



ZHONGCAOYAO

Chinese Traditional and Herbal Drugs

第 55 卷 第 5 期 (总第 760 期)

2024 年 3 月 12 日出版

半月刊

1970 年 1 月创刊

主 管

天津药物研究院

主 办

天津药物研究院 (www.tjipr.com)

中国药学会 (www.cpa.org.cn)

编辑出版

《中草药》杂志编辑部

地址: 天津市滨海高新区滨海科技园

惠仁道 306 号

邮编: 300462

电话: 022-27474913 23006821

网址: www.tiprpress.com

www.中草药杂志社.中国

E-mail: zcy@tiprpress.com

国际标准连续出版物号

ISSN 0253-2670

国内统一连续出版物号

CN 12-1108/R

主 编 刘昌孝

执行主编 陈常青

目 次

· 专 论 ·

- 1427 多维度多准则儿童中成药临床综合评价指标框架的构建
胡思源, 马 融, 李梅芳, 曾 静, 吴 晶, 柴士伟, 钟成梁
蔡秋晗, 赵泽慧, 孙文聪, 李亚军, 陈月月

· 专家共识 ·

- 1436 宁泌泰胶囊在良性前列腺增生中临床应用中国专家共识
宁泌泰胶囊临床应用中国专家共识编写组, 中国中医药信息学会
男科分会

· 化学成分 ·

- 1443 黑老虎果实中 1 个新的联苯环辛烯型木脂素
刘 健, 陶袁志, 吴沁昱, 马 静, 陈俐亲, 吴文明, 金 岸
- 1451 长鞭红景天中脂肪族类化合物及抗疟活性研究
苟 亮, 卯 锦, 刘博超, 雷 丹, 孙 河, 刘 蓉
肖朝江, 姜 北
- 1460 藤石松的生物碱类成分研究
陈焯琪, 潘亚茹, 卓 越, 张一帆, 顾继洪
- 1466 腾冲重楼根茎的化学成分及抗菌活性研究
杨莹莉, 白 雪, 杨 璐, 罗吉凤, 段晓燕, 王跃虎
- 1477 基于 UPLC-Q-Exactive Orbitrap-MS 技术与网络药理学研究赶黄草
保肝潜在药效物质基础和作用机制
田海涛, 蔡春颖, 赵东升, 张龙霏, 邓志鹏

· 药剂与工艺 ·

- 1493 基于熵权法和层次分析法优选天麻趁鲜切片方法
付 艳, 周 涛, 许清清, 杨昌贵, 张进强, 肖承鸿
- 1502 地龙药材及其处方制剂散寒化湿颗粒中总砷及砷形态研究
王书娟, 胡军华, 姚 雪, 汪盛华, 周恩丽, 章晨峰
于桂芳, 王振中
- 1510 淡豆豉中产 γ -氨基丁酸微生物对产毒黄曲霉菌的拮抗作用和毒素合
成关键基因 mRNA 表达的影响
戴家齐, 贺 婧, 朱晓蓝, 王立元, 龙 凯, 周立分, 杨安全
翁美芝, 谢小梅
- 1518 基于液质联用技术结合化学计量法分析杜仲盐制前后差异性成分
唐 瑞, 吴杭莎, 李亚飞, 赵明方, 方可儿, 张海瑞
葛卫红, 杜伟锋
- 1532 同时测定复方阿胶浆中间体中 17 种化学成分的定量核磁方法
谢欣媛, 杨嘉誉, 潘坚扬, 瞿海斌
- 1541 基于 UPLC 定量指纹图谱与 UPLC-QE-Plus-MS/MS 技术的吴茱萸
(石虎) 标准汤剂含量传递研究
甘佳攀, 张 旗, 陆绍铭, 何思思, 肖柳君, 许 妍, 谭灵芝
薛倩倩, 金红利

· 药理与临床 ·

- 1553 基于网络药理学整合体内实验探究四物汤单味药组分治疗胆汁淤积
性肝损伤的作用与机制
汪 乐, 李佳楠, 杨 洋, 曲姣蓉, 李晓骄阳
- 1567 丹参水提物对野百合碱诱导大鼠肝窦阻塞综合征的抑制作用
张 泽, 孟 宇, 董世缘, 陆 宾, 黄镇林, 季莉莉



