG Fang, REN Gang, XIONG You-ai, ZHAO Hai-ping, YANG Ming                                                                                                          | ( 123 ) |
| <b>Predicting Effective Components and Targets of Essential Oil of <i>Asarlm Radix et Rhizoma</i> on Allergic Rhinitis</b>                                           |         |
| TANG Feng, LIANG Shao-yu, TIAN Yuan-xin, CHEN Fei-long, HUANG Yao, TAN Xiao-mei                                                                                      | ( 126 ) |
| <b>Protective Effect of Xinnaosu Extracts on Myocardial Ischemic Injury Induced by Isoproterenol in Rats</b>                                                         |         |
| PAN Jin-huo, LI Shan-shan, REN Wei-gao, LEI Fei-fei, SUN Cheng-xiang, JIANG Zhi-tao                                                                                  | ( 132 ) |

**Effect of Huguang Tablets on Chronic Hepatic Injury Induced by Carbon Tetrachloride in Rats**  
**Model of Yin-deficiency Syndrome of Liver**  
LIANG Zeng-rong, LONG Zi, CHEN Shao-rui, ZHONG Wan-hua, CUI Sheng-miao ..... (137)

**Influence of Long-term Intragastric Administration with 18β-glycyrrhetic Acid on Rat Kidney**  
XI Ke-hu, ZHANG Xiao-bing, YANG Gui-jun, CHEN Xiao-wan, GUI Yan, WANG You-hu,  
ZHANG Fu-hong, MA Chun-xia, HONG Hao, LIU Xiang-yi, MA Yi, JIANG Ying, DONG Ming ..... (142)

**Clinical Analysis of Zidan Yinxie Particles Combined Narrow Band Ultraviolet Treat Psoriasis Vulgaris**  
**Disease**  
HU Yin-e, ZHANG Jun-shi, DAI Shu-fang, QU Wei, WANG Bin ..... (148)

**Influences of Buzhong Yiqi Tang on Gastrointestinal Function and Nutriture Status of Gastric Carcinoma After Operation**  
LIU Kai, WANG Ben-jun, MA Heng, SONG Xi-lin, BIAN Rui-qi ..... (152)

**Huazhi Rougan Granule in Treating Damp-heat Accumulation Type Non-alcoholic Fatty Liver Disease**  
YANG Shu-shan, GUO Yang, LI Tong, SU Zhen-wu ..... (157)

**Influence of Ligustrazine Hydrochloride Injection Combined Buyang Huanwu Tang to Intervention on Blood Viscosity and Coagulation Factor with Acute Cerebral Infarction Patients**  
TANG Shi-lei, GAO Yuan-lin ..... (161)

**Effect of Qingre Qubi Decoction in Treating Damp-heat Arthralgia Knee Osteoarthritis**  
HE Jun-lei, LI Cheng-guang, WANG Wen, WANG Zhang-wen ..... (165)

**Influence of Xiangsha Bazhen Decoction Combined with Enteral Nutrition on Postoperative Immune Functions of Patients with Gastrointestinal Tumor Surgery**  
LI Sui-bang, XU Yan-lin ..... (169)

**Virtual Screening of Potential H7N9 Virus Neuraminidase Inhibitors Based on Traditional Chinese Medicine Database**  
SHI Hai-long, CUI Ya-ya, LI Jun, WANG Yu-cheng, LI Xian-yang, CHEN Zhe, XIAO Lei ..... (173)

**Meta-analysis of Xiaoqinglong Tang on Cough Variant Asthma in Children**  
GUO Zhen-lang, WANG Jun-yue, SU Zhen-ning, WANG Zheng-fei, LUO Xiao-mu ..... (181)

**Treatment of Non-small Cell Lung Cancer with Shenqi Fuzheng Injection in Combination with NP Chemotherapy**  
GUO Zhen-lang, SU Zhen-ning, DAI Yun-feng, WANG Zheng-fei, LUO Xiao-mu ..... (186)

**Meta-analysis of Traditional Chinese Medicine and Western Medicine in Treating Cough Variant Asthma in Children**  
GUO Zhen-lang, SU Zhen-ning, WANG Zheng-fei, LUO Xiao-mu ..... (192)

**Meta-analysis of Gegen Qinlian Tang in Treating Infantile Rotavirus Enteritis**  
GUO Zhen-lang, SU Zhen-ning, DAI Yun-feng, WANG Zheng-fei, LUO Xiao-mu ..... (199)

**Meta-analysis of Modified Sijunzi Tang for Treating Chronic Atrophic Gastritis**  
GUO Zhen-lang, SU Zhen-ning, WANG Zheng-fei, LUO Xiao-mu ..... (204)

**Meta-analysis of Diarrhea-predominant Irritable Bowel Syndrome Treated by Modified Sijunzi Tang Combined with Tongxie Yaofang**  
GUO Zhen-lang, SU Zhen-ning, WANG Zheng-fei, LUO Xiao-mu ..... (209)

**Meta-analysis of Xiaochaihu Tang in Treating Apoplectic Vertigo**  
GUO Zhen-lang, WANG Jun-yue, SU Zhen-ning, WANG Zheng-fei, LUO Xiao-mu ..... (214)

**Meta-analysis of Reflux Esophagitis Treated by Modified Banxia Xiexin Tang**  
GUO Zhen-lang, SU Zhen-ning, WANG Zheng-fei, LUO Xiao-mu ..... (219)

**On Waste Reuse as Resources of Chinese Medicine Industry in New Normal State—Perspective of New Structural Economics**  
WANG Yu-fen, SHEN Jun-long ..... (225)

**Research Progress of Chemical Constituents and Pharmacological Activities of Genus *Dendropanax***  
WANG Xiu-mei, YANG Li, HE Jun-wei, REN Gang, YANG Ming, ZHONG Guo-yue ..... (229)

Responsible editor: GU Xue-zhu





THE 60<sup>TH</sup> ANNIVERSARY OF  
CHINA ACADEMY OF CHINESE MEDICAL SCIENCES

# 中国中医科学院 建院60周年



中国中医科学院建院六十年来，在党和政府中医药工作方针政策指引下，“团结、学习、求实、创新”，在科学研究、医疗服务、人才培养、产业支撑、文化传承、国际交流与合作等各方面做出了重要贡献。取得了“青蒿素的发现”、“血瘀证与活血化瘀研究”、“H1N1中西医结合治疗”、“中药资源及中药现代化研究”等一批标志性成果。我院已成为中医药行业学科齐全、结构合理、人才聚集、功能完善的国家一流科研机构。

我们要以建院六十周年为新起点，全面把握中医药发展的总体战略，贯彻“推倒围墙、整合资源、优势互补、和合共进”的理念，实现学科和领域的整合重组，适应新形势，实现大发展，开拓进取，再铸辉煌。