

## 主 管

天津药物研究院 (www.tjpr.com)

## 主 办

天津药物研究院 (www.tjpr.com)

中国药学会 (www.cpa.org.cn)

## 编辑出版

《现代药物与临床》编辑部

地址: 天津市滨海高新区惠仁道 306 号

邮编: 300462

电话: 022-23006823

邮箱: dc@tiprpress.com

网址: www.中草药杂志社.中国

www.tiprpress.com

## 主 编 杨宝峰

## 副主编 陈薇 韩雅玲 王军志 王锐

张英泽 李校堃 冯世庆 黄长江

陈常青

## 国际标准连续出版物号

ISSN 1674-5515

## 国内统一连续出版物号

CN 12-1407/R

## 发行订阅

本刊编辑部

## 国内定价

每期 50.00 元

全年 600.00 元

## 印 刷

天津市恒远印刷有限公司

## 广告发布登记号

BH 2020-01

## 本期责任编辑

金玉洁

2024 年版权归现代药物与临床编辑部所有

# 目 次

## 实验研究

- 1937 鼻咽清毒颗粒通过调节铜离子转运蛋白 CTR1 逆转鼻咽癌细胞顺铂耐药的作用效应及机制研究  
石子叶, 林娟, 杨冰, 徐科一, 张铁军, 李鹏, 徐旭
- 1944 五子衍宗丸对少弱精子症小鼠生精功能、IP6K1 表达及线粒体 DNA 甲基化影响  
高瑞芳, 孙丽丽, 张桂贤, 李霞, 王曼雪, 于晓猛, 纪爱玲, 杨洁, 李伟, 胡思科, 李文畅, 张颖, 刘洪斌
- 1954 柚皮素调节 cGAS/STING 信号通路对牙周炎大鼠的治疗作用  
叶莲妹, 齐雪
- 1961 基于网络药理学及分子对接和基因芯片验证右美托咪定治疗脑缺血再灌注损伤的作用机制  
伍海军, 钱朝智, 陈先忠, 王盛, 杨华
- 1969 基于网络药理学及实验验证辣椒素对急性心肌梗死大鼠的保护作用机制  
魏法权, 刘学谦
- 1978 基于网络药理学和实验验证探讨雷公藤多苷致睾丸损伤的机制  
赵丽, 贾妹, 吴静怡, 邵静萍, 姚晓敏
- 1988 基于网络药理学和分子对接研究大黄治疗膝关节炎的分子机制  
吴云飞, 袁胜超, 谭志超, 李征, 叶仲森
- 1995 UPLC-QTOF/MS 法鉴定蕨麻中化学成分  
张凌云, 刘匡一
- 2001 UPLC 法测定小柴胡颗粒中柴胡皂苷 b<sub>1</sub>、b<sub>2</sub>  
王培, 许保海, 孙逸轩, 刘长利

## 临床研究

- 2006 曲克芦丁联合替罗非班治疗急性进展性脑梗死的临床研究  
范玉红, 李丽, 张慧, 牛桂森, 张勇
- 2012 清开灵注射液联合丁苯酞治疗急性脑梗死的临床研究  
张翠云, 么蕊, 陈宏, 殷红玉
- 2018 复方脑肽节苷脂联合奥扎格雷钠治疗急性进展性脑梗死的临床研究  
孙丽薇, 林萍, 李华
- 2023 心可舒丸联合贝尼地平治疗变异型心绞痛的临床研究  
王庆久, 韩大莉, 于春艳
- 2028 益心舒胶囊联合沙库巴曲缬沙坦治疗慢性心力衰竭的临床研究  
马前锋, 张涛, 王磊
- 2033 脑心通胶囊联合沙库巴曲缬沙坦治疗缺血性心肌病的临床研究  
李艳霞, 刘洋, 牛张霞, 连民刚
- 2038 氟替美维联合氨茶碱治疗慢性阻塞性肺病稳定期的临床研究  
张博, 刘欣欣, 周晓蕾, 袁彦丽, 张曼林
- 2043 热毒宁注射液联合头孢唑林钠治疗急性支气管炎的临床研究  
邵秋红, 范丽婷, 唐志伟
- 2048 复方银花解毒颗粒联合帕拉米韦治疗儿童流行性感冒的临床研究  
赵玲玲, 郑波, 张晓红
- 2053 蒲地蓝消炎片联合布地奈德治疗小儿急性喉炎的临床研究  
张娟, 张中凯, 何苗, 教艳, 徐建英
- 2057 参苓白术颗粒联合复方胰酶散治疗小儿功能性消化不良的临床研究  
霍静雨, 李春霞, 马娇
- 2062 非奈利酮联合厄贝沙坦治疗糖尿病肾病的临床研究  
刘成功, 马海丽, 李巍, 陈书培
- 2067 参芪降糖胶囊联合地特胰岛素治疗妊娠糖尿病的临床研究  
张喜亚, 王博, 田立慧

