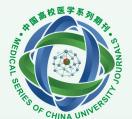


中国科技论文统计源期刊  
中国科技核心期刊  
中国高校优秀科技期刊  
安徽省优秀科技期刊



ISSN 1000-2200  
CN 34-1067/R  
CODEN BYIXEM

# 蚌埠医学院学报

BENGBU YIXUEYUAN XUEBAO

Journal of Bengbu Medical College

2021

2021年5月 第46卷 第5期  
May 2021 Vol.46 No.5



# 蚌埠医学院学报

月刊 1976 年创刊

第 46 卷 第 5 期 总第 305 期

2021 年 5 月 15 日出版

**主管单位**

安徽省教育厅

**主办单位**

蚌埠医学院

**编 辑**

蚌埠医学院学报编辑委员会

**主 编**

高怀荃

**出 版**

蚌埠医学院学报编辑部

安徽省蚌埠市东海大道 2600 号

邮编 233030

电话:(0552)3175456

E-mail:byxb@vip.163.com

<http://xuebao.bbmc.edu.cn>

**印 刷**

合肥亚尼印务有限公司

**发 行**

国内:蚌埠市邮政局

国外:中国国际图书贸易总公司

(北京 399 信箱,100044)

代号:BM6535

**订 购**

全国各地邮政局

邮发代号:26-37

**邮 购**

蚌埠医学院学报编辑部

**定 价**

国内:¥15.00/期

国外:\$10.00/期

**广 告 经 营 许 可 证 号**

3403011000016

**广 告 总 代 理**

河南黝墨文化传播有限公司

电话:(0371)55001637

**中 国 标 准 连 续 出 版 物 号**

ISSN 1000-2200

CN 34-1067/R

2021 年版权归蚌埠医学院所有

## 目 次

**基础医学**

- 叶酸缺乏对 L02 细胞增殖、凋亡及纺锤体组装检查点相关蛋白表达的影响 .....  
任欢欢, 杨瑜, 徐洪宝, 王忠迈, 程宗, 梁猛, 王春景, 廖亚平(561)  
舒尼替尼调控 miR-143 对人肾癌细胞增殖、侵袭的影响 .....  
高迎新, 应冲涛, 崔迪, 梅传忠(566)  
脊髓集落刺激因子 1 在大鼠吗啡镇痛耐受中的作用 .....  
赵昱, 吴军, 安扬, 常青(570)

**临床医学**

- 女性急性冠脉综合征病人临床特征、GRACE 危险分层、TIMI 危险评分及预后的  
关系研究 .....  
李妙男, 包炳蔚, 姚卓亚, 钱少环, 史晓俊, 闵生萍, 高大胜, 王洪巨(574)  
心房颤动射频消融治疗的临床疗效及 C 反应蛋白对远期不良事件的预测价值 ...  
张维, 张冰, 钱少环, 唐碧, 张先林, 王嫣然, 康品方, 张恒(579)  
腹腔镜肝切除在肝细胞肝癌中的应用价值分析 .....  
刘双池, 谈燚, 庞青, 金浩, 范龙飞, 段家康(583)  
下腹部浅动脉穿支皮瓣与前臂皮瓣供区远期功能恢复的比较 .....  
郭振飞, 王栋, 刘姗姗, 廖圣恺, 刘畅, 王晶, 庞亚倩, 张凯(587)  
平均血小板体积/淋巴细胞比值对急性脑梗死严重程度的预测价值 .....  
方明昊, 钱伟东(591)  
IL-32 表达与食管鳞癌放疗后预后的关系 .....  
马志宇, 郭加友, 董振, 郭嘉漪, 程贝贝, 马建新(595)  
2 型糖尿病病人血清趋化素水平与腹型肥胖及大血管病变的关系 .....  
贾笑迪, 裴晓艳, 汪琼, 于磊, 庄兰良, 金国玺(598)  
应用磁共振相衬技术对 Chiari I 型畸形合并脊髓空洞症的脑脊液动力学研究 .....  
张鹏, 郑红绪, 张少军, 韩易(602)  
CYP2C19、ABCB1 和 PON1 基因多态性对 ACS 病人 PCI 术后氯吡格雷治疗的影响 .....  
后世翔, 方存明, 栾家杰, 王敏(606)  
副乳癌和常规胸部乳腺癌 HES1、HER2 表达差异及临床病理特征分析 .....  
宋天豹, 王建军, 孙小虎, 王保信, 陈绍华, 李国明, 吕建男(611)  
选择性头部亚低温对缺氧缺血性脑病新生儿血清细胞焦亡相关分子的影响 .....  
詹震, 林先红, 郑洪, 张诗海, 解启莲(615)  
术前肺超声评分与老年病人肺癌根治术后肺部并发症的相关性研究 .....  
汪东升, 李晓红, 姜玉玉, 于汝, 庄芹(619)  
安罗替尼治疗晚期非小细胞肺癌的疗效及安全性评价 .....  
陈丽娟, 叶永青, 李殿明(623)

