

JOURNAL OF MEDICAL INFORMATION

ISSN 1006-1959

CN 61-1278/R



# 医学信息

YIXUE XINXI

中外文核心期刊查询系统收录期刊  
 CNKI 中国学术期刊网络出版总库收录期刊  
 中国核心期刊（遴选）数据库收录期刊  
 中国学术期刊综合评价数据库统计源期刊  
 中国期刊全文数据库全文收录期刊  
 万方数据数字化期刊群收录期刊  
 RCCSE 中文学术期刊  
 中文科技期刊数据库全文收录期刊  
 中文生物医学期刊文献数据库—CMCC 收录期刊

03 月  
05 期

2021年 第34卷(半月刊)



陕西文博生物信息工程研究所 主管主办



官方微信公众号

医学信息

二〇二一年

三月

第三十四卷

第五期



主管主办 Competent Organizer  
陕西文博生物信息工程研究所  
Shaanxi Institute of Wenbo Bioinformatics Engineering  
编辑出版 Editing  
医学信息编辑部  
Editorial Department of Medical Information  
主 编 Editor-in-Chief  
樊代明  
FAN Dai-ming  
副主编 Deputy Editor  
洪 专 袁勇贵 郭树章  
HONG Zhuan YUAN Yong-gui GUO Shu-zhang  
卫克文 苏晓清 于 勤  
WEI Ke-wen SU Xiao-qing YU Qin  
杜立学  
DU Li-xue  
常务副主编·编辑部主任  
Executive Deputy Editor·Managing Director  
申 磊  
SHEN Lei  
责任编辑 Executive Editor  
鬲红转 肖婷婷  
GE Hong-zhuan XIAO Ting-ting  
文字编辑 Copy Editor  
成 森 肖婷婷 钱洪飞  
CHENG Sen XIAO Ting-ting QIAN Hong-fei  
王朵梅 王海静 张建婷  
WANG Duo-mei WANG Hai-jing ZHANG Jian-ting  
杜 帆 刘 欢 宋 伟  
DU Fan LIU Huan SONG Wei  
冯清亮 林瑞颖  
FENG Qing-liang LIN Rui-ying  
美术编辑 Art Editor  
高雨晨  
GAO Yu-chen  
微信公众号 WeChat Official Account  
yxxxbjb  
网 址 Website  
www.yixuexinxi.cn  
广告发布登记编号  
Advertisement Registration Number  
61010220190007  
广告代理 Advertising Agency  
陕西《医学信息》杂志社有限责任公司  
Shaanxi Journal of Medical Information Magazine Co., Ltd.

## 目 次

### Contents

#### 专题 Topics

- Wnt/ $\beta$ -catenin 信号通路在宫颈癌发生发展中的研究进展  
..... 许晓燕,冯 群,夏 婧(1)  
Research Progress of Wnt/ $\beta$ -catenin Signaling Pathway in the Occurrence and  
Development of Cervical Cancer ..... XU Xiao-yan,FENG Qun,XIA Qiang  
我国宫颈癌流行病学及病因学的研究 ..... 赵 琛,宋淑芳(6)  
The Epidemiology and Etiology of Cervical Cancer in China  
..... ZHAO Chen,SONG Shu-fang  
自噬在宫颈癌发生发展中的作用 ..... 郑楚丽,宋 硕,谭晓瑜,等(9)  
The Role of Autophagy in the Occurrence and Development of Cervical Cancer  
..... ZHENG Chu-li,SONG Shuo,TAN Xiao-yu,et al.

#### 医学信息学 Medical Informatics

- 基于医疗机构、医务人员、医疗行为监管指标体系构建与应用  
..... 宋金洋,蒋雪莉,张子武,等(12)  
Construction and Application of a Regulatory Index System Based on Medical  
Institutions,Medical Staff,and Medical Behavior  
..... SONG Jin-yang,JIANG Xue-li,ZHANG Zi-wu,et al.  
基于 SWOT 分析的儿童专科医院学科发展策略研究  
..... 朱永凯,陈霄雯,钱莉玲,等(16)  
Research on Disciplinary Development Strategy of Children's Specialized Hospital  
Based on SWOT Analysis ..... ZHU Yong-kai,CHEN Xiao-wen,QIAN Li-ling,et al.

