



ISSN Q K 1 8 2 3 6 6 2
CN 41-1192/R

中国卫生检验杂志

ZHONGGUO WEISHENG JIANYAN ZAZHI

2018年5月 第28卷 第10期

May.2018 Vol.28 No.10

国家卫生和计划生育委员会主管
中华预防医学会主办

CHINESE
JOURNAL OF HEALTH
LABORATORY TECHNOLOGY

CJ
HLT

RCCSE 中国核心学术期刊

中国生物医学源期刊

美国化学文摘(CA)源期刊

中国学术期刊综合评价数据库源期刊

10
2018

ISSN 1004-8685



10>

9 771万磅数据 187

中华预防医学学会系列杂志
SERIAL JOURNAL OF CHINESE PREVENTIVE MEDICINE ASSOCIATION

中国卫生检验杂志

ZHONGGUO WEISHENG JIANYAN ZAZHI

半月刊 1991 年创刊 第 28 卷 第 10 期 2018 年 5 月 25 日出版

主 管

中华人民共和国国家卫生和计划生育委员会
100044, 北京市西城区西直门外南路 1 号

主 办

中华预防医学会
100021, 北京市朝阳区华威里 25 号 5 层

社长总编

张绍武

副社长

张 甜 姜友珍

副总编

郁庆福 李桂英 张克荣

编辑部主任

杨 锋

编 辑

中国卫生检验杂志编委会

出 版

中国卫生检验杂志社
450003 郑州市经一路 12 号 2288 信箱

编辑部电话

0371 - 65978342
0371 - 65968289 (传真)

广告部电话

0371 - 65998851
15538110112

发 行

国内发行: 北京市邮政局
邮发代号: 80 - 152
国外发行: 中国国际图书贸易总公司
(北京 399 信箱)
国外发行代号: M5752

中国标准连续出版物号

ISSN 1004 - 8685
CN 41 - 1192/R

广告经营许可证号

4100004000124

2018 年版权归中国卫生检验杂志社所有

定 价

每期 38 元

目 次

论 著

- 同位素稀释 - 固相萃取 - 超高效液相色谱 - 串联质谱法测定食品中双酚 A 和双酚 S 张艳, 吴海龙, 冯翠霞, 等 (1153)
侧脑室内注射神经肽 S 对瑞芬太尼痛觉过敏小鼠镇痛效果的研究
..... 马婷婷, 王冬冬, 周程 (1157)
吉林省一起急性胃肠炎暴发中诺如病毒的基因特征
..... 李响, 吴东林, 靳森, 等 (1162)

化学测定方法

- 工作场所 18 种挥发性有机污染物的气相色谱快速测定方法
..... 李纲, 钱国英, 秦延平, 等 (1169)
固相萃取 - 超高效液相色谱 - 串联四级杆质谱法测定水果中 5 种植物
生长调节剂 梁素丹, 陈剑刚, 张艳 (1173)

实验研究

- 人类白细胞表面抗原 DR 在呼吸机相关性肺炎患者中的表达及意义
..... 汪文寰, 林敏, 金献冠, 等 (1177)

本刊编委	(排名按笔画排列)	螺内酯对糖尿病肾病大鼠肾脏 CRKs 与 GPR17 表达的影响与意义
丁家华	仓公敖	方赤光	王 昱
王 哲	王大宁	王志玉	王京宇
王凯娟	王栩东	毋福海	冯晓燕
叶能权	毕永毅	刘玉龙	刘运德
刘秀梅	刘殿武	吕玉民	吕昌银
祁建城	任一平	孙长颤	孙成均
许春向	陈守建	何建国	何浙生
何晓青	李 蓉	李 磊	李明武
李晓虹	宋宏彬	吴清平	杨 元
张 蒙	张 曦	张贺秋	邹学贤
姜庆五	赵 卓	赵雁林	高永清
贾珍珍	栗文元	凌文华	栾 燕
徐东群	曹 佳	晁福寰	崔 麟
常风启	黄国伟	康 辉	康维钧
韩玉霞	韩学尧	曾现伟	窦志勇
溥 萍	阙 翩	廖百森	裴少军
裴晓方	谭晓东	熊 英	潘 慧
冀元棠	穆新林		

