

中国科技核心期刊（中国科技论文统计源期刊）

美国《化学文摘》(CA)收录

荷兰《医学文摘》(EMBASE)收录

荷兰Scopus数据库收录

波兰《哥白尼索引》(IC)收录

美国《乌利希期刊指南》(UPD)收录

中国生物医学文献数据库收录

万方数据——数字化期刊群全文收录

中文科技期刊数据库全文收录

中国学术期刊网络出版总库全文收录

国家科技学术期刊开放平台全文收录

ISSN 2095-1264

CN 43-1507/R

CODEN ZYHAE8

肿瘤药学[®]

ZHONGLIU YAOXUE

2023年2月第13卷第1期（双月刊）

ANTI-
TUMOR
PHARMACY

Volume 13 Number 1
February 2023



www.zgzlyx.com

ISSN 2095-1264



9 772095 126231



湖南省卫生健康委员会主管
湖南省肿瘤医院主办
中国抗癌协会系列期刊
JOURNALS OF THE CHINA ANTI-CANCER ASSOCIATION

1
2023

主 管:
湖南省卫生健康委员会

主 办:
湖南省肿瘤医院

学术顾问:
韩 锐 霍仕文 马 军
梅建明 孙 燕(院士)
王忠民 胥 彬 杨汉煜
甄永苏(院士) 周宏灏(院士)

编委会主任:
肖亚洲

名誉主编:
任华益

主 编:
王 静

副主编:
董晓荣 廖前进 刘昭前
欧阳取长 伍 奕 向 阳
杨 农 杨小平 张会来
周 辉

编辑部主任:
龚 倩

编 辑:
董珊珊 李 征 于 静

责任编辑:
王 娟

出 版:
《肿瘤药 学》编辑部

国内发行:
湖南省报刊发行局
邮发代号: 42-391

国外发行:
中国国际图书贸易集团有限公司
(北京399信箱, 100048)
代号: BM2809

目 录

指南·规范·共识

妇科恶性肿瘤放化疗期间应用聚乙二醇化重组人粒细胞集落刺激因子(PEG-rhG-CSF)的中国专家共识(2023年版) 1

综述

免疫靶向药物治疗非小细胞肺癌的最新研究进展
..... 陈 景, 李斯妮, 李健和, 等 11

中国阿片类药物管理研究进展 张 露, 黄行行, 刘可可, 等 17

免疫检查点抑制剂在晚期黑色素瘤应用中的免疫相关不良反应研究进展
..... 席加喜, 张华君, 苏恒海, 等 23

铂耐药卵巢癌的免疫治疗研究进展 刘慧珍, 赵宏伟 29

基础研究

miR-197在人口腔鳞状细胞癌中的表达及对细胞增殖的作用机制
..... 张旭凤, 符起亚, 郑根建, 等 35

Fibronectin 1促进胃癌细胞耐药及其作用机制研究
..... 岳芙蓉, 彭科瑜, 张 力, 等 43

表没食子儿茶素-3-没食子酸酯通过ERK1/2通路对肝癌HepG2细胞凋亡、增殖、迁移和侵袭的影响..... 张金颖, 陈俊玲 50

芦荟大黄素对肝癌HepG2细胞放射敏感性的影响
..... 李晓龙, 谢天皓, 哈思宁, 等 56

TIM-3在人胶质瘤中的表达及其对人胶质瘤细胞U251凋亡与侵袭的作用研究
..... 赵 强, 罗 霜, 马栋斌 62

临床研究

贝伐珠单抗治疗初治卵巢癌患者的真实世界研究
..... 张 楠, 郑 虹, 高雨农, 等 69

哌柏西利联合内分泌药物治疗中国晚期乳腺癌的不良反应真实世界研究
..... 胡 晓, 张会强, 周金妹, 等 77

针刺麻醉对老年直肠癌根治术患者术后认知功能和血清S100 β 、MMP-9、BDNF蛋白水平的影响 解 建, 郭 君 84

TruScreen异常结果在非宫颈癌筛查人群中的影响因素分析
..... 唐学研, 张 璇, 付漂白, 等 89

基于中医传承辅助系统分析阳和汤治疗恶性肿瘤的组方及应用规律
..... 唐敏莉, 孙银辉, 曾柏荣, 等 94

中国标准连续出版物号:

ISSN 2095-1264
CN 43-1507/R

商标注册证号:

6125707

印刷:

长沙芙蓉印务广告有限公司

邮购:

《肿瘤药学》编辑部(长沙市岳麓区咸嘉湖路582号湖南省肿瘤医院,邮编:410013)

(本刊发行部全年办理补订手续)

电话:

0731-89762609, 0731-88651236

网址:

<http://www.zgzlyx.com>

中国知网优先数字出版网址:

<http://www.cnki.net>

邮箱:

zgzlyx2011@163.com

zgzlyx2011@126.com

微信服务号:

肿瘤药学杂志

定价:

每本30元, 全年180元

出版日期:

2023年2月28日

期刊基本参数:

CN 43-1507/R*2011*B*A4*132*

ZH*P*¥30.00*21*2023-2

本刊版权归《肿瘤药学》编辑部所有, 如有印刷质量问题请向编辑部申请更换。

非小细胞肺癌根治术后辅助化疗的预后因素分析

…………… 李青黛, 吴萌, 王红兵 99

胃瘫方烫熨结合脐灸促进胃部肿瘤术后胃瘫恢复的效果观察

…………… 颜晔, 曾进浩 106

药品安全数据研究

阿来替尼不良反应信号挖掘与分析…………… 胡敏, 张喆, 陈力 111

药学服务

临床药师参与1例行腹膜透析的乳腺癌患者使用多西他赛的药物治疗

…………… 周菊香, 王双英, 刘俊骥, 等 118

肿瘤护理

肺癌化疗患者心理弹性特点及与疲乏程度的相关性研究

…………… 薛翔, 李莉, 伏加慧, 等 122

病例报道

免疫检查点抑制剂治疗期间并发肺孢子菌感染: 两例病例报道并文献复习

…………… 刘中安, 陈叶珊, 黄艾, 等 127

Administrative Office:

Health Commission of Hunan Province

Sponsored by:

Hunan Cancer Hospital

Academic Advisor:

HAN Rui, HUO Shiwen, MA Jun,
MEI Jianming, SUN Yan,
WANG Zhongmin, XU Bin, YANG Hanyu,
ZHEN Yongsu, ZHOU Honghao

Chief of Editorial Board:

XIAO Yazhou

Honorary Editor-in-Chief:

REN Huayi

Editor-in-Chief:

WANG Jing

Deputy Editor-in-Chief:

DONG Xiaorong, LIAO Qianjin,
LIU Zhaoqian, OUYANG Quchang,
WU Yi, XIANG Yang, YANG Nong,
YANG Xiaoping, ZHANG Huilai,
ZHOU Hui

Director of Editorial Department:

GONG Qian

Editor:

DONG Shanshan, LI Zheng, YU Jing

Editor in Charge:

WANG Juan

Publication:

Editorial Department of Anti-tumor
Pharmacy

Domestic Distributor:

Hunan Bureau for Distribution of
Newspaper and Periodicals
Code No. 42-391

Overseas Distributor:

China International Book Trading
Corporation (P.O. Box 399, Beijing,
100048, China)
Code No. BM2809

CONTENTS

Guide · Standard · Consensus

Chinese expert consensus on the application of pegylated recombinant human granulocyte colony-stimulating factor (PEG-rhG-CSF) during chemoradiotherapy for gynecological malignancies (2023 Edition) 1

Review

Recent advances in immune-targeted therapy for non-small cell lung cancer
..... CHEN Jing, LI Sini, LI Jianhe, et al. 11

Overview of management and control of opioids in China
..... ZHANG Lu, HUANG Hangxing, LIU Keke, et al. 17

Research progress on immune-related adverse effects of immune checkpoint inhibitors
in advanced melanoma XI Jiayi, ZHANG Huaqun, SU Henghai, et al. 23

Research progress of immunotherapy for platinum-resistant ovarian cancer
..... LIU Huizhen, ZHAO Hongwei 29

