



Q K 2 2 0 2 1 1 9 1005-9903  
CN 11-3495/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+)

当归补血汤干预糖尿病肾病大鼠足细胞损伤研究专题



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 03

2月 Feb 第28卷 Vol.28 第3期 No.3

# 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 3 期

2022 年 2 月 5 日出版

|  |  |
|--|--|
| 主 营  | 国家中医药管理局<br>(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<br>(100700 北京市东直门内南小街16号)   |
| 中华中医药学会<br>(100029 北京市朝阳区樱花园东街甲4号)   | 香砂六君子汤对功能性消化不良脾虚证大鼠胃动力及<br>CRF,UCN2表达的影响<br>李娟娟, 王凤云, 吕林, 许琳, 梁旭, 唐旭东 ..... ( 1 )            |
| 主编 吴以岭   | 丹栀逍遥散含药血清逆转乳腺癌 MDA-MB-231<br>细胞能量代谢重编程<br>徐爽, 李然, 刘立萍 ..... ( 8 )                            |
| 编辑出版 中国实验方剂学杂志编辑部<br>(100700 北京市东直门内南小街16号)<br>电话:(010)84076882<br>传真:(010)84076882<br>E-mail:syfjx_2010@188.com<br>网址:www.syfjxzz.com | 大柴胡汤加减对胆囊胆固醇结石湿热证小鼠<br>FXR/FGF15/FGFR4信号通路的影响<br>王素英, 谢玉春, 阎莉 ..... ( 15 )                   |
| 广告代理 数源汇通(北京)医药科技有限公司<br>北京市海淀区西三环北路11号<br>海通时代商务中心A1栋<br>电话:(010)68469866<br>传真:(010)68469886   | 基于GPR119/cAMP/GLP-1通路探讨葛根芩连汤的降糖机制<br>陈俊, 钱紫星, 朱梦杨, 林晓, 葛亚梅 ..... ( 25 )                      |
| 印 刷 北京博海升彩色印刷有限公司<br>(101102 北京通州区环宇路6号)   | · 当归补血汤干预糖尿病肾病大鼠足细胞损伤研究专题 ·  |
| 国内发行 北京报刊发行局<br>(100055 北京丰台区莲花池东路126号)<br>订阅 全国各地邮局<br>邮发代号 2-417   | 当归补血汤通过改善足细胞线粒体功能障碍减轻糖尿病肾病<br>大鼠氧化应激及炎症反应<br>靳贺超, 强家维, 张冠文, 梁胜然, 郭登洲 ..... ( 31 )            |
| 国外发行 中国国际图书贸易集团有限公司<br>订阅代号 SM4655   | 基于 RIPK1/RIPK3/MLKL 信号通路探讨当归补血汤对<br>糖尿病肾病大鼠足细胞损伤的影响<br>靳贺超, 张冠文, 梁胜然, 强家维, 郭登洲 ..... ( 41 )  |
| 邮 购 中国实验方剂学杂志社<br>(100700 北京市东直门内南小街16号)<br>电话:(010)84076882   | 基于 TXNIP/NLRP3/GSDMD 信号通路探讨当归补血汤对<br>糖尿病肾病大鼠足细胞焦亡的影响<br>靳贺超, 梁胜然, 张冠文, 强家维, 郭登洲 ..... ( 49 ) |
| 中国标准连续出版物号 ISSN 1005-9903<br>CN 11-3495/R  | 细胞焦亡与坏死性凋亡在糖尿病肾病中的作用及<br>中医药干预研究进展<br>靳贺超, 顾悦, 张圆圆, 王思瑜, 季兰阁, 郭登洲 ..... ( 58 )               |
| 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 ·

香砂六君子汤对功能性消化不良脾虚证大鼠胃动力及  
CRF,UCN2表达的影响

李娟娟, 王凤云, 吕林, 许琳, 梁旭, 唐旭东 ..... ( 1 )

