

ISSN 1005-0256

CN11-3262/G8

BULLETIN



OF SPORT SCIENCE & TECHNOLOGY

# 体育科技

## 文献通报

国家体育总局主管

国家体育总局体育信息中心主办

7

2021年

第29卷

总344期

ISSN 1005-0256



07>

9 771005 025053



# 体育科技文献通报

Bulletin of Sport Science & Technology  
(月刊)

主管:国家体育总局  
主办:国家体育总局体育信息中心  
编辑:国家体育总局体育信息中心  
信息资源部  
出版发行:《体育科技文献通报》编辑部

主编:李业武  
副主编:李桂华  
执行主编:王金羽  
执行副主编:解文华 朱雷  
中英文总审:朱雷  
编务:于小兰

本期责编:解文华  
电 话:010-87183063

地 址:北京东城区体育馆路11号  
邮政编码:100061  
电 话:010-87183059  
传 真:010-87183061  
官网地址:<http://tykjwxtb.sport.gov.cn/>  
E-mail:tiyutongbao@sina.com  
国外发行:中国国际图书贸易总公司  
国外发行代号:M1984  
印 刷 者:廊坊市洪峰印刷有限公司

国际标准连续出版物号:ISSN 1005-0256  
国内统一连续出版物号:CN 11-3262/G8  
期刊出版许可证京期出证字第8262号  
广告许可证:京东工商广字第8067号

2021年第29卷第7期(总第344期)

2021年7月20日出版

定价:全年180元 单册:15元

万方数据

# CONTENTS

## 目 录

### 课题成果

- 1 东京奥运会延期举行对日本备战的利与弊分析 ..... 何文捷,王泽峰
- 4 韩国馆藏汉文武籍及其成书历程 ..... 袁晓辉,蔡艺
- 6 民族传统节庆体育旅游开发 SWOT 分析 ..... 李艳华,周平
- 8 我国电子竞技赞助市场的实证研究 ..... 郭新月,代方梅
- 11 湖南省城市老年人公共体育服务需求研究 ..... 熊悠然,刘周敏,蒋依俏
- 14 不同运营与管理模式下高校体育场馆财务制度管理探究 ..... 夏冬
- 17 体教融合模式下南京市后备人才培养研究 ..... 朱建国,周浩
- 21 校园足球工作的现实诉求与督导取向 ..... 孙荣会,梁艳茹,王永妍
- 26 “互联网+”新体育课程的开发与应用研究 ..... 郭海峰,张令,裴晓雨
- 29 “停课不停学”背景下大学体育在线教学方案窥探 ..... 艾安丽
- 31 高校体育工作协同管理机制研究 ..... 掌玉宏
- 33 大数据时代体育产业发展的机遇与路径选择 ..... 张文贤,杨品臣
- 36 张謇救亡图强之国民健康思想与贡献 ..... 王立华,律海涛,王治国
- 38 喀什地区体育旅游项目的调查研究 ..... 刘永光,潘道雍
- 41 关于大学生体质健康与生活状态的调查研究 ..... 田野
- 43 “后疫情”时代民族体育赛事旅游的 SWOT 分析 ..... 常子健,马元琪
- 46 体育融入茶马古道雅安段的设计 ..... 张旭乾,刘骞
- 50 不同运动水平青少年篮球运动员天赋发展特征研究 ..... 李亚伟
- 53 世界青年无线电测向锦标赛发展研究 ..... 余永乐
- 57 初中独生子女锻炼动机的影响因素研究 ..... 刘进,王冬慧,王超,等
- 59 山西省射击运动员人格特征的分析研究 ..... 张海莉
- 63 新媒体对中国武术传播的影响研究 ..... 韩星,常子健
- 66 发挥优秀退役运动员专业优势 助力中小学校园竞技体育发展 ..... 刘乐融,唐东阳,邱莹,等
- 69 2019 年跆拳道世锦赛男子 63kg 级冠军赵帅技战术运用分析 ..... 马俊龙,施文敏,付雯
- 73 我国校园足球的热点研究 ..... 孙楚,郭兆霞
- 75 教育产业化的体智能课程对幼儿体质的影响研究 ..... 罗燕,龚晓明,陈彦庆,等
- 77 广西桂林高校“国标”气排球课程推广研究 ..... 易芳
- 80 2019 年男篮世界杯中国队与四强后卫攻防能力的比较研究 ..... 孟祥波
- 83 基于爱国主义教育理念的体育教学设计模型构建 ..... 李庆兵
- 85 不同年龄段的中老年人骨密度特点及其影响因素分析 ..... 闫平平,秦春莉,闫增印
- 88 基于Citespace 的国内体育领域肌电研究知识图谱分析 ..... 王相荣,李瑞奇
- 91 体力活动水平对中老年人群代谢状态和免疫机能的影响 ..... 胡立,王继,杨中亚,等

