

# 湖南师范大学学报(医学版)

2004 年创刊

双月刊

中国科技核心期刊

2022年第19卷第3期(总第86期)

中国科技论文统计源期刊

## 目 次

### ◎基础医学◎

- lncRNA H19 shRNA通过抑制Akt信号改善小鼠急性结肠炎 ..... 刘伟栋, 刘筱薇, 高磊, 等 1

### ◎临床医学◎

- 阻塞性睡眠呼吸暂停低通气综合征患者日间嗜睡的特点 ..... 李亚男, 关键, 刘辉玉, 等 6  
心衰合并糖尿病患者血钾水平与心血管事件风险的相关性 ..... 张兰宁, 崔凡, 刘福荣, 等 10  
沙丁胺醇气雾剂联合羧甲司坦片治疗AECOPD患者的临床效果 ..... 汪娟, 耿攀 13  
影响终末期肾病老年患者血液透析内瘘功能不良的危险因素及应对策略分析 ..... 李晓勤, 陈天浩, 李琳 16  
尿毒症患者应用血液灌流联合碳酸镧治疗对皮肤瘙痒疗效及钙磷代谢的影响 ..... 姚佩, 施叶萍, 李婷婷, 等 19  
早期显微手术夹闭及血管内介入对颅内动脉瘤破裂出血患者炎症反应、神经功能及血清HIF-1 $\alpha$ 、MMP-9的影响 ..... 陈常怡, 肖庆, 张昌伟 23  
稳定期COPD患者体内维生素A缺乏与CYP3A5基因多态性相关性研究 ..... 朱江 26  
急性呼吸窘迫综合征患者血清CC-16表达与肺顺应性及预后的相关性研究 ..... 周城伟, 郭沫然, 薛瑛辉, 等 30  
HBV相关小肝细胞癌患者射频消融、肝切除术后病毒再激活情况分析 ..... 孟云, 张军辉, 汪洋, 等 34  
非甾体抗炎滴眼液在白内障超声乳化术后角膜水肿的应用 ..... 李婷, 胡郑君, 胡红梅, 等 37  
舌下免疫治疗老年变应性鼻炎的临床疗效及对患者免疫功能、炎性因子的影响 ..... 李玲, 严寒程庆 41  
铒激光和钕激光联合治疗慢性牙周炎的临床效果评价 ..... 黄道庆, 黄海花, 曾长余, 等 44  
益生菌补充对帕金森病患者运动、代谢参数和肠道微生物的影响 ..... 方依卡, 胡旭林, 陈日坚 47  
达格列净治疗对2型糖尿病主要心血管不良事件风险因素的影响 ..... 陈磊, 陆锐, 刘肆仁 50  
心神安胶囊治疗慢性疲劳综合征的效果观察及对外周血NK细胞活性、T淋巴细胞亚群的影响 ..... 周翠兰, 孙翠梅, 王莹, 等 53  
IgA肾病患者尿蛋白定量水平与临床病理特征的相关性分析 ..... 吴玲燕, 朱琼, 王旭, 等 57  
宫腔粘连患者经阴道彩色多普勒超声血流参数变化及其诊断价值分析 ..... 张雪, 刘翠翠 60  
信迪利单抗联合白蛋白结合型紫杉醇治疗晚期食管癌的临床观察 ..... 袁园, 戴美云, 徐浩 63  
基于LEARNS模式的健康教育对急性心肌梗死PCI术后患者疾病感知及自我管理能力的影响 ..... 仲玉芳, 甄洁, 成红云, 等 67  
悬吊运动训练联合黄芪桂枝五物汤对急性脑梗死后偏瘫患者肌张力和神经功能的影响 ..... 马秋云, 何晓华, 王正田, 等 71  
经鼻同步间歇指令通气疗法对NRDS患儿动脉血气分析指标、并发症及撤机成功率的影响 ..... 赵锦英, 蒋晓梅, 梁秋荣 74  
超声在婴幼儿胃食管反流相关性疾病中的诊断价值及效能研究 ..... 吕兴锟, 杨云飞, 侯跃会, 等 78  
玻璃纤维桩树脂核用于修复上颌前牙区缺损临床效果观察 ..... 李亚萍, 谢春 82  
急性加重期慢性阻塞性肺疾病患者T淋巴细胞及FGF7、SFRP5、sRAGE水平观察 ..... 李庆芬, 薛峰 85  
瑞舒伐他汀对老年轻度认知功能障碍的影响以及与APOE基因多态性的关系 ..... 郁露, 唐魁, 桑道乾 89

