

主管

国家卫生健康委员会
北京市西城区西直门外南路1号,
100044

主办

中华预防医学会
北京市朝阳区潘家园华威里25号,
100021
四川大学华西公共卫生学院
成都市人民南路三段16号,610041

编辑

《现代预防医学》杂志编辑委员会
成都市人民南路三段16号,610041

名誉主编

戴志澄 詹承烈 倪宗瓚 张朝武
马 骁

主编

张 本

常务副主编

裴晓方

编辑部主任

王国庆

出版

《现代预防医学》编辑部
成都市人民南路三段17号,610041
电话:(028)85502771,85503354

印刷

成都市富生实业有限公司

发行范围

国内外公开发行

发行

国内:四川省报刊发行局
国外:中国国际图书贸易总公司
北京海淀区车公庄西路35号,
100044
刊代号:6819(MQ)

订购

全国各地邮局 邮发代号 62-183

定价

每期 15.00 元 全年 360.00 元

中国标准连续出版物号

ISSN 1003-8507

CN 51-1365/R

2021 年本刊版权归中华预防医学会和
四川大学华西公共卫生学院所有

本刊刊出的所有文章不代表中华
预防医学会和本刊编委会的观点,除非
特别声明。如有印装质量问题,请向本
刊编辑部调换。

目次

流行病与统计方法

- 基于 Prophet 等时间序列季节模型的肺结核发病预测及对比分析
..... 杨振,聂艳武,孙亚红,等(3841)
- 湖南省 2017—2019 年学校诺如病毒感染暴发疫情流行特征分析
..... 董瑞,刘富强,张斯钰,等(3847)
- 广州市 2017—2020 年严重急性呼吸道感染病例流感病毒感染监测结果分析
..... 吴迪,黄蕾蕾,曹蓝,等(3852)
- 2010—2019 年盐城市学校突发公共卫生事件流行特征分析
..... 卢小敏,孙中友,张学艳,等(3857)
- 2015—2017 年衡水地区农村妇女宫颈病变筛查情况分析
..... 李娜,钱立杰,代聪伟,等(3861)

环境与职业卫生

- 流动人口职业病防治教育现状及影响因素分析
..... 曹小华,张雯,王娜,等(3866)
- 养老机构养老护理员职业认同现状及影响因素分析
..... 焦娜娜,钟志宏,李玉,等(3870)
- 邢台市 1964—2019 年尘肺病人死亡情况调查分析
..... 李敬文,康虹,梁配松,等(3875)

营养与食品卫生

- 长期抗生素暴露对高脂饮食负荷小鼠糖代谢和肠道菌群的影响
..... 吴思谋,苗钟化,周青青,等(3878)
- 老年脓毒症幸存者出院时老年营养风险指数与非计划再入院的相关性研究
..... 杨姝,吴燕丽,邢柏(3884)
- 肥胖的群体差异及影响因素——基于 CFPS2018 数据分析
..... 苟玉婷,蒙艺(3889)

儿少卫生与妇幼保健

- 2018—2020 年新疆生产建设兵团儿童和孕妇碘营养状况分析…………… 赵鹏山,马晓玲,凌曦,等(3893)
- 父母育儿因素与学龄前儿童功能性便秘的关系研究 …………… 牛玉硕,李葵南,孙孟珂,等(3897)
- 基于结构方程模型的女性子宫疾病患者住院费用影响因素分析…………… 梁建军,邹小明,马琴,等(3902)
- 基于刺激-机体-反应理论的江苏省居民基层首诊意愿及其影响因素分析…………… 王子瑶,徐海波,郑黎,等(3906)

基层卫生服务

- 民营中医馆服务满意度探究——基于 SERVQUAL 分析…………… 戴璟,吴锡云,张欣,等(3911)

卫生政策与管理

- 江苏省卫生人力资源配置的公平性及预测研究…………… 许龄木,汪哲名,朱航樾(3915)

健康与社会行为

- 孤独感在老年人社会参与和生活满意度间的中介效应研究…………… 井力加,刘宗壮,王鑫,等(3920)
- 豫东农村地区脑梗死患者睡眠质量现状调查及其影响因素分析…………… 冉春龙,白琛,李梦君,等(3925)
- 慢性病对中国老年人跌倒发生的影响研究…………… 胡惠菊,李慧源,唐启群,等(3930)
- 严重精神障碍患者的高危行为风险因素分析…………… 张宴萍,魏雪辉,姚晓萍,等(3935)
- 社区老年人认知衰弱与自我感知老化的关系研究…………… 吴慧敏,罗艳艳,姚桂英,等(3940)