- 经鼻加温湿化高流量氧疗与无创辅助通气治疗慢性阻塞性肺疾病的临床效果分析 ..... 徐娟,吴晓飞(627)  
血清 LP(a)、LDL-C、Hcy 和 Cys C 与急性脑梗死的相关性及诊断价值的研究 ..... 李欣灿,崔虎(630)  
空腹血糖水平与吉兰巴雷综合征短期预后的关系 ..... 郝佳妮,屈洪党,赵亨(635)  
脓毒性休克并发急性肾损伤的危险因素研究 ..... 陈城,崔静,纪小奇,姚莉(639)  
小剂量丙泊酚或氯胺酮对小儿扁桃体切除术麻醉苏醒后咳嗽的影响 ..... 张浩然,张运淳(642)  
食管超声引导下经胸微创封堵术治疗小儿室间隔缺损的临床疗效及预后分析 ..... 杜朝峻,丁力,李红昕,郭文斌,吴鹏鹏,马佳佳(645)

## 影像医学

- 颈动脉分叉非增强 CT 钙化体积与狭窄程度的相关性分析 ..... 刘杰(649)  
多模态影像组学预测肿块型乳腺癌术前淋巴结转移的价值 ..... 王祥芝,张书海,徐敏,汤晓敏,刘浩,谢宗玉(652)  
螺旋 CT 评估脾功能亢进部分脾动脉栓塞术后的动态演变价值 ..... 曹俊杰,羊茂荣(657)  
超微血管成像、超声弹性成像及细针穿刺活检对 TI-RADS 4 类甲状腺结节诊断的应用价值 .....  
张懿瑶,丁中,张峰(661)

## 公共卫生

- 蚌埠市城乡老年人营养状况及饮食行为调查分析 ..... 林玲,张子辰,张韵秋,孙清,柳雯,钱青文,刘华青(666)  
缺血性脑卒中病人日常生活活动能力的影响因素分析 ..... 刘婷,蔡奔,陈南星,贾贤杰,于影,高怀荃(669)

## 医学信息学

- 2010–2020 年社会经济地位对心理健康影响的知识图谱演化 ..... 张鑫,俞彤,夏仲(673)

## 医学教育

- 正念对农村订单定向免费医学生学业投入的影响:自尊的中介作用 .....  
杨秀木,申正付,朱玉,王辅之,蒋召彬,董萍萍,陈永侠,申国争(679)

## 护理学

- 播放家属鼓励视频对 ICU 气管插管病人焦虑状态及生命体征的影响 ..... 程人佳,张庆红,王飒,赵文静,马瑞珩(683)  
个性化感受式音乐疗法在先天性心脏病患儿术后镇痛中的应用 ..... 范洁,王晶晶(687)  
志愿者照护实践对低年资护士人文关怀能力的影响 ..... 杨惠(691)

## 综述

- HIF-1 $\alpha$  及其相关通路在缺氧缺血性脑病中的研究进展 ..... 李健维,谢宗玉(695)  
SASH1 基因在肿瘤研究中的进展 ..... 张思铭,陈汉,杨柳,刘梅(699)

本期执行编委 高怀荃 王震寰 陈昌杰 王振杰 李志军 胡建国

本期责任编辑 卢玉清

本期英文审校 刘浩 赵素容

[期刊基本参数] CN 34-1067/R \* 1976 \* m \* A4 \* 144 \* zh \* P \* ¥15.00 \* 1000 \* 35 \* 2021-05

# BENGBU YIXUEYUAN XUEBAO

## Journal of Bengbu Medical College

Monthly   Established in March 1976   Vol. 46, No. 5   Sum 305   May 15, 2021

### Responsible Institution

The Education Department  
of Anhui Province

### Sponsored

Bengbu Medical College

### Editing

Editorial Board of Journal of  
Bengbu Medical College

### Editor-in-Chief

GAO Huai-quan(高怀荃)

### Publishing

Editorial Department of Journal of  
Bengbu Medical College  
2600 Donghai Avenue,  
Bengbu, Anhui 233030, China  
Tel: 0086-552-3175456  
E-mail: byxb@vip.163.com  
<http://xuebao.bbmc.edu.cn>

### Printing

Hefei Yani Printing  
Co., Ltd.