ZHONGCAOYAO

Chinese Traditional and Herbal Drugs

第 55 卷 第 5 期 (总第 760 期)

2024 年 3 月 12 日出版

广告合作

中草药杂志社媒体运营部

电话: 022-23006868 23006895

印刷

天津市恒远印刷有限公司

国内发行

天津市邮政局

订 阅

全国各地邮政局

国外发行

中国国际图书贸易集团有限公司

(100044 北京 399 信箱)

国内邮发代号

6-77

国外邮发代号

M221

定价

每期 60.00 元 全年 1440.00 元

广告发布登记号

BH 2020-01

英文责任编辑

姜 丹

本期责任编辑

时 圣 明

- 1578 白术水提物对肥胖小鼠血管稳态失衡的影响
陈钰岚, 魏柯健, 刘 静, 郭静妍, 吕圭源, 苏 洁
- 1590 黄芩汤治疗蓖麻油致小鼠腹泻的作用及机制研究
陈文露, 彭新宇, 康桦华, 潘育方, 唐兴刚, 蒋顺进, 黄炜乾
丁焕中, 黄 婷, 徐志宏
- 1600 新肾病 1 号方调控 miR-199b-5p 抑制肾小管上皮间充质转化改善肾纤维化的作用研究
曾聪聪, 俞文秀, 王成功, 姜程曦, 程锦国
- 1609 基于 UPLC-Q-Exactive Plus-Orbitrap MS 的丹参提取物成分表征及其抗血栓作用谱效相关药效物质基础解析
刘 悦, 丁晓彦, 王 娜, 高 燕, 杨龙飞, 吕 婧, 韩利文
傅春升, 赵瀚年
- 1620 消岩汤姑息治疗中晚期非小细胞肺癌的回顾性临床研究
陈倩倩, 王海龙, 郭政钰, 刘鹏飞, 孔凡铭, 李 倩, 董剑出
贾英杰

• 数据挖掘与循证医学 •

- 1627 基于生物信息学分析活动期溃疡性结肠炎铜死亡相关基因及调控中药预测
高松林, 覃 雁, 张 鹏, 谢兰芳, 徐 哲, 梁 菲, 黄贵华
- 1641 喜炎平注射液治疗社区获得性肺炎: 1 项基于多准则决策分析的临床证据与价值评估研究
陈子佳, 张 强, 雷 超, 王志飞, 谢雁鸣
- 1652 基于 VOSviewer 与 CiteSpace 的植物类药材农残检测研究热点与趋势分析
孔凡乐, 纪瑞锋, 何 新

• 药材与资源 •

- 1665 全基因组水平金银花 *TCP* 基因家族的鉴定及表达模式分析
谭政委, 郭水柱, 苏小雨, 孙 瑶, 余永亮, 李 磊, 张利超
许兰杰, 鲁丹丹, 安素妨, 李春明, 梁慧珍, 王子君
- 1677 三叶崖爬藤查耳酮异构酶基因克隆与外源诱导表达及酶活性分析
郇露群, 龚一富, 宋奕珩, 高孟雪, 王何瑜
- 1686 基于特征图谱-网络药理学-多指标定量的辣木叶调血脂质量标志物 (Q-Marker) 研究
宋亚南, 王 云, 张 村, 杨洪军
- 1699 HPLC 指纹图谱和多成分定量结合化学模式识别法评价不同产地抹茶质量
冉清连, 伍 庆
- 1709 基于 HPLC 指纹图谱及化学模式识别对比研究曲花紫萁及同属药材
李惠敏, 李凤超, 高必兴, 郭佳晨, 张 艺, 蒋桂华, 尹显梅