丹栀逍遥散含药血清逆转乳腺癌 MDA-MB-231

细胞能量代谢重编程

徐爽, 李然, 刘立萍 ..... ( 8 )

大柴胡汤加减对胆囊胆固醇结石湿热证小鼠

FXR/FGF15/FGFR4信号通路的影响

王素英, 谢玉春, 阎莉 ..... ( 15 )

基于GPR119/cAMP/GLP-1通路探讨葛根芩连汤的降糖机制

陈俊, 钱紫星, 朱梦杨, 林晓, 葛亚梅 ..... ( 25 )

### · 当归补血汤干预糖尿病肾病大鼠足细胞损伤研究专题 ·

当归补血汤通过改善足细胞线粒体功能障碍减轻糖尿病肾病

大鼠氧化应激及炎症反应

靳贺超, 强家维, 张冠文, 梁胜然, 郭登洲 ..... ( 31 )

基于 RIPK1/RIPK3/MLKL 信号通路探讨当归补血汤对

糖尿病肾病大鼠足细胞损伤的影响

靳贺超, 张冠文, 梁胜然, 强家维, 郭登洲 ..... ( 41 )

基于 TXNIP/NLRP3/GSDMD 信号通路探讨当归补血汤对

糖尿病肾病大鼠足细胞焦亡的影响

靳贺超, 梁胜然, 张冠文, 强家维, 郭登洲 ..... ( 49 )

细胞焦亡与坏死性凋亡在糖尿病肾病中的作用及

中医药干预研究进展

靳贺超, 顾悦, 张圆圆, 王思瑜, 季兰阁, 郭登洲 ..... ( 58 )

· 药理 ·

补肺益肾方对COPD大鼠气道黏液高分泌及肺组织Notch3,HES1的影响

梅晓峰, 吴婉柳, 肖振亚, 任周新, 余海滨 ..... (68)

毛兰素通过Akt抑制膀胱癌细胞5637增殖

杨凤娟, 周萍, 程潭, 张天禹, 曾常春, 谭宁 ..... (76)

地参多糖对非小细胞肺癌A549细胞抗肿瘤作用及机制

程婷婷, 李岩, 陈贵元 ..... (83)

艳山姜挥发油肺部定量给药用于缓解肺气肿的作用

蔡梓民, 彭剑青, 陈艺, 潘迪, 张彦燕, 陶玲, 沈祥春, 龙庆德 ..... (91)

三种斑马鱼血瘀模型在三七抗血栓及抗心肌缺氧能力评价中的应用

李明利, 高波, 郭胜亚, 罗川, 戴明珠, 高文雅, 边宝林, 王宏洁, 周严严, 张勇, 赵海誉 ..... (98)

· 临床 ·

解毒化瘀颗粒对慢性肝衰竭热瘀结证患者炎症状态的影响

柏文婕, 毛德文, 石清兰, 黄祖鸿, 莫展进, 韦华柱 ..... (109)

加味参苓白术散对持续性不卧床腹膜透析患者胃肠功能障碍及蛋白质-能量消耗的干预作用

吕勇, 鲍容, 张磊, 王东, 任克军, 王亿平 ..... (116)

· 药学基础 ·

栀子蓝色素的结构及其对单胺氧化酶B的抑制活性考察

蒋启航, 姚广大, 许朝且, 徐明明, 杨承斌, 陶伟伟, 赵明 ..... (123)

基于便携式近红外光谱技术快速检测川贝母掺伪问题

范林宏, 何林, 谭超群, 田瑶, 张春玲, 吴纯洁, 黄永亮 ..... (131)

牛蒡叶化学成分及主要成分动态积累规律分析

梁韩晶, 吕江南, 冯庆梅, 张玲霞, 刘秋艳, 代丽萍, 王智民 ..... (139)

不同蒸制工艺对三七有效成分变化规律的影响

高亚珍, 邹俊波, 王智超, 陈青垚, 雷星, 徐杰, 杨明, 王芳 ..... (147)