印刷 Printing

西安盛景印务有限公司

Xi'an Shengjing Printing Co., Ltd.

发行 Issued

中国邮政集团公司陕西省报刊发行局

China Post Group Shaanxi Newspapers and Periodicals

Emitting Office

订阅 Order

全国各地邮政局 邮发代号:52-98

Post Office Subscription Code:52-98

社址 Address

陕西省西安市曲江新区雁翔路 3001 号

旺座曲江 H 座 11805 室

Room 11805, Block H, Wangzuo Qujiang, 3001 Yanxiang

Road, Qujiang New District, Xi'an 710061,China

电话 Tel

+86-29-82213414 82628305

标准刊号 Standard Serial Number

ISSN 1006-1959

CN 61-1278/R

2021 年版权归《医学信息》编辑部所有

本刊刊出的所有文章不代表本刊编委会观点。如无特殊说明,一律视为作者同意授权本刊及网络合作媒体进行电子版信息传播。如有印刷装帧问题请及时联系编辑部调换。

In 2021, the copyright belongs to the editorial department of "Journal of Medical Information".

All articles published in this journal do not represent the views of the editorial board of this journal. If there are no special instructions, it shall be deemed that the author agrees to authorize this journal and online cooperative media to disseminate electronic information. If you have any printing problems, please contact the editorial department for replacement.

愿景

打造世界领先的医学科技期刊

Wish

To Create a World-leading Medical Science Journal

使命

让作者得到满意的服务  
让读者获得有价值的信息

Mission

Make the Author Get a Satisfactory Service  
Let the Reader Get Valuable Information

价值观

乐观 真诚 进取 奉献  
学习 认真 迅速 做到

Values

Optimism Sincerity Action Dedication  
Study Earnestness Speed Efficiency

受试者信息管理系统在生物等效性试验中的应用

..... 黄丽凤,李灿霞,雷雨燕,等(20)

Application of Subject Information Management System in Bioequivalence Test

..... HUANG Li-feng,LI Can-xia,LEI Yu-yan,et al.

医学遗传学微信小程序的交互设计实践 ..... 许轶靓,唐佐青,丁卫,等(23)

Interaction Design Practice of WeChat Mini Apps in Medical Genetics

..... XU Yi-liang,TANG Zuo-qing,DING Wei,et al.

新冠肺炎疫情下医院门诊信息化防控实践 ..... 郑宇风,张沛,计虹(25)

Practice of Information Prevention and Control in Hospital Outpatient Department

Under the COVID-19 Epidemic ..... ZHENG Yu-feng,ZHANG Pei,JI Hong

翻转课堂结合千聊在成教《健康评估》课程中的应用

..... 鲁剑萍,孙慧君,张翠娣,等(29)

Application of Flipped Classroom and Qianliao Platform in Adult Education Health

Assessment Course ..... LU Jian-ping,SUN Hui-jun,ZHANG Cui-di,et al.

综述 Review

中药单体治疗酒精性肝损伤的研究现状 ..... 林芳芳,龚先琼(32)

Advances in the Treatment of Alcoholic Liver Injury by Monomer of Traditional

Chinese Medicine ..... LIN Fang-fang,GONG Xian-qiong

VEGF 在糖尿病视网膜病变发病机制中的作用

..... 彭越,高宇,王云飞,等(36)

The Role of VEGF in the Pathogenesis of Diabetic Retinopathy

..... PENG Yue,GAO Yu,WANG Yun-fei,et al.

新型冠状病毒肺炎的流行病学特征及实验室检测

..... 孙泽,寇喆,王启龙,等(40)

Epidemiological Characteristics and Laboratory Testing of COVID-19

..... SUN Ze,KOU Zhe,WANG Qi-long,et al.

