

环境与职业医学

JOURNAL OF ENVIRONMENTAL AND
OCCUPATIONAL MEDICINE

ISSN 2095-9982

CN 31-1879/R

CSCD源期刊

中文核心期刊

中国科技核心期刊

本期推荐

- 关注营养与生活方式,全方位促进公众身心健康
- 中国四省55岁及以上人群巧克力摄入量与抑郁症状的关联
- 中国四省55岁及以上人群血清尿酸与抑郁症状的关联
- 中国四省55岁及以上人群身体活动与抑郁症状的关联
- 中国四省55岁及以上人群血压状况与轻度认知障碍的关联



www.jeom.org



主办
Sponsored by

上海市疾病预防控制中心
Shanghai Municipal Center for Disease Control and Prevention

卷 Vol 38 / 期 No 8 / 2021.8

环境与职业医学

JOURNAL OF ENVIRONMENTAL AND OCCUPATIONAL MEDICINE

2021年8月 | 第38卷第8期

目次

专栏：中国55岁及以上人群膳食营养与神经精神疾病

| | |
|--|-----|
| 关注营养与生活方式，全方位促进公众身心健康 | 801 |
| 王志宏，张兵，丁钢强 | |
| 中国四省55岁及以上人群巧克力摄入量与抑郁症状的关联 | 804 |
| 王柳森，张兵，黄绯绯，牛然，李惟怡，龚国伟，刘少龙，周美琪，邹艳，张双凤，王志宏 | |
| 中国四省55岁及以上人群血清尿酸与抑郁症状的关联 | 810 |
| 苏畅，王志宏，白晶，杨慧，吴小飞，刘招美，王颖琦，王惠君，张兵 | |
| 中国四省55岁及以上人群身体活动与抑郁症状的关联 | 817 |
| 欧阳一非，乔媛，张新景，张峰，刘慧琳，张兵 | |
| 中国四省55岁及以上人群血压状况与轻度认知障碍的关联 | 825 |
| 杜文雯，贾小芳，苏畅，王志宏，王惠君，张丛笑，朱辉萍，杨勇，张玉，张兵 | |

原创精选

| | |
|-------------------------------------|-----|
| 中国十五省7~17岁儿童青少年心血管代谢性危险因素的流行特征 | 833 |
| 胡霄，姜红如，张兵，王惠君，张继国，贾小芳，王柳森，李惟怡，王志宏 | |
| 基于扩展计划行为理论的低年级小学生口腔健康行为意向影响因素研究 | 839 |
| 王静雅，施宏燕，黄蕊，赵杰，张雨欣，蒋楠，邵春海，王继伟，何翔，徐晓明 | |

调查研究

| | |
|---|-----|
| 上海PM _{2.5} 、NO ₂ 及空气质量指数与小学生因病缺勤的关系 | 847 |
| 唐颤，陈卓如，高学欢，杨迎春，顾筱怡，朱夏平，沈杰，盛海涛，蔡云飞，赵卓慧 | |
| 后疫情时期医学生心理弹性在压力与焦虑症状关系中的中介作用 | 853 |
| 徐景彩，陈亮，樊荣 | |
| 全面二孩政策下三级医院产科医务人员职业应激现况及影响因素 | 860 |
| 沈卫英，房占娟，陆爱芬，袁国芳，张旭，管罕英，张勇刚，钱冬梅 | |
| 上海市2009—2018年职业病发病状况分析 | 866 |
| 瞿菁，窦婷婷，贾晓东，尹艳 | |
| 2006—2019年重庆市渝北区尘肺病报告病例特征及生存分析 | 872 |
| 李文，廖雪梅，罗琳，胡亚男 | |
| 2019年上海市小微型企业粉尘接触工人尘肺病主动监护结果分析 | 877 |
| 郭薇薇，刘美霞，杨凤，丁文彬，瞿菁，尹艳 | |

| | |
|---|-----|
| 杭州市两污水处理厂进水中微塑料污染水平及特征 | 883 |
| └叶李嘉, 吴南翔, 高明, 郭晓晨, 范宏亮, 沈宏, 杨叶, 刘克澄, 姚春冀, 彭雪云 | |
| 上海市贝类水产品诺如病毒污染状况及基因分型 | 888 |
| └吴立梦, 滕峰, 崔晓青, 王蔚, 狄弘玮, 匡小舟, 任宏, 刘弘, 袁政安, 张曦, 林庆能 | |
| PM _{2.5} 暴露对急诊就诊量和救护车派遣量影响的meta分析 | 894 |
| └王亚芹, 王裕, 梁璐, 白风霞, 陈洁, 张丽美 | |