### Domestic Distributor

Bengbu Post Office

### Overseas Distributor

China International Book  
Trading Corporation  
P. O. Box 399, Beijing, China  
Code No. BM6535

### Domestic Subscription

Local Post Offices  
Code No. 26-37

### Mail-Order

Editorial Board of Journal of  
Bengbu Medical College

### Price

Domestic: ¥15.00  
Overseas: \$10.00

### Ad License No.

3403011000016

### CODEN

BYIXEM

### ISSN

1000-2200  
CN 34-1067/R

Copyright © 2021 by Bengbu Medical  
College

### Contents in Brief

Effects of folate deficiency on proliferation, apoptosis and expression of spindle assembly checkpoint-related proteins in L02 cells .....	REN Huan-huan, YANG Yu, XU Hong-bao, WANG Zhong-mai, CHENG Zong, LIANG Meng, WANG Chun-jing, LIAO Ya-ping(561)
Effect of regulation of miR-143 by sunitinib on the proliferation and invasion of human renal carcinoma cells .....	GAO Ying-xin, YING Chong-tao, CUI Di, MEI Chuan-zhong(566)
Role of spinal colony-stimulating factor 1 in rats in morphine tolerance to analgesia .....	ZHAO Yu, WU Jun, AN Yang, CHANG Qing(570)
Study on the relationship between the clinical characteristics, GRACE risk stratification score, TIMI risk and prognosis in female patients with acute coronary syndrome .....	LI Miao-nan, BAO Bing-wei, YAO Zhuo-ya, QIAN Shao-huan, SHI Xiao-jun, MIN Sheng-ping, GAO Da-sheng, WANG Hong-ju(574)
Clinical efficacy of radiofrequency ablation in the treatment of atrial fibrillation and the predictive value of C reactive protein for long-term adverse events .....	ZHANG Wei, ZHANG Bing, QIAN Shao-huan, TANG Bi, ZHANG Xian-lin, WANG Yan-ran, KANG Pin-fang, ZHANG Heng(579)
Application value of laparoscopic hepatectomy in hepatocellular carcinoma .....	LIU Shuang-chi, TAN Yi, PANG Qing, JIN Hao, FAN Long-fei, DUAN Jia-kang(583)
Comparison of the long-term functional recovery of the donor site between the superficial inferior abdominal artery perforator flap and forearm flap .....	GUO Zhen-fei, WANG Dong, LIU Shan-shan, LIAO Sheng-kai, LIU Chang, WANG Jing, PANG Ya-qian, ZHANG Kai(587)
The predictive value of mean platelet volume-to-lymphocyte ratio in the severity of acute cerebral infarction .....	FANG Ming-hao, QIAN Wei-dong(591)
Relationship between IL-32 expression and prognosis of esophageal squamous cell carcinoma after radiotherapy .....	MA Zhi-yu, GUO Jia-you, DONG Zhen, GUO Jia-ji, CHENG Bei-bei, MA Jian-xin(595)
Relationship among serum chemerin level, abdominal obesity and diabetic macroangiopathy in patients with type 2 diabetes mellitus .....	JIA Xiao-di, PEI Xiao-yan, WANG Qiong, YU Lei, ZHUANG Lan-gen, JIN Guo-xi(598)
Study on the application value of the PC-MRI on the cerebrospinal fluid dynamics in Chiari malformation type I complicated with syringomyelia .....	ZHANG Peng, ZHENG Hong-xu, ZHANG Shao-jun, HAN Yi(602)
Effect of the CYP2C19, ABCB1 and PON1 gene polymorphisms on the clopidogrel in the treatment of ACS after PCI .....	HOU Shi-xiang, FANG Cun-ming, LUAN Jia-jie, WANG Min(606)

