



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

ISSN 1006—4931
CN 50—1054/R

中国药业

2020年 第29卷 第21期 2020.Vol.29 No.21

半月刊

- ◆《国家科技学术期刊开放平台》收录期刊
- ◆《中国学术期刊影响因子年报》统计源期刊
- ◆美国《化学文摘》(CA)来源期刊
- ◆美国《乌利希期刊指南》(UPD)收录期刊
- ◆日本科学技术振兴机构数据库(JST)收录期刊
- ◆CNKI中国期刊全文数据库收录期刊
- ◆中国核心期刊(遴选)数据库收录期刊
- ◆中文科技期刊数据库(VIP)收录期刊
- ◆中文生物医学期刊文献数据库(CMCC)收录期刊
- ◆中文生物医学期刊引文数据库(CMCI)收录期刊

ISSN 1006-4931



国家药品监督管理局 主管

21
2020.11

半月刊
1992年1月创刊
2020年11月 第29卷 第21期
(总第520期)
2020年11月5日出版

中國藥業

錢信忠

CHINA PHARMACEUTICALS

目 次

● 专 论

苍术防治疫病本草文献、药理学及临床研究概况

..... 庄红艳,房萌,王艳梅,朱虹,刘杰,赵燕,李雪,薛春苗(1)

● 实验研究

芪芎通络胶囊对小鼠骨质疏松的改善作用及机制研究 王鹏程,唐渊(5)

4种炮制方法对陈皮中橙皮苷和芸香柚皮苷含量的影响 丁琛,郑艳萍,陈丽(9)

气相色谱-质谱联用技术分析白扁豆不同部位挥发性成分

..... 张晓雪,杨秀娟,彭小园,王玉春,周莉,刘兴超,郭秋红(12)

Native CT-II改善单碘乙酸致大鼠骨性关节炎实验研究 吴婷婷,朱美红,王国平,王伙根,张森林(15)

非连续等温热分析法测定药物共晶三元相图的设备适用性分析 司承运,魏鑫,李明皓,牛惠娟,徐开俊(19)

木香羌活汤煎煮工艺优化 黄建明,罗伟良,严慕贤(22)

人参皂苷 Rb₁ 对人乳腺癌 MDA-MB-231 细胞上皮-间质转化及 ROR1 表达的影响

..... 王楠,廖莎,陈璐,黄超,曹森林,范利锋,王莹(25)

辛伐他汀对人前列腺癌 PC3 细胞增殖、凋亡及 Ras/Rho 通路的影响 陈亚梅,李冬水,余明主(29)

比格犬体内右旋酮洛芬氨丁三醇水凝胶贴剂药代动力学研究 陈永顺,吴珍(33)

妇科千金片对慢性盆腔炎大鼠炎性因子及血管内皮功能相关因子的影响

..... 杨堃,邓卉,徐小娟,徐梦霞,段亚亭,杨铧琦(36)

● 质量研究

注射用益气复脉(冻干)中糖类成分研究 王莹,李耀磊,岳洪水,刘丽娜,金红宇,马双成(41)

柱前衍生化反相高效液相色谱法测定盐酸二甲双胍缓释片中二甲胺含量

..... 张一平,张倩,王一然,宫晓菲,任雅丽,夏学军,刘玉玲(44)

虎杖药材中 5 种重金属及有害元素含量测定及风险探讨 李莹,胡玉英(49)

清肺排毒合剂(新冠 1 号)质量标准研究

..... 罗群,杨思进,蒲清荣,黄锐,赵剑,赵福兰,王诗杨,王饶琼,任维,刘佳利(52)

高效液相色谱法同时测定益肾壮骨丸中芍药苷、莫诺苷和马钱苷含量

..... 张璐,姜志戎,尹萌,胡旭,朱殿雨,田静(56)

药用胶塞中残留水分检测方法探讨 吴红洋,詹宇杰,李莎,蒋波,余春梅,蒋猛,范能全(59)

抗炎退热片高效液相色谱指纹图谱的建立及其 7 种成分含量测定 肖何芳(62)

- 丙戊酸钠口服液病区存放稳定性考察 崔 华,潘 茗,李 欣,张 海,曲素欣(67)
 高效液相色谱法测定痔复康颗粒中黄芩苷含量 陈 锋,孟庆海,赖新华,徐晓梅,林晓春,李庆德,郑锦坤(70)
 微波消解 - 电感耦合等离子体质谱法测定整蛋白型肠内营养剂中铁、锌、铜、锰元素含量
 郭 雷,宋 宇,邵天舒,周长明(72)
 高效液相色谱法测定感冒灵颗粒中咖啡因、阿司匹林和非那西丁含量 刘彬果,叶盛英(75)