实验技术及其应用

- 植物乳酸菌 LP45 株对抗生素诱导肠道菌群、免疫及脑部功能损伤的改善作用
…………… 石磊,蒲芳芳,张瑜杰,等(3945)
- 石榴皮提取物对偏钒酸钠染毒小鼠海马区的影响作用初探…………… 王勤,李顺品,丰国文,等(3950)
- 气相色谱法快速测定糕点中乙二醇、丙二醇和丙三醇…………… 杜佳依,郭婕,孙成均(3955)

疾病预防控制

- 中国男男性行为群体物质滥用的 Meta 分析…………… 刘昕,霍震宇,黄碧霞,等(3960)

四川省艾滋病抗病毒治疗 6 ~ 12 个月病毒学失败患者耐药性分析 袁丹,张燕,李一平,等(3967)

1990—2019 年中国痛风疾病负担研究 赵敏,陈婷,黄振光,等(3974)

辽宁省居民高血压合并糖尿病患病率及影响因素分析 潘磊磊,游弋,郭洁,等(3979)

2020 年宁夏新冠疫情期间 SARS - CoV - 2 与常见发热呼吸道病原流行特征比较分析
..... 曹懋,吴忠兰,马学平,等(3985)

泸州地区体检在职人群血脂异常流行情况及危险因素分析 周仲芳,黄素琼,王小红,等(3990)

卫生监督

成都市未成年人群腹泻沙门氏菌血清型、耐药及分子分型研究 黎明,孔喜梅,袁齐武,等(3996)

临床与预防

营养状态和认知功能对 PD 患者日常生活能力的作用机制探索——基于中介效应和调节效应
..... 韩敏,秦瑶,葛晓燕,等(4001)

基于倾向性评分探析肝功能评估不同性别代谢综合征的价值研究
..... 加依娜·拉兹别克,张燕,李德洋,等(4006)

谵妄护理压力量表的汉化及信效度评价 李超群,高业兰,杨玉佩(4012)

基于随机森林算法的肿瘤科护士工作倦怠影响因素分析:一项多中心研究 覃蕾,霍荣瑞,任贇虹,等(4016)

2 型糖尿病患者并发轻度认知功能障碍危险因素的 Meta 分析 陈昕羽,高静,吴晨曦,等(4022)

人才培养

某医学院校 MPH 实践教学的投资与思考 韩彩静,张丰香,余远,等(4028)

本期责任编辑 张韬 Executive Editor ZHANG Tao 英文编辑 赵星 English Editor ZHAO Xing

校对 张媛 Proofreader ZHANG Yuan

助理编辑 谢瑶 Associate Editor XIE Yao

总编辑 王国庆 Chief Editor WANG Guo-qing

期刊基本参数:CN51-1365/R * 1974 * s * 16 * 192 * zh + en * P * ¥ 15.00 * 8000 * 38 * 2021-21

E-mail:mpmbjb@163.com

在线办公系统网址:http://www.xdyfyx.com

Responsible Institution

National Health Commission of the People's Republic of China

Sponsor

Chinese Preventive Medicine
Association 25, Warwick, PanJiaYuan, ChaoYang
District, Beijing 100021, P. R. China
West China School of Public Health
Sichuan University
16, Section 3, Renmin Nanlu, Chengdu 610041, P. R. China

Editing

Editorial Board of Modern Preventive
Medicine
16, Section 3, Renmin Nanlu, Chengdu 610041, P. R. China

Honorary Editor-in-Chief

DAI Zhi-cheng, ZHAN Cheng-lie,
NI Zong-zan, ZHANG Chao-wu,
MA Xiao

President and editor-in-chief

ZHANG Ben

Vice president

PEI Xiao-fang

Editorial office director

WANG Guo-qing

Publishing

Magazine House of Modern Preventive
Medicine 17, Section 3, Renmin Nanlu, Chengdu
610041
Tel: (028)85502771 85503354

Printing

Chengdu Fusheng Print Co., Ltd

Overseas Distributor

China International Book Trading
Corporation
35 Chegongzhuang Xilu, Haidian, Beijing 100044,
P. R. China

Mail-order

Editorial Department of Modern Preventive
Medicine
17, Section 3, Renmin Nanlu, Chengdu 610041, P. R. China
Tel: (028)85502771 85503354

CSSN

ISSN 1003-8507
CN 51-1365/R

Printed on acid-free paper; effective with
Volume 48, Issue 21, 2021.