• 综 述 •

- 1717 天然产物中生物碱类成分调血脂作用机制研究进展
周 昶, 黄 蓉, 蔡 园, 杨乐怡, 董世芬, 姜艳艳
- 1728 中药制造全过程的品质传递控制与一致性评价研究进展
关欢欢, 白 雷, 袁冬平, 陈 盼, 张志同, 谢 辉, 陈 军
陆兔林, 严国俊
- 1738 “伤科要药”三七在骨伤与创伤中的研究进展
刘永妹, 李 新, 韩 梁, 韩彦琪, 许 浚, 张洪兵, 赵专友
张铁军
- 1751 中药苦味成分的发现策略与方法研究进展
刘 惠, 宋 娇, 林俊芝, 苏 娟, 柯秀梅, 仇 敏, 杨 明
张定堃
- 1761 中草药相关肝损伤诊断的现状与进展
吕东霞, 张 帆, 秦佳琪, 张慧雨, 贺 震, 魏玉辉
- 1770 靶向线粒体质量控制防治骨质疏松症及其中药的治疗进展
谢芋涛, 王想福, 叶丙霖, 陈伟国, 赵 恒, 张万乾, 杨焕莹
杨建霞, 陶瑜晶, 任 毅

本刊投稿须知见《中草药》2024, 55(1): 354-356.

期刊基本参数: CN 12-1108 R * 1970 * sm * A4 * 240 * zh * P * ¥ 60.00 * 3000 * 34 * 2024 - 05

CHINESE TRADITIONAL AND HERBAL DRUGS

Vol. 55 No. 5 March 2024

Chinese Traditional and Herbal Drugs

(Semimonthly)

Founded in January, 1970

Supervised by

Tianjin Institute of Pharmaceutical Research

Sponsored by

Tianjin Institute of Pharmaceutical Research

(www.tjipr.com)

Chinese Pharmaceutical Association

(www.cpa.org.cn)

Edited and Published by

Editorial Office of Chinese Traditional
and Herbal Drugs

Address: 306# Huirendao, Binhai District,
Tianjin, China

Post Code: 300462

Tel: +86-22-27474913

Fax: +86-22-23006821

http://www.中草药杂志社.中国

www.tiprpress.com

E-mail: zcy@tiprpress.com

Standard Number

ISSN 0253-2670

CN 12-1108/R

CODEN CTYAD8

Editor-in-chief

LIU Changxiao

Executive Editor-in-chief

CHEN Changqing

Contents

• Special Topic •

- 1427 Construction of multi-dimensional and multi-criteria clinical comprehensive evaluation index framework for children's Chinese patent medicine
HU Siyuan, MA Rong, LI Meifang, ZENG Jing, WU Jing, CHAI Shiwei, ZHONG Chengliang, CAI Qiuhan, ZHAO Zehui, SUN Wencong, LI Yajun, CHEN Yueyue

• Expert Consensus •

- 1436 Chinese expert consensus on clinical application of Ningmitai Capsules in benign prostatic hyperplasia
Chinese Expert Consensus Editing Group on Clinical Application of Ningmitai Capsules, Andrology Branch of China Information Association of Traditional Chinese Medicine

• Chemical Constituents •

- 1443 A new dibenzocyclooctadiene lignan from fruits of *Kadsura coccinea*
LIU Jian, TAO Yuanzhi, WU Qinyu, MA Jing, CHEN Liqin, WU Wenming, JIN An
- 1451 Aliphatic chemical constituents and antimalarial activities of *Rhodiola fastigiata*
GOU Liang, MAO Jin, LIU Bochao, LEI Dan, SUN He, LIU Rong, XIAO Chaojiang, JIANG Bei
- 1460 Study on alkaloids of *Lycopodium casuarinoides*
CHEN Yeqi, PAN Yaru, ZHUO Yue, ZHANG Yifan, GU Jihong
- 1466 Studies on chemical constituents and antimicrobial activities of rhizomes of *Paris tengchongensis*
YANG Yingli, BAI Xue, YANG Jun, LUO Jifeng, DUAN Xiaoyan, WANG Yuehu
- 1477 Potential pharmacodynamic substances basis and mechanism of *Penthorum chinense* in liver protection based on UPLC-Q-Exactive Orbitrap-MS and network pharmacology
TIAN Haitao, CAI Chunying, ZHAO Dongsheng, ZHANG Longfei, DENG Zhipeng