不同浓度轻比重罗哌卡因联合舒芬太尼硬腰麻对剖宫产手术患者应激和炎症水平的影响	徐鑫怡, 叶光磊, 王超, 等	93
老年肺癌患者血清和支气管灌洗液中HMGB-1、SCC、NSE水平变化及意义	王智娜, 马洪明, 高鸿, 等	96
老年重症胰腺炎患者继发腹腔感染的危险因素分析及预测模型建立	何健强, 张向阳, 陈旭岩	100
AECOPD合并肺动脉高压患者动脉血气分析指标、BNP及PCT、D-D变化	李淑芬, 李乐雯, 官碧琪, 等	105
肛肠疾病肛周菌群调查及不同手术方式术后切口病原菌的分布情况	林昌荣, 黎霞, 潘颐聪, 等	108
ABCD3-I评分联合TCD预测TIA患者短期进展为脑梗死的价值研究	刘海燕	113
盐酸普拉克索配合高压氧舱治疗对帕金森睡眠障碍患者 $\gamma$ -GABA、Glu的影响	郑海华, 贝宁, 唐秋凤, 等	116
QuantiFERON-TB Gold Plus与QuantiFERON-TB Gold在结核患者感染诊断中的应用比较	余艳艳, 谭云洪, 庞菁, 等	120
新生儿肺炎心肌酶谱及血小板功能变化与病情的相关性研究	邵丽君, 黄蔓玲, 李明	123
超声评价围产期妇女腹壁肌群动态变化的临床价值及影像学特点分析	刘洪, 王大莲, 李嘉舟, 等	126
微创经皮钢板接骨术辅助LCP内固定治疗胫骨远端骨折对患者膝关节活动度及HSS评分的影响	李达周, 杨贞海	130
血清Periostin蛋白、肝细胞生长因子及N-proBNP对慢性心衰患者心血管事件的预测价值	崔玉梅, 董蕾	134
碘125粒子植入联合化疗治疗纵隔转移非小细胞肺癌的疗效	曾晓, 谢志斌, 刘钧, 等	137
COPD患者血清sST2、内脂素和MMP-9水平变化及意义	李卓, 雷明盛	141
外周血Sfrp-5在妊娠期糖尿病患者中的表达及意义分析	吴陈华, 叶思萍, 吴勤娟	145
TX、GX、NX方案治疗晚期三阴性乳腺癌的疗效观察及对患者远期预后的影响	汪超, 汪志求, 江启安	149
腹腔镜肝癌射频消融联合TACE治疗中晚期原发性肝癌的临床效果及对患者肝功能的影响	鲁岩, 魏建, 刘垚, 等	152
盐酸氨溴索联合支气管镜用于小儿肺结核的临床价值研究	尹美祥, 张碧清, 陈淑华	155
不同程度老年阿尔茨海默病患者血清S100 $\beta$ 、ABAb、脂联素水平检测及其与认知功能的相关性	郑春妹, 周经霞, 郑春娇, 等	159
黏膜下肌瘤宫腔镜电切术前腹腔镜结扎的应用效果研究	张园, 张敏	163
关节镜病灶清理术对老年膝关节退行性骨关节炎患者关节功能、疼痛程度的影响	魏为, 邹勇	166
血清CRP、PA、NLCR及FIB对老年肺部感染的预测价值	洪平, 韩锋, 符贻峰, 等	170
维生素D联合rhINF- $\alpha$ 2b雾化吸入治疗小儿毛细支气管炎的疗效观察	姜立军, 杨莉, 宋丹丹	173

## ◎预防医学◎

不同方式灭活对新冠病毒qPCR检测结果影响的Meta分析	扶春艳, 曾璇, 范笑笑, 等	177
基于视联网+微信平台对社区2型糖尿病患者健康管理效果	舒远招, 刘翠中, 伍媛, 等	181
某三甲医院老年专科病房住院患者体力活动现状及影响因素分析	张炜, 胡洁琼, 张晓颖, 等	185
326例糖尿病患病职工血糖达标现状及影响因素分析	唐景华, 李梅, 李素芬, 等	189
二孩政策开放后二次剖宫产分娩意愿及二次分娩与一次分娩的剖产率调查研究	宋春, 牛春, 武梅, 等	193
基于综合生物信息学对睾丸生殖细胞肿瘤预后相关枢纽基因的筛选及验证	唐乐婷, 曹卜子, 于浩	196
基于TRPC相关基因构建膀胱癌预测模型	周江栋, 藏婧蕾, 黎汝琦, 等	201