● 药品评价

- 垂体后叶素与缩宫素用于腹腔镜下子宫肌壁间肌瘤剔除术中止血效果比较 陈小蕾,张 婷(78)
 阿奇霉素联合米力农治疗慢性阻塞性肺疾病伴肺动脉高压临床研究 李雨晴,张孟材,王志峰,符之月(81)
 参术益中汤联合 mFOLFOX6 方案治疗低位直肠癌疗效评价 历宝国,郝春莉,王 蕾,赵林颖,宋学亭(84)
 双联抗血小板聚集治疗急性缺血性脑血管病合理用药评价
 邱硕程,谭钰涵,黄志伟,谭家豪,王建欣,杨继章(87)
 氯胺酮联合右美托咪定对伴抑郁胸科手术患者血流动力学的影响
 胡 莉,黄大雪,王 丹,黄晓於,刘 竞(90)

● 综 述

- 丹参酮ⅡA 药理作用研究进展 吴筱霓,刘 伟,何玉华,顾秀竹(93)
 氯喹和羟氯喹抗病毒治疗药理作用及不良反应研究进展 钱 灿,袁 婷,杜 悠,刘凤芬,宿怀予(97)



中国标准连续出版物号 ISSN 1006-4931 CN 50-1054/R

主管单位 国家药品监督管理局

北京市西城区展览路北露园1号,100037

主办单位 重庆市药品监督管理局

重庆市渝北区食品城大道27号,401120

编辑出版 中国药业杂志社

重庆市渝中区长江一路61号地产大厦
1号楼19层,400014

印刷单位 重庆市国丰印务有限责任公司

重庆市巴南区金竹工业园区金竹街36号,401320

国内发行 中国邮政集团公司重庆市分公司

重庆市渝中区嘉陵桥西村83号,400015

国外发行 中国国际图书贸易集团有限公司

北京市海淀区车公庄西路35号,100048

邮发代号 国内 78-130 国外 SM 5135

全国各地邮局(所)均可订阅

定 价 每册 10.00 元,全年 240 元

广告经营许可证号 (渝中市监)广登字(2020)第002号

开 户 银 行 交通银行重庆渝中支行

账 号 500102120010149000795

第九届编委会组成

顾 问	齐谋甲	樊代明	刘昌孝	
主任委员	周隆海			
副主任委员	赵 勇	胡 欣	王晓波	史录文
	高 申	蒋学华	邵 蓉	缪丽燕
	张伶俐	林能明	张晓坚	苏乐群
	张 蓉	李 健	绳金房	封卫毅
	赵春景	黄富宏	徐维平	吴建龙
				汤 华

名 誉 主 编	张鹤镛			
主 编	刘 斌			
执行主编	郭 澄	夏培元	文爱东	徐 斑
副 主 编	赵志刚	葛卫红	邱 峰	赵荣生
	王婧雯	赖伟华	周本杰	卞晓岚
	叶 云	陈剑鸿	蓝 柯	刘松青
	王永庆		王 凌	枉 前

电 话 023-86592565

在 线 投 稿 <http://www.zhongguoyaoye023.com>

声 明

- 1.本刊刊发文章不代表本刊观点,版权归中国药业杂志社所有。未经授权,其他任何机构、个人不得转载、摘编。
 2.本刊被中国知网、万方数据、维普资讯等数据库和本网站全文收录,作者稿酬包括上述数据库和网站的使用报酬。若作者不同意收录,请在来稿时声明,以便妥善处理。
 3.本刊稿酬有现金和转赠《中国药业》两种支付方式,投稿本刊即视为同意本刊稿酬支付标准和支付方式。需现金支付稿酬的作者,请务必在投稿时声明或在论文刊发前来电来函告知。若无特殊声明,论文发表3个月内,本刊将据其稿酬金额自动转赠《中国药业》杂志。

期刊基本参数:CN 50-1054/R * 1992 * s * A4 * 96 * zh * P * ¥10.00 * * 29 * 2020-21

本期责任编辑 王海英

责任校对 陈 固

英文编辑 张小林

China Pharmaceuticals

November 5, 2020 Volume 29 – Number 21

Contents

◆ **Monograph**

- Literature, Pharmacology and Clinical Research of *Rhizoma Atractylodis* on Prevention and Control of Epidemic Diseases ZHUANG Hongyan, FANG Meng, WANG Yanmei, ZHU Hong, LIU Jie, ZHAO Yan, LI Xue, XUE Chunmiao(1)

