

Київський університет імені Бориса Грінченка
Borys Grinchenko Kyiv University

№1 (7) 2022

Наукове електронне періодичне
видання

**СПОРТИВНА НАУКА ТА
ЗДОРОВ'Я ЛЮДИНИ**

Scientific E-Journal
**SPORT SCIENCE AND
HUMAN HEALTH**



ISSN 2664-2069 (online)
DOI: 10.28925/2664-2069.2022.1

Sport Science and Human Health:

The scientific electronic periodical journal. – K., 2022. – № 1(7). – 152 c.

The scientific electronic periodical journal 'Sports Science and Human Health' highlights the results of scientific research in different fields of sports, physical education, physical culture, sports medicine, physical therapy, ergotherapy, modern recreational and health-improving technologies, as well as research related to human health and those to be valuable for ensuring the innovative development of Ukraine.

The scientific journal is for scientists, coaches, athletes, researchers, teaching staff, doctoral students, graduate students, students of higher education in the field of physical education and sports, as well as specialists in health care, physical therapy, ergotherapy.

Editor-in-Chief: SUSHKO Ruslana, Prof. Dr (Ukraine)

Executive editors:

LATYSHEV Mykola, Dr Assoc. Prof (Ukraine);

Yarmoliuk Olena, Dr Assoc. Prof (Ukraine).

Editorial board:

ANTALA Branislav, Prof (Slovak Republic);

BARYSHOK Tetiana, Dr Assoc. Prof. (Ukraine);

BILETSKA Victoria, Dr Assoc. Prof. (Ukraine);

VYNOHRADOV Valeriy, Prof. Dr (Ukraine);

VYSOCHINA Nadiia, Prof. Dr. (Ukraine);

VOROBIOVA Anastasia, Dr Assoc. Prof. (Ukraine);

DEVICIOĞLU Sebahattin, Dr Hab Prof. (Turkey);

IVASCHENKO Sergiy, Prof. Dr. (Ukraine);

KOVALENKO Stanislav, Prof. Dr (Ukraine);

KORMILTCEV Volodymyr, Dr Assoc. Prof. (Ukraine);

LACZA Zsombor, Prof. Dr (Hungary);

LYSENKO Olena, Prof. Dr (Ukraine);

LOPATENKO Georgiy, Dr Assoc. Prof. (Ukraine);

NAVRATIL Leos, Prof., M.D., Ph.D (Czech Republic);

NESTERCHUK Natalia, Prof. Dr (Ukraine);

ODYNETS Tetiana, Assoc. Prof. Dr (Ukraine);

PITYN Marian, Prof. Dr (Ukraine);

POLEVAIA-SECAREANU Angela, Assoc. Prof. Dr (Moldova);

PRYHODKO Volodymyr, Prof. Dr (Ukraine);

SAVCHENKO Valentyn, Prof. Dr (Ukraine);

TALAGHIR Laurențiu-Gabriel, Prof., Dr Hab (Romania);

TYMRUK-SKOROPAD Kateryna, Prof. Dr. (Ukraine);

KHOROSHUKHA Mykhailo, Prof. Dr (Ukraine);

CINGIENE Vilma, Prof. Dr (Lithuania);

SHINKARUK Oksana, Prof. Dr (Ukraine);

YASKO Liliia Dr Assoc. Prof. (Ukraine).

The journal 'Sports Science and Human Health' is added to the list of the Ukrainian scientific professional journals of category "B" in which results of dissertations for obtaining PhD degrees in a specialty 017 Physical culture and sports can be published by the Law of the Ministry of Education and Science of Ukraine No 886 of July 02, 2020.

The journal 'Sport Science and Human Health' is indexed in IndexCopernicus, CrossRef, BASE, Google Scholar, WorldCat-OCLC, ResearchBib, ResearchGate, Bibliometrics of Ukrainian Science, Scientific Periodicals of Ukraine.

The journal is open for free access under the Attribution-NonCommercial-NoDerivatives 4.0 International (CC BY-NC-ND 4.0) license, which allows to freely distribute the published materials with mandatory reference to the author(s) of the original work and publication of the work in this edition.

The views expressed in this Journal are those of the authors who are responsible for the accuracy of the facts stated and the correctness of the citation.

The journal is recommended for publication by the Academic Council of Borys Grinchenko Kyiv University (protocol No 2 of April, 4, 2022).

Address: Marshala Timoshenka str., 13-B, Kyiv, 04212, Ukraine,

Telephone: +38 (063) 289-9-289, E-mail: journal.sshh@gmail.com

Web-site: sporthealth.kubg.edu.ua



CONTENTS

1. <i>Erkan Mert, Türkmén Ecem, Kesen Tolga Berkay, Munusturlar Süleyman.</i> Examining the impacts of recreational participation in terms of healthy life perception and different variables (<i>retracted</i>)	4
2. <i>Vykhliaiev Yurii.</i> Multivariable components of interests of personality as psychophysiology constituent of fitness and recreation	18
3. <i>Guo Pengcheng, Kong Xianglin, Dovahodko Natalia, Diachenko Andrii, Guo Renhao.</i> Systemic approach to the organization Of functional training of high-performance athletes	28
4. <i>Kokhanska Sofiia, Lopatenko Georgii.</i> The effect of score components on total score of athletes at the world age group competitions in trampoline gymnastics	46
5. <i>Latyshev Mykola, Boychenko Natalia, Shandrygos Victor, Tropin Yura, Starikov Volodymyr, Hryhorovych Oleksandr.</i> The migration influence on the results of wrestlers	57
6. <i>Nakonechnyy Roman, Khimenes Khrystyna, Kotov Serhii.</i> Modern ideas about the tactical training of young soccer players	66
7. <i>Savchenko Valentyn, Kharchenko Halyna, Buriak Olga, Omeri Iryna, Nevedomsjka Jevgenija, Tymchyk Olesia, Yatsenko Svitlana, Pogrebnyak Yuliya.</i> Human personal maturity and its relationship to integral conclusions about the functional state of the cardio-respiratory system	80
8. <i>Soronovych Igor, Di Huang, Khomiachenko Olesia, Diachenko Andrii.</i> Specific characteristics of stability of functional provision of special working capacity of dance athletes	98
9. <i>Khoroshukha Mykhailo.</i> Determination of physical performance in sports: Power-ergometry method (from the author's many years of experience)	110
10. <i>Yu Lyuwei, Karatnyk Ivan, Pityn Maryan.</i> Comparison of the heart rate of Ukrainian and Chinese badminton players aged 10-12 years within competitive activities	128
11. <i>Yasko Liliia, Sova Volodymyr.</i> Establishment and development of taekwondo in Ukraine	140