针灸治疗高尿酸血症临床疗效及其机制 ..... 何曦萌,王超,孙军刚(43)

Clinical Effect and Mechanism of Acupuncture and Moxibustion on Hyperuricemia

..... HE Xi-meng,WANG Chao,SUN Jun-gang

少精子症动物模型的构建 .....	许 卫(46)
Construction of an Animal Model of Oligospermia .....	XU Wei
预测前列腺癌根治术后生化复发的研究 .....	陈彦君,刘建萍,龚志勇(49)
Study on the Prediction of Biochemical Recurrence After Radical Prostatectomy .....	CHEN Yan-jun,LIU Jian-ping,GONG Zhi-yong
吸烟对肺结核发病、临床特征及转归的影响 .....	徐 玥,王 璞(54)
The Effect of Smoking on the Incidence,Clinical Characteristics and Outcome of Tuberculosis .....	XU Yue,WANG Pu
慢性阻塞性肺疾病中氧化应激及抗氧化治疗的研究 .....	王建红(58)
Study on Oxidative Stress and Antioxidant Therapy in Chronic Obstructive Pulmonary Disease .....	WANG Jian-hong
单囊胚移植在人类辅助生殖技术的应用优势及存在问题 .....	李丝雨,师娟子(61)
Application Advantages and Problems of Single Blastocyst Transplantation in Human Assisted Reproductive Technology .....	LI Si-yu,SHI Juan-zi
老年肝衰竭临床特点及预后转归 .....	闫红林,杨永勤,汪 雯,等(65)
Clinical Characteristics and Prognostic Outcome of Elderly Liver Failure .....	YAN Hong-lin,YANG Yong-qin,WANG Wen,et al.
<b>论著 Treatise</b>	
整合转录组学识别食管鳞癌关键基因细胞周期蛋白依赖性激酶抑制因子 3 .....	王万鹏,张启迪,傅承宏,等(68)
Integrated Transcriptomics to Identify the Key Gene Cyclin-dependent Kinase Inhibitor 3 in Esophageal Squamous Cell Carcinoma .....	WANG Wan-peng,ZHANG Qi-di,FU Cheng-hong,et al.
脑卒中患者与配偶二元应对的调查分析 .....	杨雪雯,于丹丹,魏洪娟,等(73)
Investigation and Analysis of Dual Coping Between Stroke Patients and Their Spouses .....	YANG Xue-wen,YU Dan-dan,WEI Hong-juan,et al.
HIFU 与手术治疗腹壁子宫内位症的疗效比较 .....	蔡 华,何菊仙,赵海霞,等(78)
Comparison of the Effect of HIFU and Surgery in the Treatment of Abdominal Wall Endometriosis .....	CAI hua,HE Ju-xian,ZHAO Hai-xia,et al.
衰弱与老年慢性心力衰竭的相关性分析 .....	石亚丽,张 颖,王 书(81)
Correlation Analysis Between Frailty and Chronic Heart Failure in the Elderly .....	SHI Ya-li,ZHANG Ying,WANG Shu
FIB-4、APRI 及肝纤维指标对乙型肝炎肝硬化的诊断价值 .....	叶 亮,赵永忠(85)
The Diagnostic Value of FIB-4,APRI and Liver Fiber Indexes in Hepatitis B Liver Cirrhosis .....	YE Liang,ZHAO Yong-zhong
喉癌术后患者自我效能感和创伤后成长的相关性分析 .....	朱翔玥,李健芝,张小红,等(89)
Correlation Analysis of Self-efficacy and Post-traumatic Growth in Patients with Laryngeal Cancer Surgery .....	ZHU Xiang-yue,LI Jian-zhi,ZHANG Xiao-hong,et al.