## ◎护理学◎

湖南省精神科护士医学叙事能力现状及影响因素分析	龚沙, 李梅枝, 蒋小剑, 等	206
精神分裂症照顾者社会支持与患者复发的关联性研究	刘志英, 罗尧岳, 蒋小剑, 等	211
基于微信主导的健康教育对支气管哮喘患儿家长疾病认知及照护行为的影响	邵惠明, 甘红霞, 魏桃	215
以微视频健康教育为主要内容的品管圈管理模式在颈椎间盘突出患者中的应用研究	杨海荣, 马千里	219

# JOURNAL OF HUNAN NORMAL UNIVERSITY (Medical Sciences)

Started in 2004

Bimonthly

Volume 19 Number 3 June 25, 2022

## CONTENTS

### Basic Medicine

- lncRNA H19 shRNA improves acute colitis in mice by inhibiting Akt signal ..... Liu Wei-dong, Gao Lei, Li Yang, et al 1

### Clinical Medicine

Characteristics of daytime sleepiness in patients with obstructive sleep apnea hypopnea syndrome .....	LI Ya-nan, Guan Jian, Liu Yu-hui, et al	6
Correlation between serum potassium level and risk of cardiovascular events in patients with heart failure and diabetes mellitus .....	Zhang Lan-ning, Cui Fan, Liu Fu-rong, et al	10
Clinical effect of salbutamol aerosol combined with carbocisteine tablets in the treatment of patients with AECOPD .....	Wang Juan, Jin Pan	13
Risk factors and countermeasures of internal fistula dysfunction in elderly patients with end-stage renal disease undergoing hemodialysis .....	Li Xiao-qin, Chen Tian-hao, Li Lin	17
Effects of hemoperfusion combined with lanthanum carbonate on skin pruritus and calcium and phosphorus metabolism in patients with uremia .....	Yao Pei, Shi Ye-ping, Li Ting-ting, et al	20
Effect of early microsurgery clipping and endovascular intervention on inflammatory response, neurological function and serum HIF-1 and MMP-9 in patients with intracranial aneurysm rupture and bleeding .....	Chen Chang-yi, Xiao Qing, Zhang Chang-wei	23
Association between vitamin A deficiency and CYP3A5 gene polymorphism in patients with stable COPD .....	Zhu Jiang	26
Correlation of serum CC-16 expression with lung compliance and prognosis in patients with acute respiratory distress syndrome .....	Zhou Cheng-wei, Gao Mo-ran, Xue Ying-hui, et al	30
Analysis of virus reactivation after radiofrequency ablation and hepatectomy in patients with HBV-related small hepatocellular carcinoma .....	Meng Yun, Zhang Jun-hui, Wang Yang, et al	34
Application of non-steroidal anti-inflammatory eye drops in corneal edema after phacoemulsification .....	Li Ting, Hu Zheng-jun, Hu Hong-mei, et al	37
Clinical efficacy of sublingual immunotherapy for elderly patients with allergic rhinitis and its influence on immune function and inflammatory factors .....	Li Ling, Yan han, Cheng Qing	41
Clinical evaluation of Er: YAG and Nd: YAG laser in the treatment of chronic periodontitis	Huang Dao-qing, Huang Hai-hua, Zeng Chang-yu, et al	44
Effects of probiotics supplementation on exercise, metabolic parameters and intestinal microflora in patients with Parkinson's disease .....	Fang Yi-ka, Hu Xu-lin, Chen Ri-jian	47
Effect of dagaglizin treatment on risk factors for major cardiovascular adverse events in type 2 diabetes mellitus .....	Chen Lei, Lu Rui, Liu Si-ren	50
Curative effect of Xinshen' an Capsule on chronic fatigue syndrome and its influences on peripheral blood NK cells activity and T lymphocyte subsets .....	Zhou Cui-lan, Sun Cui-me, Wang Ying, et al	53
Correlation between urine protein quantitation and clinicopathological characteristics in patients with IgA nephropathy .....	Wu Ling-yan, Zhu Qiong, Wang Xu, et al	57
Changes of transvaginal color Doppler ultrasound blood flow parameters in patients with intrauterine adhesions and their diagnostic value .....	Zhang Xue, Liu Cui-cui	61
Clinical observation of Sintilimab combined with albumin-bound paclitaxel in the treatment of patients with advanced esophageal cancer .....	Yuan Yuan, Dai Mei-yun, Xu Hao	64
Effects of nursing intervention with health education based on LEARNS model on disease perception and self-management ability of patients with acute myocardial infarction after PCI .....	Zhong Yu-fang, Zhen Jie, Cheng Hong-yun, et al	67
Effects of suspension exercise training combined with Huangqi Guizhi Wu Wu Decoction on muscle tension and nerve function in patients with hemiplegia after acute cerebral infarction .....	Ma Qiu-yun, Wang Zheng-tian, Meng Hai-chao, et al	71
Effects of transnasal synchronous intermittent mandatory ventilation on arterial blood gas analysis indexes, complications and weaning success rate in children with NRDS .....	Zhao Jin-ying, Jiang Xiao-mei, Liang Qiu-rong	74
Diagnostic value and efficacy of ultrasonography in infants with gastroesophageal reflux-related diseases .....	Lv Xing-kun, Yang Yun-fei, Hou Yue-hui, et al	78
Clinical Observation of Glass Fiber Post Resin Core used to Repair Maxillary Anterior Teeth Defect .....	Li Ya-ping, Xie Chun	82
Observation on the levels of T lymphocytes, FGF7, Sfrp5 and sRAGE in patients with acute exacerbation of chronic obstructive pulmonary disease .....	Li Qing-fen, Xue Feng	86
Effect of rosuvastatin on mild cognitive impairment in the elderly and its relationship with APOE gene polymorphism .....	Yu Lu , Tang Kui, Sang Dao-qian	89
Effects of different concentrations of light specific gravity ropivacaine combined with sufentanil on stress and inflammation in patients undergoing cesarean section .....	Xu Xin-yi, Ye Guang-lei, Wang Chao, et al	93