### 竞技论坛

- 92 我国优秀男子铁饼运动员辛佳准备阶段技术特征  
分析 ..... 赵文现  
95 第21届CUBA女篮四强攻防能力比较研究 ..... 邓元凯  
98 第12-15届世界健美操锦标赛有氧踏板成套动作  
分析 ..... 张灿  
100 第27-31届奥运会中长距离自由泳奖牌时空分布  
特征研究 ..... 何惠敏  
104 廖辉和石智勇上挺技术特征的对比分析  
..... 杨依顺,张春志,毕志远

### 教学探索

- 107 高校体育教学“立德树人”的路径探析 ..... 高洪杰  
109 SPARK课程对大学生社会适应能力影响的实验  
研究 ..... 杨静云  
111 “以体育人”驱动思想政治教育的研究  
..... 陈伟,赵丽  
114 混合式教学背景下的军事体育教学探析  
..... 王玮,张波,张超  
116 近二十年中小学体育课程衔接问题研究综述  
..... 杨晓芬,朱继华

### 群体研究

- 119 基于结构方程模型的大学生体育锻炼行为意图  
研究 ..... 符洪崧  
122 探初学者羽毛球正手高远球“逆向教程”教学模式  
..... 王荣  
124 基于板块周期理论广东省帆板运动队体能训练  
结构特征分析 ..... 曾爱华  
127 影响少儿体育舞蹈学习兴趣因素的研究 ..... 王维肖  
130 大学生练习中国传统导引术的心理体验与功效  
..... 曾洪发,刘芳,周紫微  
134 高校女生体质健康动态变化研究  
..... 赖丽丽,邹群海,徐广艳  
137 高中生参与校园篮球活动的行为特征研究  
..... 朱双元,唐海军  
141 盐城市小学一年级新生体质水平特征分析  
..... 王锴,赵李  
143 初中学生体质健康与文化成绩的相关性研究  
..... 朱婷,刘俊濠

- 145 中国女子七人制橄榄球运动员冬训期生理  
生化监控研究 ..... 李琛,张杰  
148 疫情背景下居民健康行为及情绪状态的调查研究  
..... 王婷,张思奇,武艳妮  
151 2016-2018年贵州医科大学医学生体质健康测试  
成绩追踪分析 ..... 朱琪,毛大雄,国伟  
154 头低位训练对体育专业学生血压变化特征研究  
..... 王雨生,郭太玮,孙明运  
158 新冠肺炎疫情下深圳市大学生体育锻炼的行为  
差异与动机研究 ..... 晏思怡,张得保