## 数据库等收录情况

中国科技核心期刊  
(中国科技论文统计源期刊)  
RCCSE 中国核心学术期刊  
中国学术期刊(网络版)  
万方数据  
中文科技期刊数据库  
中文生物医学期刊文献数据库  
中国生物医学期刊引文数据库  
  
荷兰 Elsevier Scopus 数据库  
美国《化学文摘》(CA)  
美国《国际药文摘》(IPA)  
美国《剑桥科学文摘》(CSA)  
美国《乌利希期刊指南》(UPD)  
波兰《哥白尼索引》(IC)  
WHO 西太平洋地区医学索引(WPRIM)

天津市卫生局医药卫生期刊目录  
河南省卫生系列高级职称评审学术期  
刊参考目录(2023 年 1 月)(二类)  
陕西省卫生高级职称评审认可的期刊  
目录

## 期刊指标

2023 年 9 月 20 日,中国科学技术信息研究所发布 2023 年版《中国科技期刊引证报告》(核心版)自然科学卷:《现代药物与临床》核心总被引频次 2 241 次,在 48 种药学期刊中列第 12 位;核心影响因子 0.732,在 48 种药学期刊中列第 28 位;综合评价总分 38.4,在 48 种药学期刊中列第 16 位。

2023 年 10 月 9 日中国科学文献计量评价研究中心发布了《中国学术期刊影响因子年报》(自然科学与工程技术·2023 版):《现代药物与临床》影响力指数 CI 503.858,在 67 种药学期刊排第 14 位;分区 Q1 区;他引总被引 2 007;他引影响因子 0.624;复合类影响因子 1.186,综合类影响因子 0.923。复合总被引频次 4 311,基金论文比 0.76,引用半衰期 5.4,被引半衰期 3.5,WEB 即年下载率 178,WEB 下载量 28.14 万次。

- 2072 肾炎康复片联合恩格列净治疗糖尿病肾病的临床研究  
王瑶,吕元军,凌龙,吴玉,程姗姗,赵欣桐
- 2077 益肾健骨胶囊联合阿法骨化醇治疗肝肾不足型骨质疏松症的临床研究  
王柯,叶寒露,张劲
- 2083 阿达木单抗联合艾拉莫德治疗类风湿关节炎的临床研究  
滕岩,谢向良,柯丽萍,董丹丹
- 2089 滑膜炎片联合尼美舒利治疗对膝关节滑膜炎的临床研究  
王鹏,焦莹
- 2094 脉络舒通丸联合多磺酸粘多糖乳膏治疗血栓性浅静脉曲张的临床研究  
朱红美,孙骏
- 2099 舒筋活血片联合阿仑膦酸钠治疗早期激素性股骨头坏死的临床研究  
王志震,李兴晶,高澍
- 2104 益母草膏联合卡前列素氨丁三醇治疗宫缩乏力性产后出血的临床研究  
徐晖,沈妮,崔洁
- 2110 坤泰胶囊联合氯喹那多-普罗雌烯阴道片治疗老年性阴道炎的临床研究  
范婧,顾颖,朱梦迪
- 2115 口服与外敷六神胶囊治疗口腔溃疡的比较研究  
程燚
- 2120 平消胶囊联合卡瑞利珠单抗治疗非小细胞肺癌的临床研究  
张静,黄黎明,张小瑞,程才
- 2125 痔宁片联合地奥司明片治疗内痔的临床研究  
谈朋生,杨秀红,张永力,肖强,孙茂源