实验研究

| | |
|---------------------------------|-----|
| 4周抗拒训练缓解低氧诱导大鼠肌萎缩中不同肌纤维类型的敏感性差异 | 901 |
| └付鹏宇, 于加倍, 朱镕鑫, 李燕春, 龚丽景 | |
| 环境相关浓度的睾酮对秀丽线虫的生殖毒性作用 | 910 |
| └马令怡, 李维溪, 尹洁晨, 朱光灿, 刘冉 | |

综述

| | |
|--|-----|
| 食品及接触介质中SARS-CoV-2存活的影响因素、风险评估及预防的研究进展 | 915 |
| └齐人杰, 刘弘 | |

告知栏

《环境与职业医学》出版伦理声明 (816) ; 喜讯:《环境与职业医学》被EBSCO数据库收录 (832)

公益广告:不忘初心 服务基层——医学期刊庆祝中国共产党成立100周年 (封三)
第十六届全国环境与职业医学研究生学术研讨会 (第一轮通知) (封四)



编辑出版

《环境与职业医学》编辑委员会
地址: 上海市延安西路1326号, 200052
E-mail: zazhi2@scdc.sh.cn

网址: www.jeom.org
电话(传真): 86-21-62084529

印刷

常熟市教育印刷有限公司

发行

国内: 上海市报刊发行局 | 国外: 中国国际图书贸易集团有限公司 (国外发行代号: BM3814)

邮购

《环境与职业医学》编辑部 | 地址: 上海市延安西路1326号22楼, 200052 | 电话: 86-21-61957517

订购

全国各地邮局 (邮发代号4-568)

定价

每期20元, 全年240元

中国标准连续出版物号

ISSN 2095-9982

CN 31-1879/R

©本刊版权归上海市疾病预防控制中心所有

JOURNAL OF ENVIRONMENTAL AND OCCUPATIONAL MEDICINE

Monthly, Established in October, 1984 | Volume 38, Number 8 (Serial No.259) Aug. 25, 2021

CONTENTS

Special column: Nutrition and neuropsychiatric diseases in Chinese population aged ≥55 years

- Concerns on nutrition and lifestyle to comprehensively promote physical and psychological health among Chinese population----- 801
└ WANG Zhihong, ZHANG Bing, DING Gangqiang
- Association between chocolate intake and depressive symptoms among people aged 55 years and above in four provinces of China----- 804
└ WANG Liusen, ZHANG Bing, HUANG Feifei, NIU Ran, LI Weiyi, GONG Guowei, LIU Shaolong, ZHOU Meiqi, ZOU Yan, ZHANG Shuangfeng, WANG Zhihong
- Association between serum uric acid and depressive symptoms among people aged 55 years and above in four provinces of China----- 810
└ SU Chang, WANG Zhihong, BAI Jing, YANG Hui, WU Xiaofei, LIU Zhaomei, WANG Yingqi, WANG Huijun, ZHAGN Bing
- Relationship between physical activity and depressive symptoms among people aged 55 years and above in four provinces of China----- 817
└ OUYANG Yifei, QIAO Yuan, ZHANG Xinjing, ZHANG Feng, LIU Huilin, ZHANG Bing
- Association between hypertension and mild cognitive impairment among people aged 55 years and above in four provinces of China----- 825
└ DU Wenwen, JIA Xiaofang, SU Chang, WANG Zhihong, WANG Huijun, ZHANG Congxiao, ZHU Huiping, YANG Yong, ZHANG Yu, ZHANG Bing

Selected article

- Epidemiological characteristics of cardio-metabolic risk factors among children and adolescents aged 7-17 years in 15 provinces of China----- 833
└ HU Xiao, JIANG Hongru, ZHANG Bing, WANG Huijun, ZHANG Jiguo, JIA Xiaofang, WANG Liusen, LI Weiyi, WANG Zhihong
- Factors associated with lower-grade elementary school students' intention of oral health behaviors based on extended theory of planned behavior----- 839
└ WANG Jingya, SHI Hongyan, HUANG Rui, ZHAO Jie, ZHANG Yuxin, JIANG Nan, SHAO Chunhai, WANG Jiwei, HE Xiang, XU Xiaoming