### 产业探讨

- 161 国内外体彩消费者研究现状分析:2009-2020 ..... 曾梓铭  
166 回顾与审思:我国全民健身志愿服务研究述评 ..... 陈星蓉

### 文化视野

- 170 热点与演进:体育伦理研究进展 ..... 李宏斌,赵晨雨  
174 锻炼与长寿 ..... 秦长辉,赵寒治,王哲

### 综述报告

- 177 和球运动在新疆农村全民健身中的价值研究  
..... 王强,聂武生  
179 “十三五”期间我国中职体育游戏研究现状分析  
..... 陈国海,赵文艳  
182 蹲踞式起跑“前后脚位置”争议技术问题的探讨  
..... 李丹萍,吴杰清  
184 国家队基础体能达标测试在省队参考执行时的  
考量 ..... 刘刚,温英英  
186 基于Citespace的国内体育学科核心素养的可视化分析  
..... 廖锦群,宋淑华,张滨,等  
188 运动促进人体健康的生理机制研究综述:  
基于BDNF的视角 ..... 马伟龙  
191 新手跑步者胫骨内侧应力综合症的研究进展  
..... 王卓然,李春光  
194 器械健身训练者FMS功能测试结果分析  
..... 闫燕青,吴远东,范丹丹,等  
196 加拿大身体素养测评体系的演变过程与启示  
..... 尹行,周珂  
199 少数民族地区校园篮球现状及发展对策研究 ..... 张学斌

# Bulletin of Sport Science & Technology

## Contents

### Subject Report

Analysis on the Advantages and Disadvantages of the Postponement of Tokyo Olympic Games to Japan's Preparation	He Wenjie, Wang Zefeng(1)
The South Korean Collection of Chinese Wushu Books and Their History of Production	Yuan Xiaohui, Cai Yi(4)
SWOT Analysis on Development of Traditional Festival Sports Tourism ——A Case Study of Xiangxi Prefecture	Li Yanhua, Zhou Ping(6)
An Empirical Study on E-sports Sponsorship Market in China ——Taking the S10 Global Finals as An Example	Guo Xinyue, Dai Fangmei(8)
Research on the Needs of Urban Elderly Public Sports Services in Hunan Province	Xiong Youran, Liu Zhoumin, Jiang Yiqiao(11)
Research on the Financial System Management of College Sports Venues under Different Operation and Management Modes	Xia Dong(14)
Research on the Cultivation of Reserve Talents in Nanjing under the Integration of Sports and Education	Zhu Jianguo, Zhou Hao(17)
The Practical Demands and Supervision Orientation of Campus Football	Sun Ronghui, Liang Yanru, Wang Yongyan(21)
Research on the Development and Application of Internet Plus New Physical Education Curriculum	Guo Haifeng, Zhang Ling, Pei Xiaoyu(26)
Exploration on College Sport Online Teaching Plan of University Physical Education under the Background of "Suspended Class, Ongoing Learning"	Ai Anli(29)
Study on the Cooperative Management Mechanism of Colleges Sport	Zhang Yuhong(31)
Opportunity and Path Choice of Sports Industry Development in Big Data Era	Zhang Wenxian, Yang Pinchen(33)
Zhang Jian's National Health Thoughts and Contribution to National Salvation	Wang Lihua, Lv Haitao, Wang Zhiguo(36)
Research on Sports Tourism in Kashgar	Liu Yongguang, Pan Daoyong(38)
Research on Physical Health and Living State of Colleges Students	Tian Ye(41)
SWOT Analysis of National Sports Events Tourism in the Post Epidemic Era ——Take Hexi Corridor as An Example	Chang Zijian, Ma Yuanqi(43)
Design of Integrating Sports into Ya'an Section of Tea-Horse Ancient Road	Zhang Xuqian, Liu Qian(46)
A Study on the Characteristics of Talent Development of Youth Basketball Players at Different Performance Levels	Li Yawei(50)
Research on the Development of the World Youth ARDF Championship	Yu Yongle(53)
Study on the Influencing Factors of Exercise Motivation of Junior Middle School Students from One Child Family	Liu Jin, Wang Donghui, Wang Chao, Feng Yaning, Dong Yaqi(57)
Analyze and Research on the Personality Characteristics of Shooters in Shanxi Province	Zhang Haili(59)
Research on the Influence of New Media on Chinese Wushu Communication	Han Xing, Chang Zijian(63)
Fully Utilizing the Professional Advantages of Outstanding Retired Athletes and Helping the Development of Competitive Sports in Primary and Secondary Schools ——Also on the Arrangement of Retired Elite Athletes	Liu Lerong, Tang Dongyang, Qiu Ying, Zeng Ouyuan(66)
Analysis on the Skills and Tactics of Zhao Shuai——63kg Champion of Men's Taekwondo World Championship in 2019	Ma Junlong, Shi Wenmin, Fu Wen(69)
Research on the Hot Spots of Campus Football in China ——Visual Analysis Based on Knowledge Graph	Sun Chu, Guo Zhaoxia(73)
Research on the Influence of Physical Intelligence Courses on Kids Physical Quality under the Background of Educational Industrialization	Luo Yan, Gong Xiaoming, Chen Yanqing, Xian Lianglei(75)
A Study on the Promotion of National Standard Gas Volleyball Courses in Universities in Guilin	Yi Fang(77)
A Comparative Study on Offensive and Defensive Ability between Chinese and the Final Four Guards in 2019 Men's Basketball World Cup	Meng Xiangbo(80)
Construction of Physical Education Teaching Design Model based on Patriotism Education Idea	Li Qingbing(83)
Analysis on the Characteristics of Bone Mineral Density and Its Influencing Factors among Middle-aged and Elderly People of Different Ages	Yan Pingping, Qin Chunli, Yan Zengyin(85)
Knowledge Map Analysis of Domestic Electromyography Research in Sports Based on Citespace	Wang Xiangrong, Li Ruiqi(88)
Effects of Physical Activity on Metabolic Status and Immune Function in Middle-aged and Elderly People	Hu Li, Wang Ji, Yang Zhongya, Zhang Long(91)