Ca <sup>2+</sup> 拮抗剂联合利多卡因麻醉在颅脑手术中的应用效果 .....	刘忠涛(93)
Application Effect of Ca <sup>2+</sup> Antagonist Combined with Lidocaine Anesthesia in Craniocerebral Surgery .....	LIU Zhong-tao
DWI 和 DCE-MRI 鉴别诊断乳腺良恶性病变的价值 .....	徐茂林,高 斌(96)
The Value of DWI and DCE-MRI in Differential Diagnosis of Benign and Malignant Breast Lesions .....	XU Mao-lin,GAO Bin
情景感统训练对 ADHD 合并感统失调儿童的作用 .....	陈艳娟,许才娟,董尚胜,等(100)
The Effect of Situational Sensory Integration Training on Children with ADHD and Sensory Integration Disorders .....	CHEN Yan-juan,XU Cai-juan,DONG Shang-sheng,et al.
肝爽颗粒联合富马酸替诺福韦二吡呋酯片对乙型病毒性肝炎肝硬化患者 APRI、FIB-4 的影响 .....	刘 芳,季 良,姜海燕,等(104)
The Effect of Ganshuang Granule Combined with Tenofovir Disoproxil Fumarate Tablets on APRI and FIB-4 in Patients with Hepatitis B Liver Cirrhosis .....	LIU Fang,JI Liang,JIANG Hai-yan,et al.
老年胃肠道手术患者术后谵妄的危险因素分析 .....	尚子祥,李 锐(107)
Analysis of Risk Factors for Postoperative Delirium in Elderly Patients Undergoing Gastrointestinal Surgery .....	SHANG Zi-xiang,LI Rui
<b>临床研究 Clinical Research</b>	
多发性骨髓瘤合并颅内浆细胞瘤的临床及影像学特点分析 .....	覃泽东,夏玉梅,陈 莉,等(111)
Analysis of Clinical and Imaging Characteristics of Multiple Myeloma Combined with Intracranial Plasmacytoma .....	QIN Ze-dong,XIA Yu-mei,CHEN Li,et al.
粪乳铁蛋白、维生素 D 水平与克罗恩病患者骨质疏松的相关性 .....	郑鑫辉,崔慧丽,杨铁毅,等(114)
Correlation Between Fecal Lactoferrin,Vitamin D Levels and Osteoporosis in Crohn's Disease .....	ZHENG Xin-hui,CUI Hui-li,YANG Tie-yi,et al.
IV型气管支气管结核气道介入治疗的有效性及其安全性分析 .....	聂 箫(117)
Analysis of the Effectiveness and Safety of Airway Interventional Therapy for Type IV Tracheobronchial Tuberculosis .....	NIE Xiao
氨基己酸在 PFNA 治疗老年性不稳定型股骨粗隆间骨折围手术期隐性失血量中的应用 .....	胡朝朝,陈先进,张 军,等(120)
Application of Aminocaproic Acid in PFNA Treatment of Perioperative Hidden Blood Loss in Senile Unstable Intertrochanteric Fractures .....	HU Zhao-qi,CHEN Xian-jin,ZHANG Jun,et al.
超早期小翼点切口锁孔经侧裂-岛叶入路显微手术治疗高血压基底节区脑出血的效果 .....	封浩野,赵 雷(124)
The Effect of Ultra-early Winglet Incision Keyhole Transsylvian-insular Approach Microsurgery in the Treatment of Hypertensive Cerebral Hemorrhage in the Basal Ganglia .....	FENG Hao-ye,ZHAO Lei

血清 BNP、cTN I 及 hs-CRP 联合检查在急性冠脉综合征危险分层中的意义 ..... 任智慧(127)

Significance of Combined Examination of Serum BNP,cTN I and hs-CRP in Risk Stratification of Acute Coronary Syndrome

..... REN Zhi-hui

交锁髓内钉固定与加压钢板螺钉固定治疗肱骨骨折后骨不连的效果 ..... 何天兵(130)

Effect of Interlocking Intramedullary Nail Fixation and Compression Plate Screw Fixation in the Treatment of Nonunion After Humeral Fracture .....

HE Tian-bing

信息化管理对骨质疏松患者药物依从性及治疗效果的影响 ..... 童迪夷,丁东新(133)

The Influence of Information Management on the Compliance of Patients with Osteoporosis and Treatment Effect

..... TONG Di-yi,DING Dong-xin

#### 调查分析 Investigation and Analysis

某医学院校医学生社会环境因素与睡眠行为的关系 ..... 于双杰,张亚娟,关素珍(136)

The Relationship Between Social Environmental Factors and Sleep Behavior of Medical Students in a Medical College

..... YU Shuang-jie,ZHANG Ya-juan,GUAN Su-zhen

海口市居民海产品膳食结构的调查与分析 ..... 李 雪,方桂红,梁海宁,等(140)

Investigation and Analysis on the Dietary Structure of Seafood in Haikou City .....

LI Xue,FANG Gui-hong,LIANG Hai-ning,et al.

2016 年-2019 年天津市南开区心脑血管疾病发病和死亡变化分析 ..... 王 辉,柳光斌,王现玲,等(143)

Analysis of Changes in the Incidence and Death of Cardiovascular and Cerebrovascular Diseases in Nankai District,Tianjin from 2016 to 2019 .....

WANG Hui,LIU Guang-bin,WANG Xian-ling,et al.