Investigation

- Associations of PM_{2.5}, NO₂, and air quality index (AQI) with sickness absenteeism of primary school students in Shanghai----- 847
└ TANG Hao, CHEN Zhuoru, GAO Xuehuan, YANG Yingchun, GU Xiaoyi, ZHU Xiaping, SHEN Jie, SHENG Haitao, CAI Yunfei, ZHAO Zhuohui
- Mediating role of psychological resilience in relationship between stress and anxiety symptoms of medical students in post COVID-19 period----- 853
└ XU Jingcai, CHEN Liang, FAN Rong

CONTENTS (Continued)

| | |
|---|-----|
| Occupational stress and related influencing factors among obstetric medical staff in tertiary hospitals under the universal two-child policy----- | 860 |
| └ SHEN Weiying, FANG Zhanjuan, LU Aifen, YUAN Guofang, ZHANG Xu, GUAN Hanying, ZHANG Yonggang, QIAN Dongmei | |
| Analysis on incidence of occupational diseases in Shanghai from 2009 to 2018----- | 866 |
| └ QU Jing, DOU Tingting, JIA Xiaodong, YIN Yan | |
| Incidence characteristics and survival analysis of reported pneumoconiosis in Yubei District of Chongqing from 2006 to 2019----- | 872 |
| └ LI Wen, LIAO Xuemei, LUO Lin, HU Yanan | |
| Analysis on active health surveillance for pneumoconiosis among workers exposed to dust in small and micro enterprises in Shanghai in 2019----- | 877 |
| └ GUO Weiwei, LIU Meixia, YANG Feng, DING Wenbin, QU Jing, YIN Yan | |
| Pollution levels and characteristics of microplastics in influent of two wastewater treatment plants in Hangzhou----- | 883 |
| └ YE Lijia, WU Nanxiang, GAO Ming, GUO Xiaochen, FAN Hongliang, SHEN Hong, YANG Ye, LIU Kecheng, YAO Chunji, PENG Xueyun | |
| Norovirus contamination and genotypes in shellfish in Shanghai----- | 888 |
| └ WU Limeng, TENG Zheng, CUI Xiaoqing, WANG Wei, DI Hongwei, KUANG Xiaozhou, REN Hong, LIU Hong, YUAN Zheng'an, ZHANG Xi, LIN Qingneng | |
| Effect of PM _{2.5} exposure on emergency department visits and ambulance dispatches: A meta-analysis----- | 894 |
| └ WANG Yaqin, WANG Yu, LIANG Lu, BAI Fengxia, CHEN Jie, ZHANG Limei | |

Experiment

| | |
|---|-----|
| Differential sensitivity of muscle fiber types to hypoxia-induced muscle atrophy in rats relieved by 4-week resistance training ----- | 901 |
| └ FU Pengyu, YU Jiabei, ZHU Rongxin, LI Yanchun, GONG Lijing | |
| Reproductive toxicity of environmentally relevant concentrations of testosterone on <i>Caenorhabditis elegans</i> --- | 910 |
| └ MA Lingyi, LI Weixi, YIN Jiechen, ZHU Guangcan, LIU Ran | |

Review

| | |
|---|-----|
| Research progress on factors, risk assessment, and prevention strategies associated with SARS-CoV-2 survival in food and media----- | 915 |
| └ QI Renjie, LIU Hong | |

Supervised by Shanghai Municipal Health Commission

Sponsored by Shanghai Municipal Center for Disease Control and Prevention

Editor-in-Chief: WU Fan **Editorial Director:** DING Jinyu

Editorial Office Address: 1326 Yan'an Rd (W), Shanghai 200052, P.R.China

www.jeom.org E-mail: zazhi2@scdc.sh.cn Tel (Fax): 86-21-62084529

Distributed by Shanghai Distributor Bureau for Newspapers and Periodicals/China International Book Trading Corporation

Printed by Changshu Education Printing Co., Ltd., Jiangsu Province

Copyright© by Shanghai Municipal Center for Disease Control and Prevention