



月刊

1998年6月创刊

第28卷第04期（卷终）

2024年12月25日出版

官方公众号

**主管单位** 中华人民共和国教育部**主办单位** 武汉大学  
湖北省药品监督检验研究院**主编** 邓子新 史录文**编辑部主任** 任 炼**编辑出版** 武汉大学出版社有限责任公司  
《药学前沿》编辑部

地址：湖北省武汉市武昌区  
东湖路169号  
邮编：430071  
电话：027-67812512  
邮箱：yxqy@whuznhmedj.com  
网址：<https://yxqy.whuznhmedj.com>

**印刷单位** 武汉精一佳印刷有限公司**国内发行** 中国邮政集团有限公司湖北分公司  
邮发代号38-325**订 阅** 全国各地邮局**国内定价** 每期¥28.00 全年¥336.00**中国标准连续出版物号**

ISSN 2097-4922  
CN 42-1948/R

本刊2024年版权归《药学前沿》编辑部所有  
除非特别声明，本刊刊出的所有文章不代表本刊  
编委会的观点

本刊如有质量问题，请向编辑部调换

## 目 次

### 论著

- 557 基于网络药理学探索养心消痹汤治疗冠心病稳定型心绞痛的作用机制  
肖森生, 姜永英, 杨丹, 朱晓旭, 王启斌, 陈黎, 郑涛
- 566 夫西地酸涂膜剂的制备工艺与透皮吸收研究  
陈慧, 蔡丽, 宁琳, 骆春梅
- 574 木芙蓉叶多糖的提取纯化工艺及组分分析  
谢瑞, 施静, 许诗怡, 杨贺翔, 林若芸, 徐钧浩, 游元元
- 585 超滤离心-HPLC 法测定鲁索替尼固体脂质纳米粒的包封率  
冯世权, 于佳岐, 董德娇, 甘昌冉, 彭浩洋, 段成成, 秦贞苗, 高亚男
- 593 基于 HPLC-QAMS 多指标成分联合 OPLS-DA 及加权 TOPSIS 模型的威灵仙药材质量评价  
冯晓川, 张静, 徐延昭, 张蕊
- 605 基于 UPLC-Q-Exactive-MS 技术鉴定接骨七厘片的化学成分及血中移行成分  
方晓洋, 周融融, 沈冰冰, 何维维, 肖洁, 徐瑾, 曾宏亮, 张水寒
- 617 茜草主要成分提取方法比较及加工前后变化规律研究  
陆元勋, 章哲文, 陈宏降, 罗益远
- 623 不同剂型维 C 银翘制剂微生物检验方法适用性研究及污染分析  
滕钰, 薛雪, 杨爽, 薛咏兰
- 634 LC-MS/MS 测定枸橼酸西地那非中磺酸酯类基因毒性杂质  
李翠芬, 李健华, 陈新国, 阮鹏伍, 秦飞
- 639 安罗替尼三线治疗晚期非小细胞肺癌的药物经济学评价  
袁文洁, 康朔, 王晓晖, 公元, 潘振华
- 648 卡瑞利珠单抗致多器官损伤不良反应的文献分析  
张扬, 苏文炀, 高越
- 657 不同剂量纳洛酮椎管内麻醉前给药对产妇和新生儿的影响  
许华强, 钟增优, 谢盛杰, 杜瑞明
- 663 卵泡刺激素对人卵巢颗粒 KGN 细胞 TGF-β 信号传导的影响  
张铭露, 温苗, 杨泽岸, 于思思, 张媛, 吴彦霖

- 671 阿昔替尼应用于泌尿系统肿瘤及其他全身系统疾病的不良事件分析  
刘 庆, 邵 晨
- 679 痛泻要方联合鳖甲灸及循经摩腹治疗腹泻型肠易激综合征的随机对照试验  
姚婕妤, 杨 芳, 冯 娟
- 686 运用“汤液经法图”进行中药饮片处方评价与干预的临床药学会诊模式实践  
郭红叶, 刘南阳, 杨寿圆, 于 琦, 张 爽, 郭晓龙, 金 锐

## 综述

- 694 炮制对黄连化学成分及药理作用影响的研究进展  
林晓丹, 刘祺琦, 匡海学, 王秋红
- 705 铁死亡及自噬在急性胰腺炎中的研究进展  
李佩容, 张海丹, 李虹瑶, 李培武
- 711 右美托咪定在骨科手术麻醉与镇痛中的应用进展  
叶映芬, 李昆仑, 陈伟元, 赖尚导
- 719 白藜芦醇药理学作用及其衍生物改善光性皮肤病的研究进展  
袁瑞瑛, 桂明安, 杨贵斌, 王嗣岑
- 729 铁代谢介导的抗抑郁机制及中医药调控研究进展  
潘雅楠, 陈佳美, 宇庆迎, 邓 迪, 张 荣, 周丹丹, 曹丽萍

I 《药学前沿》2024年总目次



## Responsible institution

Ministry of Education of the People's Republic of China

## Sponsor

Wuhan University  
Hubei Institute for Drug Control

## Editor-in-Chief

DENG Zixin, SHI Luwen

## Managing Editor

REN Lian

## Editing and Publishing

Wuhan University Press Co., Ltd  
Editorial Department of the Frontiers in Pharmaceutical Sciences  
Address: 169 Donghu Road, Wuchang District, Wuhan 430071, Hubei Province, China  
Tel: +86 027-67812512  
E-mail: yxqy@whuznhmedj.com  
Website: <https://yxqy.whuznhmedj.com>

## Printing

Wuhan Jingyijia Printing Co., Ltd.