南京地区儿童门急诊季节性流感的分型和淋巴单核细胞含量比的特征分析 ..... 荣 菊,鄢 薇,张爱青(147)

Analysis of Clinical Characteristics of Seasonal Influenza Type and Lymphatic Mononuclear Cell Content Ratio of Children in Outpatient and Emergency Department in Nanjing Area .....

RONG Ju,WU Wei,ZHANG Ai-qing

大肠癌患者的灵性需求现状及影响因素分析 ..... 李 洁(151)

Analysis of the Status Quo of Spiritual Needs and Influencing Factors of Patients with Colorectal Cancer .....

LI Jie

养老护理员院前急救能力现状调查 ..... 周 旭,黄玲玲,唐 凤,等(154)

Survey on the Status Quo of the Prehospital First Aid Ability of Nursing Staff .....

ZHOU Xu,HUANG Ling-ling,TANG Feng,et al.

#### 药物与临床 Medicine and Clinical

宝乐安辅助治疗儿童反复呼吸道感染继发性腹泻的临床疗效 ..... 陶仲宾,王 洁,杨亚玲(158)

The Clinical Efficacy of Baolean in Adjuvant Treatment of Diarrhea Secondary to RecurrentRespiratory Infections in Children

..... TAO Zhong-bin,WANG Jie,YANG Ya-ling

氟哌噻吨美利曲辛片联合舒肝解郁胶囊治疗难治性胃食管反流病的疗效 ..... 谢 燕,马 珍,张珺珺(161)  
Efficacy of Flupentixol and Melitroxin Tablets Combined with Shugan Jieyu Capsule in the Treatment of Refractory Gastroesophageal  
Reflux Disease ..... XIE Yan,MA Zhen,ZHANG Jun-jun

#### 中医中药 Traditional Chinese Medicine

陈其华教授从“正虚毒结”诊治乳腺癌经验总结 ..... 刘德果,李姿蓉,赵 姣,等(164)  
电针联合中药治疗肠道气滞型功能性便秘的效果 ..... 樊向才,唐 敏,龙 庆(166)  
Effect of Electroacupuncture Combined with Traditional Chinese Medicine on Functional Constipation of Intestinal Qi Stagnation  
..... FAN Xiang-cai,TANG MIN,LONG Qing  
康氏学术流派在原发性肝癌治疗中的经验拾萃 ..... 郑春榕,阮清发(169)

#### 诊疗技术 Diagnosis and Treatment Technology

多重指标在急性冠脉综合症中的应用价值 ..... 董 谦,陈 康,王伟佳(172)  
The Application Value of Multiple Indexes in Acute Coronary Syndrome ..... DONG Qian,CHEN Kang,WANG Wei-jia  
MSCT 冠脉造影和心脏成像在冠心病中的应用价值 ..... 曾 鹏,刘 忠,顾斌凯,等(176)  
The Application Value of MSCT Coronary Angiography and Cardiac Imaging in Coronary Heart Disease  
..... ZENG Peng,LIU Zhong,GU Bin-kai,et al.

#### 护理研究 Nursing Research

个性化心理护理对年轻肺癌术后患者负性情绪的影响 ..... 刘 曼,邢益辉,任斌辉,等(179)  
Influence of Individualized Psychological Nursing on Negative Emotion of Young Patients with Lung Cancer After Surgery  
..... LIU Man,XING Yi-hui,REN Bin-hui,et al.  
循证护理在腹股沟疝合并肝硬化腹水患者围术期的应用效果 ..... 夏慧华(181)  
Effect of Evidence-based Nursing in the Perioperative Period of Patients with Inguinal Hernia Combined with Liver Cirrhosis and  
Ascites ..... XIA Hui-hua  
责任制整体护理对肺结核患者自护能力及服药依从性的影响 ..... 吴 迪(184)  
The Influence of Responsibility System Holistic Nursing on the Self-care Ability and Medication Compliance of Pulmonary  
Tuberculosis Patients ..... WU Di  
疼痛康复干预对创伤性骨折术后患者康复的影响 ..... 赵宏伟(187)  
Effect of Pain Rehabilitation Intervention on Patients' Rehabilitation After Traumatic Fracture ..... ZHAO Hong-wei  
回授法在老年预防性肠造口护理中的应用 ..... 蔡玉莲,应 笑(190)  
Application of Feedback Method in Nursing Care of Elderly Preventive Enterostomy ..... CAI Yu-lian,YING Xiao