◆ **Experiment Research**

- Effect and Mechanism of Qixiong Tongluo Capsules on Osteoporosis in Mice WANG Pengcheng, TANG Yuan(5)
- Effect of Four Processing Methods on the Contents of Hesperidin and Rutnaringin in *Pericarpium Citri Reticulatae* DING Chen, ZHENG Yanping, CHEN Li(9)
- Analysis of Volatile Components in Different Parts of *Dolichos Lablab* by GC – MS ZHANG Xiaoxue, YANG Xiujuan, PENG Xiaoyuan, WANG Yuchun, ZHOU Li, LIU Xingchao, GUO Qiuhong(12)
- Improving Effect of Native CT – II on the Monoiodoacetic Acid – Induced Osteoarthritis in Rats WU Tingting, ZHU Meihong, WANG Guoping, WANG Huogen, ZHANG Senlin(15)
- Applicability of Equipment for Determination of Ternary Phase Diagram of Drug Co – Crystals by Discontinuous Isothermal Thermal Analysis SI Chengyun, WEI Xin, LI Minghao, NIU Huijuan, XU Kaijun(19)
- Optimization of the Decoction Technology of *Muxiang Qianghuo* Decoction HUANG Jianming, LUO Weiliang, YAN Muxian(22)
- Effect of Ginsenoside Rb₁ on the Epithelial – Mesenchymal Transition and ROR1 Expression in Human Breast Cancer MDA – MB – 231 Cells WANG Nan, LIAO Sha, CHEN Lu, HUANG Chao, CAO Senlin, FAN Lifeng, WANG Ying(25)
- Effect of Simvastatin on Proliferation, Apoptosis and Ras/Rho Signaling Pathway of Human Prostate Cancer PC3 Cells CHEN Yamei, LI Dongshui, YU Mingzhu(29)
- Pharmacokinetics of Dexketoprofen Trometamol Hydrogel Patch in Beagle Dogs CHEN Yongshun, WU Zhen(33)
- Effect of Fuke Qianjin Tablets on Inflammatory Factors and Vascular Endothelial Function Factors in Rats with Chronic Pelvic Inflammation Disease YANG Kun, DENG Hui, XU Xiaojuan, XU Mengxia, DUAN Yating, YANG Huaqi(36)
- ### ◆ **Quality Research**
- Study on Saccharides in Yiqi Fumai Lyophilized Injection WANG Ying, LI Yaolei, YUE Hongshui, LIU Lina, JIN Hongyu, MA Shuangcheng(41)
- Content Determination of Dimethylamine in Metformin Hydrochloride Sustained – Release Tablets by RP – HPLC with Pre – Column Derivatization ZHANG Yiping, ZHANG Qian, WANG Yiran, GONG Xiaofei, REN Yali, XIA Yuejun, LIU Yuling(44)
- Content Determination and Health Risk of Five Heavy Metals and Harmful Elements in *Polygonum Cuspidatum* LI Ying, HU Yuying(49)
- Quality Standard of Qingfei Paidu Mixture(Xin Guan No.1) LUO Qun, YANG Sijin, PU Qingrong, HUANG Rui, ZHAO Jian, ZHAO Fulan, WANG Shiyang, WANG Raoqiong, REN Wei, LIU Jiali(52)
- Content Determination of Paeoniflorin, Morroniside and Loganin in Yishen Zhuanggu Pills by HPLC ZHANG Lu, JIANG Zhirong, YIN Meng, HU Xu, ZHU Dianyu, TIAN Jing(56)
- Detection of Residual Moisture in Medicinal Rubber Stopper WU Hongyang, ZHAN Yujie, LI Sha, JIANG Bo, YU Chunmei, JIANG Meng, FAN Nengquan(59)
- Establishment of HPLC Fingerprint and Content Determination of Seven Components in Kangyan Tuire Tablets XIAO Hefang(62)
- Stability of Sodium Valproate Oral Solution During Storage in the Ward CUI Hua, PAN Ming, LI Xin, ZHANG Hai, QU Suxin(67)

- Content Determination of Baicalin in Zhifukang Granules by HPLC**
..... CHEN Feng, MENG Qinghai, LAI Xinhua, XU Xiaomei, LIN Xiaochun, LI Qingde, ZHENG Jinkun(70)
- Content Determination of Fe, Zn, Cu and Mn in Intacted Protein Enteral Nutrition Powder by MAE – ICP – MS** GUO Lei, SONG Yu, SHAO Tianshu, ZHOU Changming(72)
- Content Determination of Caffeine, Aspirin and Phenacetin in Ganmaoling Granules by HPLC**
..... LIU Binguo, YE Shengying(75)