## 医院药学

- 2130 天津市宝坻区人民医院新型抗肿瘤药物使用情况分析  
庄俊雪,窦一峰,刘俊杰,崔金国
- 2137 西维来司他钠药物利用评价标准的建立与应用  
李涛,袁宏中,王法财,夏一淼
- 2142 基于属性层次模型的人促红素注射液合理性评价  
岳云月,狄潘潘,夏茹楠,李帅,王志远,贾淑云,梁海
- 2148 蚌埠市第三人民医院妇产科门诊超说明书用药循证评价标准的应用分析  
张冠军,程军,司福国,汪龙,韩一萱

## 综述

- 2154 紫草素联合化疗药物逆转肿瘤耐药性的研究进展  
徐瑞雪,王宇
- 2162 萜类化合物调控信号通路改善肺纤维化的研究进展  
甘仕虎,杨善军,王玥
- 2169 抗癌肽的抗肿瘤作用机制和临床应用的研究进展  
苏祖恒,梅先林,吴科锋,陈起周,余华军,张海涛,罗辉
- 2177 橙花叔醇的神经保护作用机制的研究进展  
雷谊宁,王威,徐言,张如意
- 2182 抗寄生虫微管蛋白抑制剂的研究进展  
达哇卓玛,刘川川,樊海宁
- 2187 白藜芦醇防治青光眼的药理作用研究进展  
孙玉梅,石炜,宗思慧,张晓莉,杨爱云,彭一

**Directed by**

Tianjin Institute of Pharmaceutical Research  
(www.tjipr.com)

**Sponsored by**

Tianjin Institute of Pharmaceutical Research  
(www.tjipr.com)  
Chinese Pharmaceutical Association  
(www.cpa.org.cn)

**Edited and Published by**

Editorial Office of Drugs & Clinic  
(306<sup>#</sup> Huiren Road, Tianjin Binhai High-Tech Industry Park, Tianjin 300462, China)  
Tel: 86-22-23006823  
http://www.tiprpress.com  
E-mail: dc@tiprpress.com

**Editor-in-chief**

YANG Bao-feng

**Associate Editor-in-chief**

CHEN Wei, HAN Yaling, WANG Junzhi,  
WANG Rui, ZHANG Yingze, LI Xiaokun,  
FENG Shiqing, HUANG Changjiang,  
CHEN Changqing

**Managing Director**

XIE Xuexing

**Printed by**

Tianjin Hengyuan Printing Co., Ltd.

**Distribution**

Self-Distribution

**Standard Number**

ISSN 1674-5515  
CN 12-1407/R  
CODEN XYYLAW

**Publication Date**

August 28, 2024

**Editor in Charge of This Issue**

JIN Yujie

**Contents**

**Research Paper**

- 1937** Effect and mechanism of Biyan Qingdu Granules on reversing cisplatin resistance in nasopharyngeal carcinoma cells by regulating copper ion transporter CTR1  
SHI Ziyi, LIN Juan, YANG Bing, XU Keyi, ZHANG Tiejun, LI Peng, XU Xu
- 1944** Effects of Wuzi Yanzong Pills on spermatogenesis, IP6K1 expression and mitochondrial DNA methylation in oligoasthenospermia mice  
GAO Ruifang, SUN Lili, ZHANG Guixian, LI Xia, WANG Manxue, YU Xiaomeng, JI Ailing, Yang Jie, LI Wei, HU Sike, LI Wenchang, ZHANG Ying, LIU Hongbin
- 1954** Effect of naringenin on periodontitis rats by regulating cGAS/STING signaling pathway  
YE Lianmei, QI Xue
- 1961** Verification of the mechanism of action of dexmedetomidine in treatment of cerebral ischemia-reperfusion injury based on network pharmacology, molecular docking, and gene chip analysis  
WU Haijun, QIAN Chaozhi, CHEN Xianzhong, WANG Sheng, YANG Hua
- 1969** Based on network pharmacology analysis and verification of the protective mechanism of capsaicin on acute myocardial infarction rats  
WEI Faquan, LIU Xueqian
- 1978** Mechanism of testicular injury induced by tripterygium glycosides based on network pharmacology and experimental verification  
ZHAO Li, JIA Shu, WU Jingyi, SHAO Jingping, YAO Xiaomin
- 1988** Molecular mechanism of *Rhei Radix* et *Rhizoma* in treatment of knee osteoarthritis based on network pharmacology and molecular docking  
WU Yunfei, YUAN Shengchao, TAN Zhichao, LI Zheng, YE Zhongsen
- 1995** Identification on chemical constituents in *Potentillae Radix* by UPLC-QTOF/MS  
ZHANG Lingyun, LIU Kuangyi
- 2001** Determination of saikosaponin b<sub>1</sub> and saikosaponin b<sub>2</sub> in Xiaochaihu Granules by UPLC  
WANG Pei, XU Baohai, SUN Yixuan, LIU Changli

