



ISSN 1005-8982

CN 43-1225/R

# 中国现代医学杂志

ZHONGGUO XIANDAI YIXUE ZAZHI  
CHINA JOURNAL OF MODERN MEDICINE

第28卷 第4期 2018年2月  
Volume 28 Number 4 February 2018



ISSN 1005-8982



9 771005 898183

04>

北大中文核心期刊  
中国科技论文统计源期刊

本刊网址: [www.zgxdyx.com](http://www.zgxdyx.com)

万方数据

中国现代医学杂志

第二十八卷

第四期

二〇一八年二月

# 中国现代医学杂志

ZHONGGUO XIANDAI YIXUE ZAZHI

旬刊 1991年创刊 第28卷 第4期 2018年2月10日出版

主管单位 中华人民共和国教育部  
主办单位 中南大学  
中南大学湘雅医院  
编辑 《中国现代医学杂志》编辑委员会  
编委会名誉主任 王陇德  
主编 陈子华  
出版 湖南省湘雅医学期刊社有限公司  
湖南省长沙市湘雅路87号  
邮编: 410008  
电话: (0731) 84327993  
传真: (0731) 84327987  
E-mail: journal@zgxdyx.com  
官网: http://www.zgxdyx.com  
印刷 湖南省新创印务有限公司  
(0731) 82244272  
发行 湖南省报刊发行局  
(0731) 85988254  
订购 全国各地邮局  
邮发代号 42-143  
邮购 《中国现代医学杂志》编辑部  
410008  
长沙市湘雅路87号  
电话: (0731) 84327993  
传真: (0731) 84327987  
国内定价 每期25.00元, 全年900.00元  
中国标准连续出版物号

ISSN 1005-8982

CN 43-1225/R

## 目次

### 基础研究·论著

- TAK-242 对  $A\beta_{25-35}$  诱导大鼠海马神经元损伤的作用及其机制研究…… 葛宇松, 马成永, 徐晏雯, 等 1
- 苦碟子注射液对大鼠肾脏缺血再灌注损伤的影响…… 杨洁, 董建, 李运, 等 6
- 后膜骨架蛋白 1a 在小鼠脑缺血再灌注损伤中的作用…… 杨小利, 殷亚楠, 胡文森, 等 11
- 微针对 5-氨基酮戊酸经皮渗透的作用研究…… 梁齐飞, 云健健, 杨凤元, 等 17
- 普洱茶水浸液抑制牙釉质脱矿作用初探…… 王丽梅, 梁迎东, 杨晓珍, 等 22

### 临床研究·论著

- 精液凝固蛋白 I 活性片段的精子抑制活性分析…… 韩飞, 孙凯, 赵晖 26
- 慢性炎症性声带疾病核转录因子 kappa B 信号通路的表达变化…… 曾新宇, 曲亚明, 利显民, 等 30
- MicroRNA-31 在上皮性卵巢癌中的表达及其与预后的关系…… 徐志宏, 吴小华, 姚铁柱, 等 35
- MicroRNA-21、microRNA-137 和 microRNA-498 在肺腺癌患者血清中表达情况及其临床意义…… 唐曦, 胡娅, 徐炎华, 等 39
- 海分枝杆菌和溃疡分枝杆菌二重 PCR 检测方法的建立及应用…… 武迪, 陈世玖, 王成, 等 45
- 年龄对腺苷脱氨酶和  $\gamma$ -干扰素释放实验诊断结核性胸膜炎敏感性的影响…… 杨晓乐, 王静, 张国瑞, 等 51
- MicroRNA-204 在非小细胞肺癌患者组织中的表达及对癌细胞增殖和凋亡的影响…… 许有忠, 田作春, 李才 57

### 新进展研究·论著

- 持续泵注盐酸右美托咪定对腹腔镜下结、直肠癌根治术患者围手术期动态肺顺应性和外周血中 Toll 样受体 2 和 4 表达的影响…… 杨悦, 马铃, 代玉婷, 等 62