Editorial Board Member

DING Jia - hua, CANG Gong - ao, FANG Chi - guang, WANG Min, WANG Zhe, WANG Da - ning, WANG Zhi - yu, WANG Jing - yu, WANG Kai - juan, WANG Xu - dong, WU Fu - hai, FENG Xiao - yan, YE Neng - quan, BI Yong - yi, LIU Yu - long, LIU Yun - de, LIU Xiu - mei, LIU Dian - wu, LV Yu - min, LV Chang - yin, QI Jian - cheng, REN Yi - ping, SUN Chang - hao, SUN Cheng - jun, XU Chun - xiang, CHEN Shou - jian, HE Jian - guo, HE Zhe - sheng, HE Xiao - qing, LI Rong, LI Lei, LI Ming - wu, LI Xiao - hong, SONG Hong - bin, WU Qing - ping, YANG Yuan, ZHANG Meng, ZHANG Xi, ZHANG He - qiu, ZOU Xue - xian, JIANG Qing - wu, ZHAO Zhuo, ZHAO Yan - lin, GAO Yong - qing, JIA Zhen - zhen, LI Wen - yuan, LING Wen - hua, LUAN Yan, XU Dong - qun, CAO Jia, CHAO Fu - huan, CUI Wei, CHANG Feng - qi, HUANG Guo - wei, KANG Hui, KANG Wei - jun, HAN Yu - xia, HAN Xue - yao, ZENG Xian - wei, DOU Zhi - yong, PU Ping, KAN Biao, LIAO Bai - sen, PEI Shao - jun, PEI Xiao - fang, TAN Xiao - dong, XIONG Ying, PAN Hui, JI Yuan - tang, MU Xin - lin	李桂军,周建娟 (1188)
2008 年 - 2016 年临床分离革兰阳性球菌的分布及耐药性分析		
..... 费樱,刘晓丹,刘宝,等 (1193)		
老年心功能不全合并医院获得性肺炎患者感染病原菌的分布及耐药性分析		
..... 龚铭,潘嘉西,匡永东 (1197)		
公共场所集中空调水系统中嗜肺军团菌传统分离和 PCR 检测		
..... 包芳珍,黄世旺,方叶珍,等 (1200)		

临床检验

输卵管炎症患者中性粒细胞胞外陷阱表达及其机制研究		
..... 林珍云,费小阳,陈豪 (1203)		
传染性单核细胞增多症儿童外周血 T 细胞亚群的变化及意义		
..... 邢超,邵美娟,杨建环,等 (1206)		

网 址

www.zgwsjy.cn

投稿电子信箱

wsjyzz@126.com

印 刷

鑫宏源印刷包装有限责任公司

来稿咨询电话

010 - 84030401

- 降钙素原在阑尾炎诊断及病情评估中的价值 庄国华,施前锋,孙爱华 (1209)
- 可溶性细胞间黏附分子 -1 和 E - 选择素水平在急性冠脉综合征心肌梗死患者中的临床意义 徐黔宁,刘东红,闫李侠,等 (1212)
- 正畸微种植体植入早期牙周组织凋亡相关蛋白 Bcl - 2 和 Bax 的表达及意义 陈昌晖 (1214)
- 降钙素原和 C - 反应蛋白在呼吸机相关性肺炎患者中的临床效果研究 高娅,王婷 (1218)
- 肝动脉栓塞化疗术后甲胎蛋白变化与疗效的相关性分析 崔怀中,王妙婵,徐爱芳,等 (1220)
- 埃克替尼靶向治疗对老年非小细胞肺癌患者免疫功能及血清肿瘤标志物的影响 王忻妍,朱建伟 (1223)
- 结核感染 T 细胞斑点试验在肺外结核病中的诊断价值 王香梅,单小云,朱以军 (1226)
- 血液透析对尿毒症患者免疫功能及血清脂蛋白的影响 柳亿,陈建国 (1229)
- 降钙素原和 C - 反应蛋白检测在感染性腹泻诊断中的临床价值 吴中平,吴晓茹 (1232)
- 冠心病患者血浆 N - 末端促生长抑素水平变化及其临床意义 胡军民,王世俊,黄伟萍,等 (1235)
- 胆管结石合并胆管炎患者肿瘤标志物和肝酶谱的检测及临床意义 高东生,陈中朝,李勇攀,等 (1238)
- 降钙素原和血清淀粉样蛋白 A 检测在恶性血液病早期细菌感染中的意义 王小娟,施金俏,匡跃敏 (1240)