Changes and significance of HMGB-1, SCC and NSE levels in serum and bronchial lavage fluid in elderly patients with lung cancer .....	Wang Zhi-na, Ma Hong-ming, Gao Hong, et al	97
Risk factors of secondary abdominal infection and construction of prediction model in elderly patients with severe acute pancreatitis .....	He Jian-qiang, Zhang Xiang-yang, Chen Xu-yan	101
Changes in analysis indexes of arterial blood gas, BNP, PCT and D-D clinical significance in patients with AECOPD and pulmonary hypertension .....	Li Shu-fen, Li Yue-wen, Guan Bi-qi, et al	105
Investigation of perianal flora in anorectal diseases and distribution of pathogenic bacteria in incisions after different surgical methods .....	Lin Chang-rong, Li Xia, Pan Yi-cong, et al	108
The value of ABCD3-I score combined with TCD in predicting short-term progression to cerebral infarction in patients with TIA .....	Liu Hai-yan	113
The effect of Pramipexole Dihydrochloride Tablets combined with hyperbaric oxygen therapy on $\gamma$ -GABA, Glu in Parkinson patients with sleep disorders.....	Zheng Hai-hua, Be Nin, Tang Qiu-feng, et al	117
Comparison of QuantiFERON-TB Gold Plus and QuantiFERON-TB Gold in the detection of tuberculosis .....	Yu Yan-yan, Tan Yun-hong, Pang Jing, et al	120
Correlation between the changes of myocardial enzymes and platelet function and the condition of neonates with pneumonia .....	Shao Li-jun, Huang Man-ling, Li Ming	123
Ultrasound evaluation of clinical value and imaging characteristics of dynamic changes of abdominal wall muscles in perinatal women .....	Liu Hong, Wang Da-lian, Li Jia-zhou, et al	126
Effect of minimally invasive percutaneous plate osteosynthesis combined with LCP internal fixation for treating distal tibial fractures on knee range of motion and HSS score.....	Li Da-zhou, Yang Zhen-hai	131
Predictive value of serum Periostin protein, hepatocyte growth factor and N-proBNP for cardiovascular events in patients with chronic heart failure .....	Cui Yu-mei, Dong Lei	134
Efficacy analysis of iodine 125 seed implantation combinedwith chemotherapy in the treatment of mediastinal metastatic non-small cell lung cancer .....	Zeng xiao, Xie Zhi-bin, liujun, et al	137
Changes and clinical significance of serum soluble matrix lysin-2, visfatin and matrix metalloproteinase-9 levels in patients with chronic obstructive pulmonary disease .....	Li Zhuo, Lei Ming-sheng	141
Analysis of expression and significance of peripheral blood Sfrp-5 in patients with gestational diabetes mellitus .....	Wu Cheng-hua, Ye Si-ping, Wu Qin-juan	145
The efficacy of TX, GX and NX regimens in the treatment of advanced triple-negative breast cancer and its influence on the long-term prognosis of patients .....	Wang Chao, Wang Zhi-qiu, Jiang Qi-an	149
Clinical effect of laparoscopic radiofrequency ablation of liver cancer combined with TACE in the treatment of middle-advanced primary liver cancer and its effect on liver function of patients .....	Lu Yan, Wei Jian, Liu Yao, et al	152
Value of ambroxol hydrochloride combined with bronchoscopy in children with pulmonary tuberculosis .....	Yin Mei-xiang, Zhang Bi-qing, Chen Shu-hua	156
The detection of levels of serum S100 $\beta$ , ABAb and adiponectin in elderly patients with different degrees of Alzheimer's disease and their correlation with cognitive function .....	Zheng Chun-mei, Zhou Jing-xia, Zheng Chun-jiao, et al	159
Study on the effect of laparoscopic ligation before hysteroscopic resection of submucous myoma .....	Zhang Yuan, Zhang Min	163
Effects of arthroscopic debridement on joint function and pain degree of elderly patients with knee degenerative osteoarthritis .....	Wei Wei, Zou Yong	166
The predictive value of serum CRP, PA, NLCR and FIB for pulmonary infection in the elderly .....	Hong Ping, Han Feng, Fu Yifeng, et al	170
Observation on efficacy of vitamin D combined with rhINF- $\alpha$ 2b aerosol inhalation in the treatment of bronchiolitis in children .....	Jiang Li-jun, Yang Li, Song Dan-dan	174