红花种子的低温贮藏条件探索

陈翠平, 徐红霞, 董帅, 文正莹, 闫婕, 吴清华, 裴瑾 ..... (155)

鳖甲的本草考证

童东昌, 刘利娟, 宁迪敏, 朱文豪, 田雪飞 ..... (163)

· 数据挖掘 ·

基于数据挖掘技术探析中医药治疗中晚期非小细胞肺癌的用药规律

邓正亭, 赵凡, 赵彤, 吕灿, 林玩福, 梁淑芳, 刘涛, 程彬彬 ..... (171)

基于网络药理学和分子对接技术探析通痹健骨方治疗膝骨关节炎的作用机制

王雷, 李盛华, 周明旺, 王晓萍, 徐斌, 魏长浩 ..... (180)

黑骨藤靶向TNF- $\alpha$ 抗类风湿关节炎的药效物质基础分析

曹陶涛, 杨畅, 孙佳, 王永林, 刘春花, 李勇军, 何彬, 刘亭 ..... (187)

基于网络药理学和细胞实验探究心脉康片治疗动脉粥样硬化心血管病的作用机制

张淑颖, 陈达满, 叶小汉 ..... (196)

基于网络药理学分析调肝益气定悸药对甘松-仙鹤草治疗心律失常的分子机制

艾玉珍, 马晓娟, 邢雅璇, 闫龙美, 高安冉, 徐琪武, 许志杰, 吴弦宇, 高慧容, 张京春 ..... (204)

· 学术探讨 ·

基于中药道地性优势对苍术现行质量标准的思考

刘春莲, 瞿领航, 涂济源, 詹鑫, 许静, 孙雄杰, 刘艳菊 ..... (212)

· 综述 ·

桂枝茯苓丸治疗卵巢癌作用机制研究进展

刘芳媛, 徐佳越, 韩凤娟 ..... (220)

中药单体逆转卵巢癌顺铂耐药机制的研究进展

申芳, 徐佳越, 刘芳媛, 韩凤娟 ..... (226)

植物生长调节剂在中药材生产中的应用进展

樊建, 沈莹, 邓代千, 姚杰, 孟祥才 ..... (234)

基于Nrf2信号通路的中药促进糖尿病创面愈合研究进展

周鑫, 刘鹏, 郭燕玲, 许彪, 牛文晶, 王军 ..... (241)

西黄丸抗肿瘤临床应用及药理作用机制研究进展

杨雨婷, 曾瑾, 陈平, 王梦雷, 尹竹君, 李莉, 戴瑛, 赵军宁, 黎勇, 温国良 ..... (250)

物料属性研究在中药丸剂质量控制中的应用进展

赵舒婷, 杨白雪, 谢佳蓉, 熊皓舒, 孙玉侠, 李艳梅, 章顺楠, 柳文媛 ..... (259)

黄连-吴茱萸药对配伍机制研究进展

王旭华, 徐顶巧, 黄露, 陈艳琰, 乐世俊, 付瑞嘉, 唐于平 ..... (266)

中医药调控Wnt/β-catenin信号通路防治肾间质纤维化研究进展

李姗姗, 孙倩, 周荣, 董凯旋, 陈曦, 于小勇 ..... (275)

---

《中国实验方剂学杂志》第五届编委会名单 ..... (封二)

河北省中医院国家临床药物实验基地 ..... (前插一)

· 书讯 ·

膜塑形镜去片裸眼视力低下的影响因素 ..... (57)

肌电生物反馈联合针刺可以改善脑梗死恢复期患者的吞咽功能 ..... (67)

普拉洛芬联合玻璃酸钠治疗眼科手术后干眼症的临床分析 ..... (108)

信息化背景下现代医院管理制度的关键点分析 ..... (122)

· 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)

亚宝九和(北京)健康管理有限公司 ..... (封三)

三金片 ..... 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 \* 35 \* 2022-3

本期责任编辑: 顾雪竹

# CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly

Established in October, 1995

Vol. 28 No. 3

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 Xiangsha Liu Junzitang on Gastric Motility and