### Athletics Forum

Technical Features Analysis of Chinese Elite Men's Discus Thrower Xin Jia in the Preparation Stage	Zhao Wenxian(92)
Comparative Study on the Offense and Defense Ability of the Top four teams of the 21st CUBA Women Games	Deng Yuankai(95)
Analysis on the Complete Set of Aerobic Pedal Movements in the 12th to 15th World Aerobics Championships	Zhang Can(98)
Analysis on the Spatial-temporal Distribution Characteristics of Middle-to-Long Distance Freestyle Swimming Medals from 27th to 31st Olympic Games	He Huimin(100)
Comparative Analysis of Jerk Technical Characteristics of Liao Hui and Shi Zhiyong	Yang Yishun, Zhang Chunzhi, Bi Zhiyuan(104)

### Physical Education Teaching

On the Path of "Cultivating Morality and Cultivating People" in College Physical Education	Gao Hongjie(107)
Experimental Research on the Influence of SPARK Course on College Students' Social Adaptability	Yang Jingyun(109)

# Bulletin of Sport Science & Technology

- Research on Ideological and Political Education Driven by “Education via Sport” ..... Chen Wei,Zhao Li(111)  
Analysis of Military Physical Education under the Background of Mixed Teaching ..... Wang Wei,Zhang Bo,Zhang Chao(114)  
A Summary of the Research on the Connection of Physical Education Curriculum in Primary and Secondary Schools in Recent 20 Years ..... Yang Xiaofen,Zhu Jihua(116)