调查 · 监测

- 放射介入工作人员 DNA 甲基化和染色体损伤影响因素分析 闫鹏,郑代丰,章群,等 (1244)
- 急性脑卒中并发肺部感染的相关因素及病原菌特点分析 宋铃铃,张新蔚,冀磊,等 (1247)
- 457 例难治性梅毒患者特征分析 叶瑜剑,刘继峰,许爱娥 (1250)

- 一起肠炎沙门菌引起食物中毒的病原学分析 刘佳,夏玛丽,胡俊 (1254)
- 温州地区胆囊结石病相关危险因素的分析 侯玲玲,吴小乐,李依婷,等 (1256)
- 曲美他嗪联合阿托伐他汀治疗老年冠心病心功能不全患者的临床观察 邹何慧 (1259)
- 台州市新增 RhD 阴性血型无偿献血者的调查分析 王佩捷,王玲娥,杨光远 (1262)
- 本院 2013 年 - 2015 年乙型肝炎两对半检测结果分析及表面抗原钩状效应的处理 邓涛 (1264)
- 2017 年潍坊市对首例 H7N9 禽流感疫情应急监测结果分析 张凤娟,丁彦红,李琳,等 (1267)
- 超声软指标联合孕中期血清三联筛查出生缺陷的应用价值 陈羽,邬贤凤,徐海耿 (1270)
- 怀化地区女性人乳头状瘤病毒基因型调查分析 梁明星,廖晓敏,赵倩,等 (1273)

综 述

- 水环境中有机氯农药残留检测方法研究进展 陈翊,张玉,李正 (1277)

责任编辑 杨锋 责任校对 刘迪 英文编辑 张蒙

CHINESE JOURNAL OF HEALTH LABORATORY TECHNOLOGY

Semimonthly Established in 1991, Volume 28 Number 10 May 25, 2018

Managed by

National Health and Family Planning Commission
of the People's Republic of China
No. 1, Xizhimen Wainan Road, Xicheng District, Beijing, 100044

Sponsored by

Chinese Preventive Medicine Association
Floor 5, No. 25 Huaweli, Chaoyang District, Beijing, 100021

Editor in Chief

ZHANG Shao - wu

Deputy Chairman

ZHANG Tian, JIANG You - zhen

Associate Editor in Chief

YU Qing - fu, LI Gui - ying, ZHANG Ke - rong

Director of Editorial Department

YANG Feng

Edited by

Editorial Board of Chinese Journal of Health Laboratory Technology

Editorial Department of Chinese Journal of Health Laboratory Technology
Mailbox 2288, No. 12, Jingyi Road, Zhengzhou, 450003

Editorial office telephone

0371 - 65978342
0371 - 65968289 (Fax)

Advertising department telephone

0371 - 65998851
15538110112

Domestic Distributor

Beijing Post Bureau
Code: 80 - 152

Overseas Distributor

China International Book Trading Corporation
(P. O. Box 399, Beijing, China)
Code: M5752

Website

www.zgwsjy.cn

E - mail

wsjyzz@126.com

Standard Series Number

ISSN 1004 - 8685
CN 41 - 1192/R

Advertising Management License

4100004000124

Copyright 2018 by Editorial Department of
Chinese Journal of Health Laboratory Technology