### CRF and UCN2 Expression in Rats with Functional Dyspepsia Due to Spleen Deficiency

LI Juan-juan, WANG Feng-yun, LYU Lin, XU Lin, LIANG Xu, TANG Xu-dong ..... ( 1 )

### Danzhi Xiaoyaosan-containing Serum Reverses Energy

### Metabolic Reprogramming of MDA-MB-231 Breast Cancer Cells

XU Shuang, LI Ran, LIU Li-ping ..... ( 8 )

### Effect of Modified Da Chaihutang on FXR/FGF15/FGFR4

### Signaling Pathway in Mice with Cholesterol Gallstone

### Differentiated into Damp-Heat Syndrome

WANG Su-ying, XIE Yu-chun, MIN Li ..... ( 15 )

### Hypoglycemic Mechanism of Gegen Qinlian tang:

### An Exploration Based on GPR119/cAMP/GLP-1 Pathway

CHEN Jun, QIAN Zi-xing, ZHU Meng-yang, LIN Xiao, GE Ya-mei ..... ( 25 )

### Danggui Buxuetang Alleviates Oxidative Stress and

### Inflammation in Diabetic Kidney Disease Rats by Improving Mitochondrial Dysfunction of Podocytes

JIN He-chao, QIANG Jia-wei, ZHANG Guan-wen, LIANG Sheng-ran, GUO Deng-zhou ..... ( 31 )

### Effect of Danggui Buxuetang on Podocyte Injury in Diabetic

### Kidney Disease Rats: An Exploration Based on

### RIPK1/RIPK3/MLKL Signaling Pathway

JIN He-chao, ZHANG Guan-wen, LIANG Sheng-ran, QIANG Jia-wei, GUO Deng-zhou ..... ( 41 )