**Clinical Research**

- 2006** Clinical study of troxerutin combined with tirofiban in treatment of acute progressive cerebral infarction  
FAN Yuhong, LI Li, ZHANG Hui, NIU Guisen, ZHANG Yong
- 2012** Clinical study of Qingkailing Injection combined with butylphthalate in treatment of acute cerebral infarction  
ZHANG Cuiyun, MO Rui, CHEN Hong, YIN Hongyu
- 2018** Clinical study of compound porcine cerebroside and ganglioside combined with ozagrel sodium in treatment of acute progressive cerebral infarction  
SUN Liwei, LIN Ping, LI Hua
- 2023** Clinical study on Xinkeshu Pills combined with benidipine in treatment of variant angina pectoris  
WANG Qingjiu, HAN Dali, YU Chunyan
- 2028** Clinical study on Yixinshu Capsules combined with sacubitril valsartan in treatment of chronic heart failure  
MA Qianfeng, ZHANG Tao, WANG Lei
- 2033** Clinical study on Naioxintong Capsules combined with sacubitril valsartan in treatment of ischemic cardiomyopathy  
LI Yanxia, LIU Yang, NIU Zhangxia, LIAN Mingang
- 2038** Clinical study of flutemeivir combined with aminophylline in treatment of stationary phase of chronic obstructive pulmonary disease  
ZHANG Bo, LIU Xinxin, ZHOU Xiaolei, YUAN Yanli, ZHANG Manlin
- 2043** Clinical study on Reduning Injection combined with cefazolin sodium in treatment of acute bronchitis  
SHAO Qiuhong, FAN Liting, TANG Zhiwei
- 2048** Clinical study on Compound Yinhua Jiedu Granules combined with peramivir in treatment of influenza in children  
ZHAO Lingling, ZHENG Bo, Zhang Xiaohong
- 2053** Clinical study of Pudilan Xiaoyan Tablets combined with budesonide in treatment of acute laryngitis in children  
ZHANG Juan, ZHANG Zhongkai, HE Miao, AO Yan, XU Jianying
- 2057** Clinical study of Shenling Baizhu Granules combined with Compound Pancreatin in treatment of functional dyspepsia in children  
HUO Jingyu, LI Chunxia, MA Jiao
- 2062** Clinical study of finerenone combined with irbesartan in treatment of diabetes nephropathy  
LIU Chenggong, MA Haili, LI Wei, CHEN Shupei

## Indexed in:

Science and Technology Core Journal of  
China (Source Journals of Scientific  
Papers of China)

RCCSE China Core Academic Journals (A)

www.CNKI.com China Academic Journals

Integrated Online Database

First-class Journal in Tianjin Core Journal  
of Dictionary of Tianjin Medical Journal  
(2012)

Elsevier Scopus

Chemical Abstracts (CA) in USA

International Pharmaceutical Abstracts (IPA)  
in USA

Ulrich's Periodicals Directory (UPD) in  
USA

Cambridge Scientific Abstracts (CSA) in  
USA

Global Health (GH) in United Kingdom

Index of Copernicus (IC) in Poland

The Western Pacific Region Index Medicus  
(WPRIM)