Copyright © 2021 by Chinese
Preventive Medical Association, West
China School of Public Health
Sichuan University

CONTENTS IN BRIEF

Epidemiology and Statistical Methods Advances

Prediction and comparative analysis of tuberculosis incidence based on Prophet and other time series seasonal model

..... YANG Zhen, NIE Yan-wu, SUN Ya-hong, et al(3841)

Study on epidemiological characteristics of Norovirus outbreak at schools in Hunan province during 2017—2019

..... DONG Rui, LIU Fu-qiang, ZHANG Si-yu, et al(3847)

Influenza virus infection surveillance results in patients with severe acute respiratory infection (SARI) in Guangzhou, 2017—2020

..... WU Di, HUANG Lei-lei, CAO Lan, et al(3852)

Epidemiological characteristics of public health emergencies from school in Yancheng, 2010—2019

..... LU Xiao-min, SUN Zhong-you, ZHANG Xue-yan, et al(3857)

Cervical lesion screening of rural women in Hengshui area, 2015—2017

..... LI Na, QIAN Li-jie, DAI Cong-wei, et al(3861)

Environmental and Occupational Health

Analysis of the current situation and influencing factors of occupational disease prevention and control education of the floating population

..... CAO Xiao-hua, ZHANG Wen, WANG Na, et al(3866)

Professional identity of elderly care workers and its influencing factors in nursing homes: a survey

..... JIAO Na-na, ZHONG Zhi-hong, LI Yu, et al(3870)

Trends in pneumoconiosis death in Xingtai, 1964—2019

..... LI Jing-wen, KANG Hong, LIANG Pei-song, et al(3875)

Nutrition and Food Hygiene

Effects of long-term antibiotic exposure on glucose metabolism and intestinal microbiota of high-fat diet mice

..... WU Si-mou, MIAO Zhong-hua, ZHOU Qing-qing, et al(3878)

Relationship between geriatric nutritional risk index at discharge and unplanned readmission in older sepsis survivors YANG Mei, WU Yan - li, XING Bo(3884)

Group difference of obesity and its influences—An analysis based on CFPS2018 data
..... GOU Yu - ting, MENG Yi(3889)

Child and Adolescent health, Maternal and Child Health

Iodine nutritional status of children and pregnant women in Xinjiang Production and Construction Corps, 2018—2020 ZHAO Peng - shan, MA Xiao - ling, LING Xi, et al(3893)

Association between parental factors and functional constipation in preschoolers
..... NIU Yu - shuo, LI Kui - nan, SUN Meng - ke, et al(3897)

Influencing factors of hospitalization expenses for patients with uterine diseases based on structural equation model LIANG Jian - jun, ZOU Xiao - ming, MA Qin, et al(3902)

Willingness for primary diagnosis and its influencing factors among residents in Jiangsu based on SOR Theory
..... WANG Zi - yao, XU Hai - bo, ZHENG Li, et al(3906)

Primary Health Services

Research on service satisfaction of private traditional Chinese medicine clinics—based on SERVQUAL analysis DAI Jing, WU Xi - yun, ZHANG Xin, et al(3911)

Health Policy and Management

Study on the equity and prediction of health human resources allocation in Jiangsu
..... XU Ling - mu, WANG Zhe - ming, ZHU Hang - ju(3915)

Health and Social Behavior

Mediation Effect of Loneliness Between Social Participation and Life Satisfaction of Elderly
..... JING Li - jia, LIU Zong - zhuang, WANG Xin, et al(3920)

Status of sleep quality of patients with cerebral infarction in rural areas of eastern Henan and its influencing factors RAN Chun - long, BAI Chen, LI Meng - jun, et al(3925)

Study on the effects of chronic diseases on the occurrence of falls in the elderly in China
..... HU Hui - ju, LI Hui - yuan, TANG Qi - qun, et al(3930)

Risk factors of high - risk behaviors in patients with severe mental disorders
..... ZHANG Yan - ping, WEI Xue - hui, YAO Xiao - ping, et al(3935)