### Effect of Danggui Buxuetang on Podocyte Pyroptosis in

### Diabetic Kidney Disease Rats: An Exploration Based on

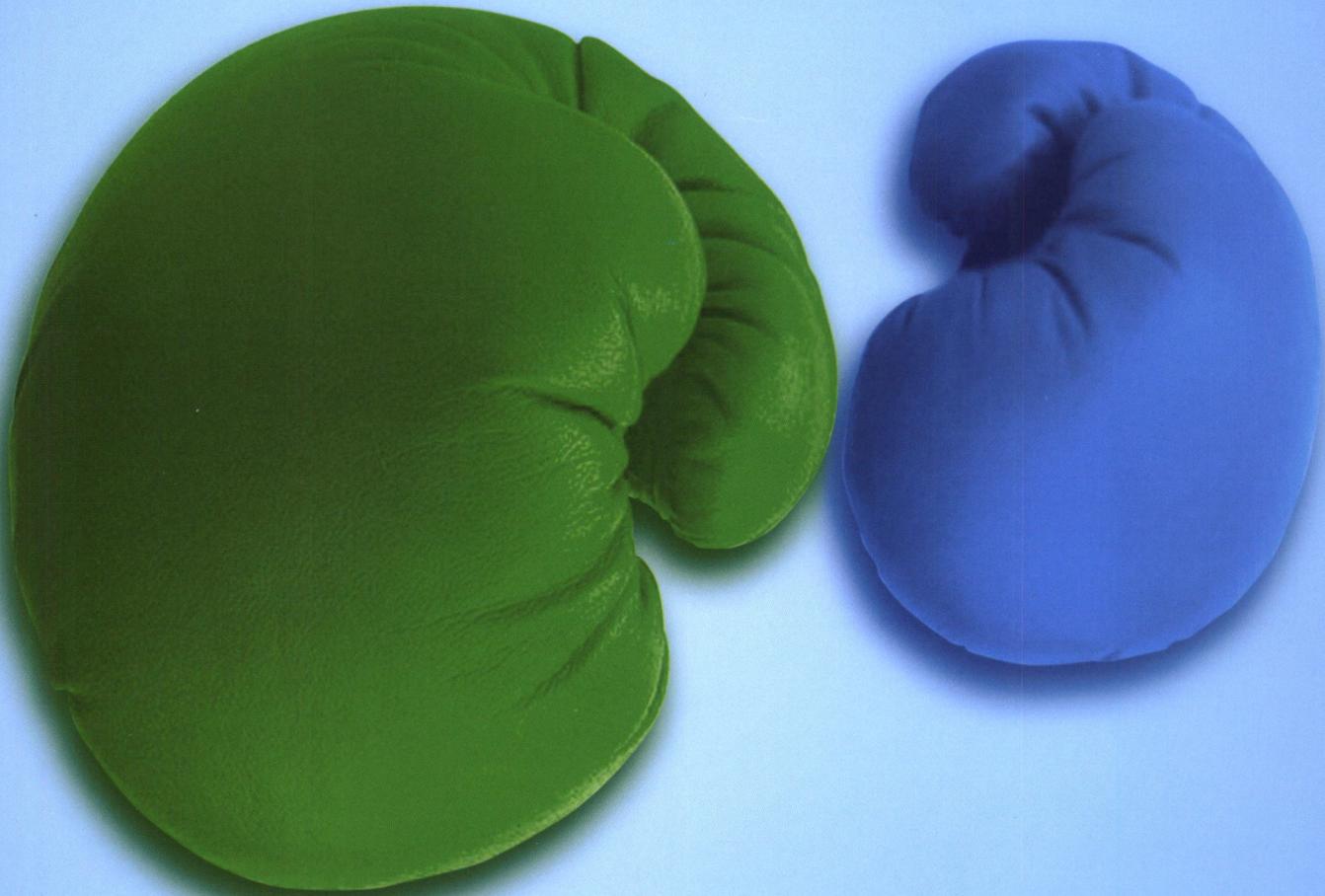
### TXNIP/NLRP3/GSDMD Signaling Pathway

JIN He-chao, LIANG Sheng-ran, ZHANG Guan-wen, QIANG Jia-wei, GUO Deng-zhou ..... ( 49 )