## Postal code

38-325

## CSSN

ISSN 2097-4922  
CN 42-1948/R

Copyright ©2024 by Editorial Department of the Frontiers in Pharmaceutical Sciences

All articles published represent the opinions of the authors

## CONTENTS IN BRIEF

### Research

- 557 Study on the mechanism of Yangxin Xiaobi decoction in the treatment of stable angina pectoris based on network pharmacology  
XIAO Miaosheng, JIANG Yongying, YANG Dan, ZHU Xiaoxu, WANG Qibin, CHEN Li, ZHENG Tao
- 566 Preparation process and transdermal absorption of fusidic acid film  
CHEN Hui, CAI Li, NING Lin, LUO Chunmei
- 574 Extraction, purification and composition analysis of *Folium hibisci mutabilis* polysaccharides  
XIE Rui, SHI Jing, XU Shiyi, YANG Hexiang, LIN Ruoyun, XU Junhao, YOU Yuanyuan
- 585 Determination of encapsulation rate of ruxolitinib solid lipid nanoparticles by ultrafiltration centrifugation-HPLC method  
FENG Shiquan, YU Jiaqi, DONG Deqiao, GAN Changran, PENG Haoyang, DUAN Chengcheng, QIN Zhenmiao, GAO Yanan
- 593 Quality evaluation of *Clematidis radix et rhizoma* medicinal materials based on HPLC-QAMS multi-components quantification combined with OPLS-DA and weighted TOPSIS method  
FENG Xiaochuan, ZHANG Jing, XU Yanzhao, ZHANG Rui
- 605 Identification of the compounds of Jiegu Qili tablets and constituents absorbed into blood based on UPLC-Q-Exactive-MS technology  
FANG Xiaoyang, ZHOU Rongrong, SHEN Bingbing, HE Weiwei, XIAO Jie, XU Jin, ZENG Hongliang, ZHANG Shuihan
- 617 Comparison of extraction methods of main components of *Rubiae radix et rhizoma* and study of the changes before and after processing  
LU Yuanxun, ZHANG Zhewen, CHEN Hongjiang, LUO Yiyuan
- 623 Study on the applicability of microbial testing methods and contamination of different dosage forms of vitamin C Yinqliao preparations  
TENG Yu, XUE Xue, YANG Shuang, XUE Yonglan
- 634 Determination of genotoxic impurity of suifonate ester in sildenafil citrate by LC-MS/MS  
LI Cuifen, LI Jianhua, CHEN Xinguo, RUAN Pengwu, QIN Fei
- 639 Pharmacoeconomic evaluation of third-line treatment of advanced non-small cell lung cancer with anlotinib  
YUAN Wenjie, KANG Shuo, WANG Xiaohui, GONG Yuan, PAN Zhenhua
- 648 Literature analysis of adverse reactions to multiple organ injury induced by camrelizumab  
ZHANG Yang, SU Wenyang, GAO Yue

- 657 Effect of administration with different doses of naloxone on puerpera and neonatal infants before intraspinal anesthesia  
XU Huaqiang, ZHONG Zengyou, XIE Shengjie, DU Ruiming
- 663 Effects of follicle stimulating hormone on TGF- $\beta$  signal transduction in human ovarian granulosa KGN cells  
ZHANG Minglu, WEN Miao, YANG Zean, YU Sisi, ZHANG Yuan, WU Yanlin
- 671 Analysis of the adverse events of axitinib in patients with urinary system tumors and other systemic diseases  
LIU Qing, SHAO Chen
- 679 Randomized controlled trial of Tongxie Yaofang combined with turtle-shell-partitioned moxibustion and meridian massage in the treatment of irritable bowel syndrome with diarrhea  
YAO Jieyu, YANG Fang, FENG Juan
- 686 Practice of clinical pharmacy consultation model for evaluation and intervention of traditional Chinese medicine decoction prescriptions using "Tangye Jingfa Map"  
GUO Hongye, LIU Nanyang, YANG Shouyuan, YU Qi, ZHANG Shuang, GUO Xiaolong, JIN Rui

## Review

- 694 Research progress on the effects of processing on the chemical composition and pharmacological actions of Coptis chinensis  
LIN Xiaodan, LIU Qiqi, Kuang Haixue, WANG QiuHong
- 705 Research progress of iron death and autophagy in acute pancreatitis  
LI Peirong, ZHANG Haidan, LI Hongyao, LI Peiwu
- 711 Application progress of dexmedetomidine in anesthesia and analgesia during orthopedic surgery  
YE Yingfen, LI Kunlun, CHEN Weiyuan, LAI Shangdao
- 719 Research progress of pharmacological effects of resveratrol and its derivatives on photodermatoses  
YUAN Ruiying, GUI Mingan, YANG Guibin, WANG Sicen
- 729 Study progress of iron metabolism-mediated antidepressant mechanism and the regulation by traditional Chinese medicine  
PAN Yanan, CHEN Jiamei, YU Qingying, DENG Di, ZHANG Rong, ZHOU Dandan, CAO Liping