Differential expression of HES1 and HER2 and analysis of clinicopathological features between accessory breast cancer and routine mammary cancer	SONG Tian-bao, WANG Jian-jun, SUN Xiao-hu, WANG Bao-xin, CHEN Shao-hua, LI Guo-ming, LÜ Jian-nan(611)
Effect of selective head cooling on serum pyroptosis-related molecules in neonates with hypoxic-ischemic encephalopathy	ZHAN Zhen, LIN Xian-hong, ZHENG Hong, ZHANG Shi-hai, XIE Qi-lian(615)
Correlation between preoperative lung ultrasound score and postoperative pulmonary complications in elderly patients undergoing radical resection of lung cancer	WANG Dong-sheng, LI Xiao-hong, JIANG Yu-yu, YU Ru, ZHUANG Qin(619)
Evaluation of the efficacy and safety of amlotinib in the treatment of advanced non-small cell lung cancer	CHEN Li-juan, YE Yong-qing, LI Dian-ming(623)
Analysis of the clinical effects of heated humidified high-flow nasal cannula and non-invasive ventilation in the treatment of chronic obstructive pulmonary disease	XU Juan, WU Xiao-fei(627)
Study on the correlation of serum levels of LP(a), LDL-C, Hey and Cys C with acute cerebral infarction and their diagnostic value	LI Xin-can, CUI Hu(630)
Relationship between fasting plasma glucose level and short-term prognosis of Guillain-Barré syndrome	HAO Jia-ni, QU Hong-dang, ZHAO Heng(635)
Study on the risk factors of septic shock complicated with acute Kidney injury	CHEN Cheng, CUI Jing, JI Xiao-qi, YAO Li(639)
Effect of the low-dose propofol or ketamine on coughing in children treated with tonsillectomy after recovery from anesthesia	ZHANG Hao-ran, ZHANG Yun-chun(642)
Study on the clinical effects and prognosis of minimally invasive transthoracic occlusion guided by esophageal ultrasound in the treatment of ventricular septal defect in children	DU Chao-jun, DING Li, LI Hong-xin, GUO Wen-bin, WU Peng-peng, MA Jia-jia(645)
Correlation analysis of calcification volume on non-enhanced CT and stenosis degree in carotid bifurcation	LIU Jie(649)
Value of multi-modality radiomics in predicting the preoperative lymph node metastasis of mass type breast cancer	WANG Xiang-zhi, ZHANG Shu-hai, XU Min, TANG Xiao-min, LIU Hao, XIE Zong-yu(652)
Value of spiral CT in evaluating the dynamic evolution of hypersplenism after partial splenic embolization	CAO Jun-jie, YANG Mao-rong(657)
Application value of superb microvascular imaging, ultrasound elastography and fine needle aspiration biopsy in the diagnosis of TI-RADS 4 thyroid nodules	ZHANG Yi-yao, DING Zhong, ZHANG Feng(661)
Investigation on the nutritional status and dietary behavior among urban and rural elderly in Bengbu	LIN Ling, ZHANG Zi-chen, ZHANG Yun-qiu, SUN Qing, LIU Wen, QIAN Qing-wen, LIU Hua-qing(666)
Analysis of the influencing factors of activity of daily living in patients with ischemic stroke	LIU Ting, CAI Ben, CHEN Nan-xing, JIA Xian-jie, YU Ying, GAO Huai-quan(669)
Knowledge atlas evolution of the influencing of socioeconomic status on mental health from 2010 to 2020	ZHANG Xin, YU Tong, XIA Zhong(673)
Effect of the mindfulness on the academic engagement of rural order-oriented free medical students; the mediating role of self-esteem	YANG Xiu-mu, SHEN Zheng-fu, ZHU Yu, WANG Fu-zhi, JIANG Zhao-bin, DONG Ping-ping, CHEN Yong-xia, SHEN Guo-zheng(679)
Effect of family encouragement video on the anxiety and vital signs of ICU patients with endotracheal intubation	CHENG Ren-jia, ZHANG Qing-hong, WANG Sa, ZHAO Wen-jing, MA Rui-heng(683)
Application of personalized sensory music therapy in postoperative analgesia in children with congenital heart disease	FAN Jie, WANG Jing-jing(687)
Effect of volunteer care practice on humanistic care ability of junior nurses	YANG Hui(691)

<b>Executive Editorial Board Members</b>	GAO Huai-quan, WANG Zhen-huan, CHEN Chang-jie, WANG Zhen-jie, LI Zhi-jun, HU Jian-guo
<b>Executive Editor</b>	LU YU-qing
<b>English Editor</b>	LIU Hao, ZHAO Su-rong