Association between cognitive frailty and self - perceptions of ageing in community - dwelling elderly
..... WU Hui - min, LUO Yan - yan, YAO Gui - ying, et al(3940)

Experimental Technology and Applications

Protective influences of *Lactobacillus planatarum* LP45 on antibiotic – induced impairment of intestinal microbiota, immunity and brain function SHI Lei, PU Fang – fang, ZHANG Yu – jie, et al(3945)

Effect of pomegranate peel extracts on hippocampal zone of mice exposed to sodium metavanadate
..... WANG Qin, LI Shun – pin, FENG Guo – wen, et al(3950)

Rapid determination of ethylene glycol, propanediol and glycerol in pastries by gas chromatography
..... DU Jia – yi, GUO Jie, SUN Cheng – jun(3955)

Disease Control and Prevention

Meta – analysis of substance abuse among men who have sex with men, China
..... LIU Xin, HUO Zhen – yu, HUANG Bi – xia, et al(3960)

Drug resistance of patients with virologic failure in Sichuan after 6—12 months of AIDS antiretroviral therapy
..... YUAN Dan, ZHANG Yan, LI Yi – ping, et al(3967)

Disease burden of gout in China, 1990—2019
..... ZHAO Min, CHEN Ting, HUANG Zhen – guang, et al(3974)

Prevalence and risk factors of hypertension combined with diabetes in Liaoning province
..... PAN Lei – lei, YOU Yi, GUO Jie, et al(3979)

Comparison and characteristics analysis of SARS – CoV – 2 and other respiratory pathogens during a COVID – 19 epidemic in Ningxia, 2020 CAO Min, WU Zhong – lan, MA Xue – ping, et al(3985)

Analysis of the prevalence and risk factors of dyslipidemia in the working population of physical examination in Luzhou ZHOU Zhong – fang, HUANG Su – qiong, WANG Xiao – hong, et al(3990)

Health Supervision

Serotype, drug resistance and molecular typing of *Salmonella* among children in Chengdu
..... LI Ming, KONG Xi – mei, YUAN Qi – wu, et al(3996)

Clinical Medicine and Prevention

The mechanism of the function of nutritional status and cognitive function on Parkinson’s disease patients’ daily life ability – based on mediation effect and regulation effect
..... HAN Min, QIN Yao, GE Xiao – yan, et al(4001)

Predictive value of liver function in metabolic syndrome of different gender based on ProPensity score matching JIAYINA Lazbieke, ZHANG Yan, LI De – yang, et al(4006)

Reliability and validity of Chinese version of the strain of care for delirium index

..... LI Chao - qun, GAO Ye - lan, YANG Yu - pei(4012)

Influencing factors of job burnout of oncology nurses based on Random Forest Algorithm: a multicenter study

..... QIN Lei, HUO Rong - rui, REN Yun - hong, et al(4016)

Risk factors of mild cognitive impairment in type 2 diabetes mellitus: a Meta - analysis

..... CHEN Xin - yu, GAO Jing, WU Chen - xi, et al(4022)

Personnel Training

Investigation and reflection on MPH practice teaching of Weifang Medical University

..... HAN Cai - jing, ZHANG Feng - xiang, YU Yuan, et al(4028)

欢迎订阅 2021 年现代预防医学

ISSN 1003-8507 CN 51-1365/R 邮发代号: 62-183

中国中文核心期刊 中国科技核心期刊

2020 年度中国精品科技期刊

中华预防医学会系列杂志优秀期刊

主管单位:国家卫生健康委员会

主办单位:中华预防医学会及四川大学华西公共卫生学院

现代预防医学杂志一贯坚持理论联系实际的办刊宗旨,注重交流报道国内外预防医学新动向、新成果、新理论、新方法;充分体现期刊的学术导向,刊登国家及省部级重点攻关课题论文、著述等,同时兼顾普及,重点报道预防医学科研工作中的研究成果、经验交流及信息荟萃。欢迎广大医学科研工作者踊跃订阅,积极投稿!

本刊为半月刊,每期 15 元,全年 360 元,全国各地邮局可订,也可直接联系编辑部订阅。

地址:成都市人民南路三段 16 号,邮编:610041

电话:(028)85503354

网址:<http://www.xdyfyx.com>