|   |  |        |
|---|--|--------|
| <b>Roles of Pyroptosis and Necroptosis in Diabetic Kidney Disease and Its Regulation with Traditional Chinese Medicine: A Review</b>  | JIN He-chao, GU Yue, ZHANG Yuan-yuan, WANG Si-yu, JI Lan-ge, GUO Deng-zhou .....   | ( 58 ) |
| <b>Effect of Bupei Yishen Prescription on Airway Mucus Hypersecretion and Notch3 and HES1 Expression in Lung Tissues of Rats with Chronic Obstructive Pulmonary Disease</b> | MEI Xiao-feng, WU Wan-liu, XIAO Zhen-ya, REN Zhou-xin, YU Hai-bin .....  | ( 68 ) |
| <b>Erianin Inhibits Proliferation of Bladder Cancer 5637 Cells Through Akt</b>  | YANG Feng-juan, ZHOU Ping, CHENG Tan, ZHANG Tian-yu, ZENG Chang-chun, TAN Ning.....  | ( 76 ) |
| <b>Anti-tumor Effect and Mechanism of <i>Lycopus lucidus</i> Polysaccharide on Non-small Cell Lung Cancer A549 Cells</b>  | CHENG Ting-ting, LI Yan, CHEN Gui-yuan .....   | ( 83 ) |
| <b>Quantitative Pulmonary Administration of Essential Oil from Alpiniae Zerumbet Fructus for Treatment of Emphysema</b>   | CAI Zi-min, PENG Jian-qing, CHEN Yi, PAN Di, ZHANG Yan-yan, TAO Ling,<br>SHEN Xiang-chun, LONG Qing-de .....                                       | ( 91 ) |
| <b>Application of Three Blood Stasis Models in Zebrafish in Evaluation of Anti-thrombosis and Anti-myocardial Hypoxia Activities of Notoginseng Radix et Rhizoma</b>        | LI Ming-li, GAO Bo, GUO Sheng-ya, LUO Chuan, DAI Ming-zhu, GAO Wen-ya,<br>BIAN Bao-lin, WANG Hong-jie, ZHOU Yan-yan, ZHANG Yong, ZHAO Hai-yu ..... | ( 98 ) |
| <b>Effect of Jiedu Huayu Granules on Inflammatory State of Patients with Chronic Hepatic Failure with Toxic Heat and Stasis Syndrome</b>                                    | BAI Wen-jie, MAO De-wen, SHI Qing-lan, HUANG Zu-hong, MO Zhan-jin, WEI Hua-zhu ...   | (109)  |
| <b>Effect of Modified Shenling Baizhusan on Gastrointestinal Dysfunction and Protein-energy Wasting in Continuous Ambulatory Peritoneal Dialysis Patients</b>               | LYU Yong, BAO Rong, ZHANG Lei, WANG Dong, REN Ke-jun, WANG Yi-ping .....   | (116)  |
| <b>Structure of Gardenia Blue Pigment and Its Inhibitory Activity on Monoamine Oxidase B</b>  | JIANG Qi-hang, YAO Guang-da, XU Chao-qie, XU Ming-ming, YANG Cheng-bin,<br>TAO Wei-wei, ZHAO Ming .....  | (123)  |
| <b>Rapid Detection of Adulteration of Fritillariae Cirrhosae Bulbus Based on Portable Near Infrared Spectroscopy</b>  | FAN Lin-hong, HE Lin, TAN Chao-qun, TIAN Yao, ZHANG Chun-ling, WU Chun-jie,<br>HUANG Yong-liang .....  | (131)  |
| <b>Analysis on Chemical Constituents and Dynamic Accumulation of Main Components in <i>Arctium lappa</i> Leaves</b>   | LIANG Han-jing, LYU Jiang-nan, FENG Qing-mei, ZHANG Ling-xia, LIU Qiu-yan,<br>DAI Li-ping, WANG Zhi-min .....                                      | (139)  |
| <b>Effect of Different Steaming Processes on Variation of Active Ingredients in Notoginseng Radix et Rhizoma</b>  | GAO Ya-zhen, ZOU Jun-bo, WANG Zhi-chao, CHEN Qing-yao, LEI Xing, XU Jie,<br>YANG Ming, WANG Fang .....   | (147)  |
| <b>Cryopreservation Conditions of <i>Carthamus tinctorius</i> Seeds</b>   | CHEN Cui-ping, XU Hong-xia, DONG Shuai, WEN Zheng-ying, YAN Jie, WU Qing-hua, PEI Jin...   | (155)  |