某综合医院住院患者精神障碍患病率、识别率及危险因素调查分析·····	孙渊博, 祝扬, 李丁, 等	68
iRoot SP 与 MTA 修复成人根尖孔未闭合患牙的疗效比较·····	杨晓鹏, 杜航, 曹丽婷, 等	76
阿格列汀联合高压氧舱内运动意念对糖尿病无症状脑梗死功能损害的疗效观察·····	陈丹燕, 黄晓龙, 卢松, 等	80
血清 1, 25-(OH) <sub>2</sub> D <sub>3</sub> 和 MMP-9 对哮喘患儿病情发生发展的影响·····	杨云, 焦德清, 周利	86
不同剂量布托啡诺经鼻给药超前镇痛对老年患者苏醒期术后寒战发病率的影响·····	杨林, 孙德峰, 何颖, 等	91
干扰素联合抗病毒药物的治疗疗程对丙肝复发患者的影响·····	谢建伟, 王蔚蔚, 李继荣	97
斑点追踪技术评价 OSAHS 合并 COPD 患者右心功能·····	邱婷, 冯艳红, 郭英男, 等	101
5 种质子泵抑制剂联合健胃愈疡胶囊治疗消化性溃疡的成本-效果分析·····	刘晓政	105
高压氧对急性缺血性脑卒中患者脑源性神经营养因子的影响·····	陶晶, 孙涛, 毕鹏翔, 等	111
多 b 值弥散加权成像在脑转移瘤诊断中的应用价值·····	周建国, 孟云, 符大勇	116

## 临床报道

智能监控腔内压力的输尿管硬镜吸引取石术治疗复杂输尿管结石·····	邓小林, 宋乐明, 钟久庆, 等	120
肺功能检查预测系统性硬化症相关肺动脉高压的初步研究·····	张磊, 徐建, 高照猛, 等	124

欢迎订阅《中国现代医学杂志》····· 34

《中国现代医学杂志》投稿须知····· 115

期刊基本参数: CN43-1225/R \* 1991 \* t \* A4 \* 128 \* zh+en \* P \* ¥ 25.0 \* 1500 \* 25 \* 2018-02

中文责任编辑: 张蕾

中国知网优先数字出版网址: <http://www.cnki.net>

本刊网址: [www.zgxdyx.com](http://www.zgxdyx.com)

# CHINA JOURNAL OF MODERN MEDICINE

Ten-day periodical Volume 28, Number 4, Feb. 10, 2018

## Responsible institution

Ministry of Education, China

## Sponsors

Central South University

Xiangya Hospital of Central South

University

## Editing

Editorial Board of China Journal of

Modern Medicine

## Honorary editor-in-chief

Long-de Wang

## Editor-in-chief

Zi-hua Chen

## Publishing

Hunan Xiangya Medical Periodical

Press Co. Ltd.

87 Xiangya Road, Changsha, Hunan

410008, China

Telephone: ( 86-731 ) 84327993

Fax: ( 86-731 ) 84327987

E-mail: journal@zgxpyx.com

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

## Printing

Hunan Xin Chuang Printing Co. Ltd.

( 86-731 ) 82244272

## Domestic distribution

Hunan Press Bureau

( 86-731 ) 85988254

## Subscription

All Domestic Local Post Offices

Postal Distribution Code 42-143

## Mail-order

Editorial Board of China Journal of

Modern Medicine

87 Xiangya Road, Changsha, Hunan

410008, China

Telephone: ( 86-731 ) 84327993

Fax: ( 86-731 ) 84327987

## Subscription price

25.0 Yuan/Issue, 900 Yuan/Year

## CSSN

ISSN 1005-8982

CN 43-1225/R

## Table of Contents

### · Original articles ·

- Effect of TAK-242 on  $\beta$ -amyloid peptide-induced neurotoxicity in hippocampi of rats and its mechanism..... Yu-song Ge, Cheng-yong Ma, Yan-wen Xu, *et al* 1
- Effect of Kudiezi injection on renal ischemia-reperfusion injury in rats..... Jie Yang, Jian Dong, Yun Li, *et al* 6
- Study on effect of Homer 1a on cerebral ischemia-reperfusion injury in mice..... Xiao-li Yang, Ya-nan Yin, Wen-miao Hu, *et al* 11
- Effect of microneedle on transdermal permeation of 5-aminolevulinic acid..... Qi-fei Liang, Jian-jian Yun, Feng-yuan Yang, *et al* 17
- Preliminary study of Pu'er tea on inhibition of enamel demineralization..... Li-mei Wang, Ying-dong Liang, Xiao-zhen Yang, *et al* 22