## Sport for all

- Study on the Behavior Intention of College Students’ Physical Exercise Based on Structural Equation Model ..... Fu Hongsong(119)  
An Introduction to the Teaching Model of “Reversed Course” in Badminton Forehand Deep High Stroke for Beginners ..... Wang Rong(122)  
Analysis on the Structural Characteristics of Physical Training of Guangdong Windsurfing Team Based on Block Periodization Theory ..... Zeng Aihua(124)  
A Study on the Influencing Factors of Children’s Interest in Sports Dance —Taking Children’s Sports Dance Training Institutions in Dongying as An Example ..... Wang Weixiao(127)  
Psychological Experience and Effects of College Students Practicing Chinese Traditional Daoyin ..... Zeng Hongfa,Liu Fang,Zhou Ziwei(130)  
Research on Dynamic Change of College Female Students Health Constitution —Take Nanchang Normal University as An Example ..... Lai Lili,Zou Qunhai,Xu Guangyan(134)  
A Study on the Behavior Characteristics of High School Students Participating in Campus Basketball Activities ..... Zhu Shuangyuan,Tang Haijun(137)  
Analysis on the Characteristics of Physical Level of Freshmen in Yancheng Primary School ..... Wang Kai, Zhao Li(141)  
Correlation Study on Junior High School Students’ Physical Health and Cultural Achievements ..... Zhu Ting,Liu Junhao(143)  
Study on Physiological and Biochemical Monitoring of Chinese Women Rugby Sevens during Winter Training ..... Li Chen,Zhang Jie(145)  
Investigation on Health Behavior and Emotional State of Residents During Epidemic ..... Wang Ting, Zhang Siqi, Wu Yanni(148)  
Guizhou Medical University Medical Students Physical Fitness Test Results Tracking Analysis from 2016 to 2018 ..... Zhu Qi,Mao Daxiong,Guo Wei(151)

- Study on the Characteristics of Blood Pressure Change of Sport Majors via Head Down Training ..... Wang Yusheng,Guo Taiwei,Sun Mingyun(154)  
A Study on the Behavior Differences and Motivations of Physical Exercises of College Students in Shenzhen under NCP Epidemic ..... Yan Siyi,Zhang Debao(158)

## Sport Industry

- Analysis of Domestic and Foreign Sports Lotteries Consumers Research Status: From 2009 to 2020 ..... Zeng Ziming(161)  
Review and Reflection:Research Summary on Volunteer Service of National Fitness in China ..... Chen Xingrong(166)

## Multicultural Sports

- Hotspot and Evolution: Research Development of Sports Ethics —Visual Analysis Based on Citespace ..... Li Hongbin,Zhao Chenyu(170)  
Exercise and Longevity ..... Qin Changhui,Zhao Hanzhi,Wang Zhe(174)

## Sport Review

- Study on the Value of Uniball Sports in the National Fitness in Rural Areas of Xinjiang ..... Wang Qiang,Nie Wusheng(177)  
Analysis of the Current Situation of Sports Game Research in Secondary Vocational Schools during the 13th Five – year Plan ..... Chen Guohai,Zhao Wenyan(179)

- Discussion on the Controversial Technical Issues of “Front and Back Foot Position” in Squatting Start ..... Li Danping,Wu Jieqing(182)  
Consideration on the Execution of National Team Basic Physical Fitness Test in Provincial Teams ..... Liu Gang,Wen Yingying(184)

- Visual Analysis of Core Literacy of Domestic Sports Disciplines Based on Citespace ..... Liao Jinqun, Song Shuhua, Zhang Bin, Li Jian(186)

- A Review of Research on the Physiological Mechanism of Exercise Promoting Human Health: from the Perspective of BDNF ..... Ma Weilong(188)

- Research Progress of Medial Tibial Stress Syndrome in Novice and Leisure Runners ..... Wang Zhuoran,Li Chunguang(191)

- Analysis of FMS Results of Equipment Fitness Participants ..... Yan Yanqing,Wu Yuandong,Fan Dandan,Wu Zhongxi(194)

- The Evolution and Enlightenment of the Canadian Body Literacy Assessment System ..... Yin Hang,Zhou Ke(196)

- A Study on the Current Situation and Development Countermeasures of Campus Basketball in Minority Ethnic Areas —A Case Study of Molida Daur Autonomous Banner ..... Zhang Xuebin(199)

## BULLETIN OF SPORT SCIENCE & TECHNOLOGY

Vol. 29, No.7, Jul. 2021

Administrated by General Administration of Sport of China

Sponsored by China Sport Information Center

Edited by Editorial Department of Bulletin of Sport Science & Technology

Address: 11 Tiyuguan Road, Beijing, P. R. China

ZIP Code: 100061

Tel:86-10-87183059/Fax: 86-10-87183061

E-mail: tiyutonghao@sina.com