◆Drug Evaluation

- Comparision of Hemostasis Effect of Vasopressin and Oxytocin on Laparoscopic Intramural Myomectomy**
..... CHEN Xiaolei, ZHANG Ting(78)
- Efficacy of Azithromycin Combined with Milrinone in the Treatment of Chronic Obstructive Pulmonary Disease and Pulmonary Arterial Hypertension** LI Yuqing, ZHANG Mengcai, WANG Zhifeng, FU Zhiyue(81)
- Efficacy of Shenzhuyizhong Decoction Combined with mFOLFOX6 Chemotherapy Regimen in the Treatment of Patients with Low Rectal Cancer**
..... LI Baoguo, HAO Chunli, WANG Lei, ZHAO Linying, SONG Xueling(84)
- Rational Drug Use of Dual Antiplatelet Aggregation in the Treatment of Acute Ischemic Cerebrovascular Disease** QIU Shuocheng, TAN Yuhan, HUANG Zhiwei, TAN Jiahao, WANG Jianxin, YANG Jizhang(87)
- Effect of Ketamine Combined with Dexmedetomidine on Hemodynamics in Patients with Depression After Thoracic Surgery** HU Li, HUANG Daxue, WANG Dan, HUANG Xiaoyu, LIU Jing(90)

◆Review

- Research Progress on Pharmacological Effect of Tanshinone II_A**
..... WU Xiaoni, LIU Wei, HE Yuhua, GU Xiuzhu(93)
- Research Progress on Pharmacological Effect and Adverse Reactions of Chloroquine and Hydroxychloroquine in Antiviral Therapy** QIAN Can, YUAN Ting, DU You, LIU Fengfen, SU Huaiyu(97)



中国药业
ZHONGGUO YAODE

China Standard Serial Numbering ISSN 1006-4931 CN 50-1054/R

Administred by National Medical Products Administration
No.1,Baileuyuan,Zhanlan Road,Xicheng Dist.,Beijing,China,100053

Sponsored by Chongqing Municipal Drug Administration
No.27,Food City Avenue,Yubei Dist.,Chongqing,China,401120

Edited & Published by China Pharmaceuticals Magazine Agency
19th Floor, Building 1, Real Estate Mansion
No.61,Changjiang No.1 St.,Yuzhong Dist.,Chongqing,China,400014

Printed by Chongqing Guofeng Printing Co.,Ltd.
No.36,Jinzh St.,Jinzh Industrial Park,Ba'nan Dist.,Chongqing,China,401320

Domestic Distributor

Chongqing Branch of China Post Group
No.83,West Village of Jialingqiao,Yuzhong Dist.,Chongqing,China,400015

Overseas Distributor

China International Book Trading Corporation
No.35,West Road of Chegongzhuang,Haidian Dist.,Beijing,China,100048

Domestic Code 78-130 **Overseas Code** SM 5135

Price ¥10.00 for each book, ¥240 for whole year

Bank of Deposit

Chongqing Yuzhong Subbranch of Bank of Communications
Account Number 500102120010149000795

Members of the 9th Editorial Board

Consultants Qi Moujia Fan Daiming Liu Changxiao

Chairman Zhou Longhai

Vice Chairman

Zhao Yong	Hu Xin	Wang Xiaobo
Shi Luwen	Lyu Qianzhou	Gao Shen
Jiang Xuehua	Shao Rong	Miao Liyan
Tong Rongsheng	Zhang Lingli	Lin Nengming
Zhang Xiaojian	Su Lequn	Chen Yongchuan
Zhang Rong	Li Jian	Sheng Jinfang
Feng Weiyi	Wu Jianlong	Zhao Chunjing
Huang Fuhong	Xu Weiping	Tang Hua

Honorary Editor-in-Chief Zhang Heyong

Editor-in-Chief Liu Bin

Executive Editors – in – Chief

Guo Cheng	Xia Peiyuan
Wen Aidong	Xu Ting

Associate Editors – in – Chief

Zhao Zhigang	Ge Weihong	Qiu Feng
Zhao Rongsheng	Zhang Jian	Wang Jingwen
Lai Weihua	Zhou Benjie	Bian Xiaolan
Liu Songqing	Ye Yun	Chen Jianhong
Lan Ke	Wang Ling	Wang Qian
Wang Yongqing		

Tel 023-86592565

Web <http://www.zhongguoyaoye023.com>

Executive Editors Wang Haiying

Executive Proofreader Chen Nan

English Editor Zhang Xiaolin