• Pharmaceutics and Technology •

- 1493 Optimization of *Gastrodiae Rhizoma* fresh-cut processing method based on entropy method and analytic hierarchy process
FU Yan, ZHOU Tao, XU Qingqing, YANG Changgui, ZHANG Jinqiang, XIAO Chenghong
- 1502 Study on total arsenic and arsenic forms in *Pheretima* herbs and its prescription preparation of Sanhan Huashi Granules
WANG Shujuan, HU Junhua, YAO Xue, WANG Shenghua, ZHOU Enli, ZHANG Chenfeng, YU Guifang, WANG Zhenzhong
- 1510 Antagonistic effects of γ -amino butyri acid-producing microorganisms existing in the fermentation process of *Sojae Semen Praeparatum* on toxigenic *Aspergillus flavus* and effects on the mRNA expression of key genes for toxin synthesis
DAI Jiaqi, HE Jing, ZHU Xiaolan, WANG Liyuan, LONG Kai, ZHOU Lifan, YANG Anjin, WENG Meizhi, XIE Xiaomei
- 1518 Differential component analysis of *Eucommiae Cortex* and salt-processed *Eucommiae Cortex* based on LC/MS combined with stoichiometry
TANG Rui, WU Hangsha, LI Yafei, ZHAO Mingfang, FANG Keer, ZHANG Hairui, GE Weihong, DU Weifeng
- 1532 Quantitative NMR method for simultaneous determination of 17 chemical components in intermediate of Compound E'jiao Jiang
XIE Xinyuan, YANG Jiayu, PAN Jianyang, QU Haibin
- 1541 Study on quantity value transfer of *Euodiae Fructus* (*Euodia rutaecarpa* var. *officinalis*) standard decoction based on UPLC quantitative fingerprint and UPLC-QE-Plus-MS/MS technology
GAN Jiapan, ZHANG Qi, LU Shaoming, HE Sisi, XIAO Liujuan, XU Yan, TAN Lingzhi, XUE Qianqian, JIN Hongli

• Pharmacological Studies and Clinical Observations •

- 1553 Effect and mechanism of individual components of Siwu Tang in treatment of cholestatic liver injury based on network pharmacology and experimental validation *in vivo*
WANG Le, LI Jianan, YANG Yang, QU Jiaorong, LI Xiaoqiaoyang
- 1567 Effect of *Salvia miltiorrhiza* water extract on inhibiting monocrotaline-induced hepatic sinusoidal obstruction syndrome rats
ZHANG Ze, MENG Yu, DONG Shiyuan, LU Bin, HUANG Zhenlin, JI Lili

Chinese Traditional and Herbal Drugs

(Semimonthly)

Founded in January, 1970

Advertising cooperation

Department of Media Operations, Tianjin

Press of Chinese Herbal Medicines

Tel: (022)23006868 23006895

Printed by

Tianjin Hengyuan Printing Co., Ltd.