|  |       |
|--|-------|
| <b>Textual Research on Trionycis Carapax</b>   |       |
| TONG Dong-chang, LIU Li-juan, NING Di-min, ZHU Wen-hao, TIAN Xue-fei .....   | (163) |
| <b>Analysis on Medication Regularity of Traditional Chinese Medicine in Treatment of Intermediate and Advanced Non-small Cell Lung Cancer Based on Data Mining</b> |       |
| DENG Zheng-ting, ZHAO Fan, ZHAO Tong, LYU Can, LIN Wan-fu, LIANG Shu-fang, LIU Tao, CHENG Bin-bin .....  | (171) |
| <b>Mechanism of Tongbi Jiangu Prescription in Treatment of Knee Osteoarthritis Based on Network Pharmacology and Molecular Docking</b>                             |       |
| WANG Lei, LI Sheng-hua, ZHOU Ming-wang, WANG Xiao-ping, XU Bin, WEI Chang-hao ...  | (180) |
| <b>Effective Components of <i>Periploca forrestii</i> Against Rheumatoid Arthritis by Targeting TNF-<math>\alpha</math></b>  |       |
| CAO Tao-tao, YANG Chang, SUN Jia, WANG Yong-lin, LIU Chun-hua, LI Yong-jun, HE Bin, LIU Ting .....   | (187) |
| <b>To Explore Mechanism of Xinmaikang Tablets in Treatment of Atherosclerosis Cardiovascular Disease Based on Network Pharmacology and Cell Experiment</b>         |       |
| ZHANG Shu-ying, CHEN Da-man, YE Xiao-han .....   | (196) |
| <b>Molecular Mechanism of Nardostachyos Radix et Rhizoma-Agrimoniae Herba in Treatment of Arrhythmia Based on Network Pharmacology</b>                             |       |
| AI Yu-zhen, MA Xiao-juan, XING Ya-xuan, YAN Long-mei, GAO An-ran, XU Qi-wu, XU Zhi-jie, WU Xian-yu, GAO Hui-rong, ZHANG Jing-chun.....                             | (204) |
| <b>Thoughts on Current Quality Standard of Atractylodis Rhizoma Based on Genuine Advantages of Traditional Chinese Medicine</b>                                    |       |
| LIU Chun-lian, QU Ling-hang, TU Ji-yuan, ZHAN Xin, XU Jing, SUN Xiong-jie, LIU Yan-ju .....  | (212) |
| <b>Mechanisms of Guizhi Fulingwan Against Ovarian Cancer: A Review</b>   |       |
| LIU Fang-yuan, XU Jia-yue, HAN Feng-juan .....   | (220) |
| <b>Mechanism of Chinese Herbal Monomers Against Cisplatin-induced Resistance of Ovarian Cancer: A Review</b>   |       |
| SHEN Fang, XU Jia-yue, LIU Fang-yuan, HAN Feng-juan .....  | (226) |
| <b>Application Progress of Plant Growth Regulator in Production of Chinese Medicinal Materials</b>   |       |
| FAN Jian, SHEN Ying, DENG Dai-qian, YAO Jie, MENG Xiang-cai .....  | (234) |
| <b>Effect of Chinese Medicine on Diabetic Wound Based on Nrf2 Signaling Pathway: A Review</b>  |       |
| ZHOU Xin, LIU Peng, GUO Yan-ling, XU Biao, NIU Wen-jing, WANG Jun .....  | (241) |
| <b>Anti-tumor Application and Pharmacological Mechanism of Xihuawwan: A Review</b>   |       |
| YANG Yu-ting, ZENG Jin, CHEN Ping, WANG Meng-lie, YIN Zhu-jun, LI Li, DAI Ying, ZHAO Jun-ning, LI Yong, WEN Guo-liang.....   | (250) |
| <b>Material Attribute Research in Quality Control of Traditional Chinese Medicine Pills: A Review</b>  |       |
| ZHAO Shu-ting, YANG Bai-xue, XIE Jia-rong, XIONG Hao-shu, SUN Yu-xia, LI Yan-mei, ZHANG Shun-nan, LIU Wen-yuan .....   | (259) |
| <b>Research Progress on Compatibility Mechanism of Coptidis Rhizoma-Euodiae Fructus: A Review</b>  |       |
| WANG Xu-hua, XU Ding-qiao, HUANG Lu, CHEN Yan-yan, YUE Shi-jun, FU Rui-jia, TANG Yu-ping .....   | (266) |
| <b>Regulation of Wnt/<math>\beta</math>-catenin Signaling Pathway in Renal Interstitial Fibrosis by Traditional Chinese Medicine: A Review</b>                     |       |
| LI Shan-shan, SUN Qian, ZHOU Rong, DONG Kai-xuan, CHEN Xi, YU Xiao-yong .....  | (275) |

Responsible editor: GU Xue-zhu



# 三金牌三金片

## 利湿、解毒、益肾

尿短赤、尿淋沥、尿涩痛…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

本广告仅供医学药学专业人士阅读

批准文号：国药准字Z45021645 不良反应：详见药品说明书。禁忌：孕妇禁用，其它详见药品说明书。注意事项：详见药品说明书。桂药广审(文)第250826-00356号

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



万方数据