## Preventive Medicine

Meta-analysis of effects of different inactivation methods on Novel Coronavirus nucleic acid test results .....	Fu Chun-yan, Zeng Xuan, Fan Xiao-xiao, et al	177
Effect of health management of community patients with type 2 diabetes mellitus based on Internet of vision + wechat platform .....	Shu Yuanzhao, Liu Cuizhong, Wu Yuan, et al	181
Current status and influencing factors of physical activities among inpatients in geriatric wards of certain tertiary hospital .....	Zhang Wei, Hu Jie-qiong, Zhang Xiao-ying, et al	186
Analysis on the status quo and influencing factors of blood glucose reaching the standard in 326 workers with diabetes .....	Tang Jing-hua, Li Mei, Li Su-fen, et al	190
Study on the willingness of second cesarean section and the cesarean section rate of second and first delivery after the opening of the second child policy .....	Song Chun, Niu Chun, Wu Mei, et al	193
Identification and validation of the potential hub genes in testicular germ cell tumors based on integrated bioinformatics .....	Tang Le-ting, Cao Bu-zi, Yu Hao	196
Construction of bladder cancer prediction model based on TRPC-related genes .....	Zhou Hui-dong, Zang Jing-lei, Li Rv-qi, et al	201

## Nursing Science

A study on the current situation and influencing factors of medical narrative Competence of psychiatric nurses in Hunan Province .....	Gong Sha, Li Mei-zhi, Jiang Xiao-jian, et al	206
Study on the relationship between social support and recurrence of schizophrenic caregivers .....	Liu Zhi-ying , Luo Yao-yue , Jiang Xiao-jian, et al	211
Effects of health education based on Wechat on disease cognition and care behavior of parents of children with asthma .....	Shao Hui-ming, Gan Hong-xia, Wei Tao	215
Application of quality control circle management mode with micro-video health education as the main content in patients with cervical intervertebral disc herniation .....	Yang Hai-rong, Ma Qian-li	219