Price

RMB ¥38

CONTENTS IN BRIEF

Original Articles

- Determination of bisphenol A and bisphenol S in food by isotope dilution – solid phase extraction – ultra performance liquid chromatography – tandem mass spectrometry ZHANG Yan, WU Hai - long, FENG Cui - xia, *et al* (1153)
- The analgesic effect of intracerebroventricular injection of neuropeptide S on remifentanil induced hyperalgesia in mice MA Ting - ting, WANG Dong - dong, ZHOU Cheng (1157)
- Molecular characteristics of norovirus in acute gastroenteritis outbreak in Jilin province LI Xiang, WU Dong - lin, JIN Miao, *et al* (1162)
- Rapid detection of food - borne disease caused by *Staphylococcus aureus* by multiplex PCR and analysis of enterotoxin resistance XUE Yun - hao, WU ling - ling, LI Yan - fen, *et al* (1166)
- ### Chemical Detection Method
- Rapid determination of 18 volatile organic compounds in workplace by gas chromatography LI Gang, QIAN Guo - ying, QIN Yan - ping, *et al* (1169)

- Determination of 5 plant growth regulators in fruits by solid phase extraction coupled with ultra - high performance liquid chromatography – tandem quadrupole mass spectrometry LIANG Su - dan, CHEN Jian - gang, ZHANG Yan (1173)

Experimental Study

- The expression and significance of human leukocyte antigen DR in the patients with ventilator associated pneumonia
..... WANG Wen - huan, LIN Min, JIN Xian - guan, et al (1177)
- Influence and significance of spiro lactone on kidney GRKs and GPR17 expressions of diabetic nephropathy rats
..... LU Yang, YANG Hong - yu, WU Ang (1180)

Microbe Detection Method

- Pollution distribution and characteristics of *Vibrio vulnificus* in anadara subcrenata from Zhoushan
..... CHEN Jia - bei, WANG Hong - ling, LUO Hong - yu, et al (1184)
- Inhibition of *G. vaginalis* biofilm formation by clindamycin combined with lactic acid, acetic acid and boric acid
..... LI Gui - jun, ZHOU Jian - juan (1188)
- Clinical distribution and drug resistance of Gram - positive cocci during 2008 – 2016
..... FEI Ying, LIU Xiao - dan, LIU Bao, et al (1193)
- Distribution and drug resistance of pathogens isolated from elderly patients with cardiac insufficiency and hospital acquired pneumonia GONG Ming, PAN Jia - xi, KUANG Yong - dong (1197)
- The traditional separation and PCR detection of *Legionella pneumophila* in central air conditioning water system in public buildings BAO Fang - zhen, HUANG Shi - wang, FANG Ye - zhen, et al (1200)

Clinical Laboratory Test

- Expression of neutrophil extracellular traps in salpingitis and its mechanism analysis
..... LIN Zhen - yun, FEI Xiao - yang, CHEN Hao (1203)
- Changes and significance of T cell subsets in peripheral blood of children with infectious mononucleosis syndrome
..... XING Chao, SHAO Mei - juan, YANG Jian - huan, et al (1206)
- The value of procalcitonin in the diagnosis and severity assessment of acute appendicitis
..... ZHUANG Guo - hua, SHI Qian - feng, SUN Ai - hua (1209)