### · Clinical theses ·

- Analysis of sperm inhibitory activity of semenogelin I active fragment..... Fei Han, Kai Sun, Hui Zhao 26
- Expression changes of NF- $\kappa$ B signal pathway in patients with chronic inflammatory vocal diseases..... Xin-yu Zeng, Ya-ming Qu, Xian-min Li, *et al* 30
- Relationship between miR-31 expression and prognosis of patients with epithelial ovarian cancer..... Zhi-hong Xu, Xiao-hua Wu, Tie-zhu Yao, *et al* 35
- miR-498, miR-21 and miR-137 as potential serum markers in diagnosis of lung adenocarcinoma..... Xi Tang, Ya Hu, Yan-hua Xu, *et al* 39
- Establishment and application of a duplex PCR method for detection of *Mycobacterium marinum* and *Mycobacterium ulcerans*..... Di Wu, Shi-jiu Chen, Cheng Wang, *et al* 45
- Comparison of sensitivity of ADA and T-SPOT.TB for patients with tuberculous pleural effusion in different age groups..... Xiao-le Yang, Jing Wang, Guo-rui Zhang, *et al* 51

miRNA-204 expression in non-small cell lung cancer tissue and its effect on cancer cell proliferation and apoptosis .....	You-zhong Xu, Zuo-chun Tian, Cai Li	57
--	-------------------------------------	----

· **New development and researches** ·

Effect of Dexmedetomidine on dynamic lung compliance and serum levels of TLR2 and TLR4 in patients receiving laparoscopic radical resection of colorectal cancer.....	Yue Yang, Ling Ma, Yu-ting Dai, <i>et al</i>	62
A cross-sectional study of mental disorders among inpatients in a general hospital.....	Yuan-bo Sun, Yang Zhu, Ding Li, <i>et al</i>	68
Comparison of efficacy of iRoot SP and MTA in repair of adult teeth with unclosed apical foramen.....	Xiao-peng Yang, Hang Du, Li-ting Cao, <i>et al</i>	76
Efficacy of Alogliptin combined with motor imagery under hyperbaric oxygen on function impairment in diabetic patients with silent cerebral infarction.....	Dan-yan Chen, Xiao-long Huang, Song Lu, <i>et al</i>	80
Effect of serum 1, 25-(OH) <sub>2</sub> D <sub>3</sub> and MMP-9 on development of asthma in children.....	Yun Yang, De-qing Jiao, Li Zhou	86
Effect of different dosages of Butorphanol preemptive analgesia by nasal administration on incidence of postoperative shivering during recovery period in senile patients.....	Lin Yang, De-feng Sun, Ying He, <i>et al</i>	91
Effect of interferon combined with antiviral therapy on recurrence of hepatitis C.....	Jian-wei Xie, Yu-yu Wang, Ji-rong Li	97
Evaluation of right ventricular function in patients with OSAHS complicated with COPD by speckle tracking imaging.....	Ting Qiu, Yan-hong Feng, Ying-nan Guo, <i>et al</i>	101
Cost-effectiveness analysis of five proton pump inhibitors with Jianweiyuyang capsules for peptic ulcer.....	Xiao-zheng Liu	105
Effect of hyperbaric oxygen on BDNF in patients with acute ischemic stroke.....	Jing Tao, Tao Sun, Peng-xiang Bi, <i>et al</i>	111
Value of MR multiple b-value diffusion-weighted imaging in diagnosis of metastatic tumors of brain.....	Jian-guo Zhou, Yun Meng, Da-yong Fu	116

· **Clinical reports** ·

Management of complicated ureteral calculi using rigid ureteroscopic lithotripsy with automatically-controlled cavity pressure.....	Xiao-lin Deng, Le-ming Song, Jiu-qing Zhong, <i>et al</i>	120
Prediction of systemic sclerosis-associated pulmonary hypertension by pulmonary function examination.....	Lei Zhang, Jian Xu, Zhao-meng Gao, <i>et al</i>	124

**Announcement about subscription of China Journal of Modern Medicine**..... 34

**Instructions for submitting papers to China Journal of Modern Medicine**..... 115

**Essential parameter of journal:** CN43-1225/R \* 1991 \* A4 \* 128 \* zh+en \*P\* ¥25.0 \* 1500 \* 25 \* 2018-02

**Chinese responsible editor:** Lei Zhang