Distribution

Tianjin Post Office

Subscription Domestic

Local Post Office

Subscription Overseas

China International Book Trading Corporation,

PO Box 399, Beijing 100044, China

Advertising Registration Number

BH 2020-01

Publication Date

March 12, 2024

Editor in Charge of English

JIANG Dan

Editor in Charge of This Issue

SHI Shengming

- 1578 Effect of *Atractylodes macrocephala* water extract on vascular steady-state imbalance in obese mice
CHEN Yulan, WEI Kejian, LIU Jing, GUO Jingyan, LYU Guiyuan, SU Jie
- 1590 Effect and mechanism of Huangqin Decoction in treatment of castor oil-induced diarrhea mice
CHEN Wenlu, PENG Xinyu, KANG Huahua, PAN Yufang, TANG Xinggang, JIANG Shunjin, HUANG Weiqian, DING Huanzhong, HUANG Ting, XU Zhihong
- 1600 Improved-Nephropathy Formula 1 inhibits epithelial mesenchymal transformation of renal tubular and improves renal fibrosis by regulating miR-199b-5p
ZENG Congcong, YU Wenxiu, WANG Chenggong, JIANG Chengxi, CHENG Jinguo
- 1609 Component characterization of *Salvia miltiorrhiza* extracts based on UPLC-Q-Exactive Plus-Orbitrap MS and analysis of pharmacodynamic material basis related to spectral effect of its antithrombotic activity
LIU Yue, DING Xiaoyan, WANG Na, GAO Yan, YANG Longfei, LYU Jing, HAN Liwen, FU Chunsheng, ZHAO Bonian
- 1620 Retrospective clinical study of Xiaoyan Decoction in palliative treatment of advanced non-small cell lung cancer
CHEN Qianqian, WANG Hailong, GUO Zhengyu, LIU Pengfei, KONG Fanning, LI Qian, DONG Jianchu, JIA Yingjie
- Data Mining and Evidence-Based Medicine •
- 1627 Analysis of cuproptosis-related genes in active ulcerative colitis based on bioinformatics and prediction of regulatory traditional Chinese medicine
GAO Songlin, QIN Yan, ZHANG Peng, XIE Lanfang, XU Zhe, LIANG Fei, HUANG Guihua
- 1641 Xiyanning Injection for community-acquired pneumonia: A clinical evidence and value evaluation study based on multi-criteria decision analysis
CHEN Zijia, ZHANG Qiang, LEI Chao, WANG Zhifei, XIE Yanming
- 1652 Hot spots and trends analysis of pesticide residue detection of botanical medicinal materials based on VOSviewer and CiteSpace
KONG Fanle, JI Ruifeng, HE Xin
- Medicinal Materials •
- 1665 Genome-wide analysis of *TCP* gene family and their expression pattern analysis in *Lonicera japonica*
TAN Zhengwei, GUO Shuizhu, SU Xiaoyu, SUN Yao, YU Yongliang, LI Lei, ZHANG Lichao, XU Lanjie, LU Dandan, AN Sufang, LI Chunming, LIANG Huizhen, WANG Zijun
- 1677 Cloning and exogenous induction of expression of the chalcone isomerase gene from *Tetrastigma hemsleyanum* and enzymatic activity analysis
LI Luqun, GONG Yifu, SONG Yiheng, GAO Mengxue, WANG Heyu
- 1686 Study quality markers for blood lipid-lowering effect of *Moringa oleifera* leaves based on specific chromatogram, network pharmacology and multi-index quantitative analysis
SONG Yanan, WANG Yun, ZHANG Cun, YANG Hongjun
- 1699 Quality evaluation of matcha from different producing areas by HPLC fingerprint, multi-component quantitative and chemical pattern recognition
RAN Qinglian, WU Qing
- 1709 Comparative study of *Corydalis curviflorae herba* and medicinal materials of *Corydalis* based on HPLC fingerprint and chemical pattern recognition
LI Huimin, LI Fengchao, GAO Bixing, GUO Jiachen, ZHANG Yi, JIANG Guihua, YIN Xianmei
- Reviews •
- 1717 Research progress on mechanism of hypolipidemic effect of alkaloid components in natural products
ZHOU Chang, HUANG Rong, CAI Yuan, YANG Leyi, DONG Shifen, JIANG Yanyan
- 1728 Research progress on quality transfer control and consistency evaluation in whole process of traditional Chinese medicine manufacturing
GUAN Huanhuan, BAI Lei, YUAN Dongping, CHEN Pan, ZHANG Zhitong, XIE Hui, CHEN Jun, LU Tulin, YAN Guojun
- 1738 Research progress on *Notoginseng Radix et Rhizoma* of traumatology essential medicine in bone injury and trauma
LIU Yongshu, LI Xin, HAN Liang, HAN Yanqi, XU Jun, ZHANG Hongbing, ZHAO Zhuanyou, ZHANG Tiejun
- 1751 Research progress on discovery strategies and methods of bitter ingredients in traditional Chinese medicine
LIU Hui, SONG Jiao, LIN Junzhi, SU Juan, KE Xiumei, QIU Min, YANG Ming, ZHANG Dingkun
- 1761 Current status and advance of diagnosis of herb-induced liver injury
LYU Dongxia, ZHANG Fan, QIN Jiaqi, ZHANG Huiyu, HE Zheng, WEI Yuhui
- 1770 Advances in targeting mitochondrial quality control against osteoporosis and its herbal medicine therapy
XIE Yutao, WANG Xiangfu, YE Binglin, CHEN Weiguang, ZHAO Heng, ZHANG Wanqian, YANG Huanying, YANG Jianxia, TAO Yujing, REN Yi