Basic Research

Expression of miR-197 in human oral squamous cell carcinoma and its mechanism of
action on cell proliferation
..... ZHANG Xufeng, FU Qiya, ZHENG Genjian, et al. 35

Fibronectin 1 promotes drug resistance of gastric cancer cells and its mechanism
..... YUE Furong, PENG Keyu, ZHANG Li, et al. 43

Effects of epigallocatechin-3-gallate on the proliferation, apoptosis, migration and
invasion of HepG2 cells through ERK1/2 pathway
..... ZHANG Jinying, CHEN Junling 50

Effects of aloe-emodin on the radiosensitivity of HepG2 cells
..... LI Xiaolong, XIE Tianhao, HA Sining, et al. 56

The expression of TIM-3 in human gliomas and its effects on the apoptosis and invasion
of glioma cells U251 ZHAO Qiang, LUO Shuang, MA Dongbin 62

Clinical Research

Real world study of bevacizumab treatment in patients with primary diagnosed ovarian
cancer ZHANG Nan, ZHENG Hong, GAO Yunong, et al. 69

Adverse events of palbociclib combined with endocrine drugs in the treatment of
advanced breast cancer in China: a real world study
..... HU Xiao, ZHANG Huiqiang, ZHOU Jinmei, et al. 77

China Standard Serial Numbering:

ISSN 2095-1264
CN 43-1507/R

Trademark Registration:

6125707

Printing:

Changsha Fuyin Printing and Advertising Co., Ltd.

Post Address:

Editorial Department of *Anti-tumor Pharmacy* (No.582 Xianjiahu Road, Changsha, Hunan, China, 410013)

Tel: 0731-89762609, 0731-88651236

Website: <http://www.zgzlyx.com>

Online First: <http://www.cnki.net>

E-mail: zgzlyx2011@163.com

zgzlyx2011@126.com

WeChat Service Account:

AntiTumorPharmacy

Price: ¥30/Issue, ¥180/Year

Publishing Date:

Feb. 28, 2023

Basic Information of the Journal:

CN 43-1507/R*2011*B*A4*132* ZH*P*

¥30.00*21*2023-2

Effects of acupuncture anesthesia on postoperative cognitive function and serum levels of S100B, MMP-9 and BDNF protein in elderly patients undergoing radical resection of rectal cancer XIE Jian, GUO Jun 84

Analysis of clinical influencing factors of abnormal results of TruScreen detection for cervical cancer TANG Xueyan, ZHANG Xuan, FU Piaobai, et al. 89

Analysis of the prescription and application regularity of Yanghe decoction in the treatment of malignant tumor based on the traditional Chinese medicine inheritance support system TANG Minli, SUN Yinhui, ZENG Bairong, et al. 94

Analysis of prognostic factors of non-small cell lung cancer after radical resection and postoperative adjuvant chemotherapy LI Qingdai, WU Meng, WANG Hongbing 99

Observation on the effects of gastroparesis recipe ironing therapy combined with umbilical moxibustion on the recovery of gastroparesis after gastric tumor surgery YAN Ye, ZENG Jinhao 106

Drug Safety Data Research

Signal mining and analysis of adverse reactions associated with alectinib HU Min, ZHANG Zhe, CHEN Li 111

Pharmacy Service

Clinical pharmacists' participation in the treatment of docetaxel for a breast cancer patient undergoing peritoneal dialysis ZHOU Juxiang, WANG Shuangying, LIU Junji, et al. 118

Nursing

Psychological resilience of lung cancer patients with chemotherapy and its relation with fatigue degree XUE Xiang, LI Li, FU Jiahui, et al. 122

Case Report

Pneumocystis jirovecii infection during immune checkpoint inhibitor therapy: a report of two cases and review of literature LIU Zhong'an, CHEN Yeshan, HUANG Ai, et al. 127

• 特别声明 •

本刊作者文责自负，稿件一经采用，该文的复制权、发行权、信息网络传播权、汇编权等相关权利视为自动转让给本刊。本刊有权将上述权利转授给收录本刊的数据库，如作者不同意文章被转录，请来稿时注明，本刊将做适当处理。