- Clinical significance of soluble intercellular adhesion molecule - 1 and E - selectin levels in patients with coronary heart disease and acute myocardial infarction** XU Qian - ning, LIU Dong - hong, YAN Li - xia, *et al* (1212)
- Early expression and significance of Bcl - 2 and Bax in orthodontic micro - implant** CHEN Chang - hui (1214)
- Research on the clinical effect of procalcitonin and C - reactive protein in the patients with ventilator - associated pneumonia** GAO Ya, WANG Ting (1218)
- Correlation analysis of alpha fetoprotein changes and therapeutic effect after transcatheter arterial chemoembolization** CUI Huai - zhong, WANG Miao - chan, XU Ai - fang, *et al* (1220)
- Effect of icotinib targeted therapy on immune function and serum tumor markers in elderly patients with non small cell lung cancer** WANG Xin - yan, ZHU Jian - wei (1223)
- Diagnostic value of tuberculosis infection T cell spot test in extrapulmonary tuberculosis** WANG Xiang - mei, SHAN Xiao - yun, ZHU Yi - jun (1226)
- Effect of hemodialysis on immune function and serum lipoprotein in patients with uremia** LIU Yi, CHEN Jian - guo (1229)
- Clinical detection value of procalcitonin and C - reactive protein in the diagnosis of infectious diarrhea** WU Zhong - ping, WU Xiao - ru (1232)
- Level changes and its clinical significance of plasma N - terminal somatostatin in patients with coronary heart disease** HU Jun - min, WANG Shi - jun, HUANG Wei - ping, *et al* (1235)
- Detection and clinical significance of tumor markers and liver enzymes in patients with cholangiolithiasis complicated with cholangitis** GAO Dong - sheng, CHEN Zhong - zhao, LI Yong - pan, *et al* (1238)
- Significance of procalcitonin and serum amyloid A detection in early bacterial infection in patients with hematologic malignancies** WANG Xiao - juan, SHI Jin - qiao, KUANG Yue - min (1240)

Investigation and Monitoring

- Analysis of influencing factors of DNA methylation and chromosome damage in radiation intervention workers** YAN Peng, ZHENG Dai - feng, ZHANG Qun, *et al* (1244)

- Analysis of risk factor of acute stroke with pulmonary infection and the characteristics of pathogens**
..... SONG Ling - ling, ZHANG Xin - wei, JI Lei, et al (1247)
- Epidemiological analysis of 457 cases of refractory syphilis** YE Yu - jian, LIU Ji - feng, XU Ai - e (1250)
- Etiological analysis of a food poisoning caused by *Salmonella enteritidis*** LIU Jia, XIA Ma - li, HU Jun (1254)
- Analysis of related risk factors of gallstone in Wenzhou** HOU Ling - ling, WU Xiao - le, LI Yi - ting, et al (1256)
- Clinical observation of trimetazidine combined with atorvastatin in the treatment of elderly patients with coronary artery disease and cardiac insufficiency** ZHOU He - hui (1259)
- Investigation and analysis of new RhD negative blood donors in Taizhou**
..... WANG Pei - jie, WANG Ling - er, YANG Guang - yuan (1262)
- Analysis of two and a half pairs of hepatitis B in our hospital from 2013 to 2015 and treatment of hook - like effect of surface antigens** DENG Tao (1264)
- Analysis of emergency surveillance results of epidemic situation of H7N9 in Weifang in 2017**
..... ZHANG Feng - juan, DING Yan - hong, LI Lin, et al (1267)
- Application value of ultrasonic soft index combined serum triad indicators during pregnancy in the screening of birth defect** CHEN Yu, WU Xian - feng, XU Hai - geng (1270)
- Investigation and analysis of human papillomavirus genotypes of women in Huaihua**
..... LIANG Ming - xing, LIAO Xiao - min, ZHAO Qian, et al (1273)

Editor in Charge YANG Feng

Responsibility of Proofreading LIU Di

English Editor ZHANG Meng

聚焦区域医学检验中心

美康生物与医院共建区域医学检验中心，提供一站式集约化系统服务

以IVD产品为核心，科研+产品+大数据+服务一体化



信息化



冷链物流



质量完善



科研技术雄厚



综合产业健全



产品丰富



行业优势

响应分级诊疗

以强基层为重点完善分级诊疗服务体系



明确各级各类医疗机构
诊疗服务功能定位。



加强基层医疗卫生人才
队伍建设。



大力提高基层医疗卫生
服务能力。



全面提升县级公立医院
综合能力。



整合推进区域医疗资源
共享。



加快推进医疗卫生信息
化建设。