- 2067 Clinical study on Shenqi Jiangtang Capsules combined with insulin detemir in treatment of gestational diabetes mellitus  
ZHANG Xiya, WANG Bo, TIAN Lihui
- 2072 Clinical study on Shenyan Kangfu Tablets combined with emgliflozin in treatment of diabetic nephropathy  
WANG Yao, LÜ Yuanjun, LING Long, WU Yu, CHENG Shanshan, ZHAO Xintong
- 2077 Clinical study of Yishen Jiangu Capsules combined with alfacalcidol in treatment of osteoporosis of liver and kidney deficiency type  
WANG Ke, YE Hanlu, ZHANG Jin
- 2083 Clinical study on adalimumab combined with iguratimod in treatment of rheumatoid arthritis  
TENG Yan, XIE Xiangliang, KE Liping, DONG Dandan
- 2089 Clinical study on Huamoyan Tablets combined with nimesulide in treatment of knee synovitis  
WANG Peng, JIAO Ying
- 2094 Clinical study on Mailuo Shutong Pills combined with Mucopolysaccharide Polysulfate Cream in treatment of thrombotic superficial phlebitis  
ZHU Hongmei, SUN Jun
- 2099 Clinical study on Shujin Huoxue Tablets combined with alendronate sodium in treatment of early steroid induced femoral head necrosis  
WANG Zhizhen, LI Xingjing, GAO Shu
- 2104 Clinical study of Yimucao Ointment combined with carboprost tromethamine in treatment of postpartum hemorrhage caused by uterine fatigue  
XU Hui, XIAN Ni, CUI Jie
- 2110 Clinical study on Kuntai Capsules combined with Chlorquinaldol Promestriene Vaginal Tablets in treatment of senile vaginitis  
FAN Jing, GU Ying, ZHU Mengdi
- 2115 Comparative study of oral and external application of Liushen Capsules in treatment of oral ulcer  
CHENG Yi
- 2120 Clinical study on Pingxiao Capsules combined with carilizumab in treatment of non-small cell lung cancer  
ZHANG Jing, HUANG Liming, ZHANG Xiaorui, CHENG Cai
- 2125 Clinical study on Zhining Tablets combined with Diosmin Tablets in treatment of internal hemorrhoids  
TAN Pengsheng, YANG Xiuhong, ZHANG Yongli, XIAO Qiang, SUN Maoyuan

## Hospital Pharmacy

- 2130 Analysis on the use of new anti-tumor drugs in Tianjin Baodi Hospital  
ZHUANG Junxue, DOU Yifeng, LIU Junjie, CUI Jinguo
- 2137 Establishment and application of drug utilization evaluation criteria for sivelestat sodium  
LI Tao, YUAN Hongzhong, WANG Facai, XIA Yimiao
- 2142 Evaluation on rationality of recombinant human erythropoietin injection based on attribute hierarchy model  
YUE Yunyue, DI Panpan, XIA Runan, LI Shuai, WANG Zhiyuan, JIA Shuyun, LIANG Hai
- 2148 Application analysis of evidence-based evaluation criteria for off-label drug use in obstetrics and gynecology outpatient department of The Third the People's Hospital of Bengbu  
ZHANG Guanjun, CHENG Jun, SI Fuguo, WANG Long, HAN Yixuan

## Review

- 2154 Research progress on shikonin combined with chemotherapy drugs to reverse tumor drug resistance  
XU Ruixue, WANG Yu
- 2162 Research progress on terpenoids regulating signaling pathway to improve pulmonary fibrosis  
GAN Shihu, YANG Shanjuan, WANG Yue
- 2169 Research progress on anti-tumor mechanism and clinical application of anticancer peptides  
SU Zuheng, MEI Xianlin, WU Kefeng, CHEN Qizhou, YU Huajun, ZHANG Haitao, LUO Hui
- 2177 Research progress on mechanism of neuroprotective effect of nerolidol  
LEI Yining, WANG Wei, XU Yan, ZHANG Ruyi
- 2182 Research progress on microtubule protein inhibitors with antiparasitic effect  
DAWA Zhuoma, LIU Chuanchuan, FAN Haining
- 2187 Research progress on pharmacological effects of resveratrol in prevention and treatment of glaucoma  
SUN Yumei, SHI Wei, ZONG Sihui, ZHANG Xiaoli, YANG Aiyun, PENG Yi