



Advances in Physical Education



Journal Editorial Board

ISSN: 2164-0386 (Print), 2164-0408 (Online) https://www.scirp.org/journal/ape

.....

Editorial Board

Prof. Nejc Šarabon University of Primorska, Slovenia

Prof. João Barreiros University of Lisbon, Portugal

Dr. Weiyun Chen University of Michigan, USA

Prof. Yung-Sheng Chen University of Taipei, Chinese Taipei

Dr. Felice Corona University of Salerno, Italy

Dr. Umberto Cesar CorrêaUniversity of Sao Paulo, Brazil

Prof. Arturo Díaz Suárez University of Murcia, Spain

Prof. Stuart Fairclough Liverpool John Moores University, UK

Dr. Coral Falcó Catholic University of Valencia, Spain

Dr. Xiangli GuUniversity of North Texas, USA

Prof. Mehmet Günay Gazi University, Türkiye

Prof. Vello HeinUniversity of Tartu, Estonia

Dr. Rainbow Tin Hung HoThe University of Hong Kong, China

Prof. Ramneek Jain Mewar University, India

Prof. Jinhong Jung North Carolina Central University, USA

Prof. Nicola Lovecchio University of Pavia, Italy

Prof. Enrique Ortega-Toro University of Murcia, Spain

Prof. Sergej M. Ostojic The University of Novi Sad, Serbia

Prof. Ratko Pavlović University of East Sarajevo, Bosnia

Prof. José Pino Ortega University of Murcia, Spain

Prof. Vincenzo Romano Spica University of Rome "Foro Italico", Italy

Prof. Italo SannicandroUniversity of Foggia, Italy

Prof. Brandon S. Shaw University of Johannesburg, South Africa

Prof. Ina Shaw University of Johannesburg, South Africa

Dr. David E. Sherwood University of Colorado, USA

Prof. William Ben Strean University of Alberta, Canada

Dr. Haichun SunUniversity of South Florida, USA

Dr. Philip Michael Wilson Brock University, Canada



ISSN Online: 2164-0408 ISSN Print: 2164-0386

Table of Contents

Volume 13 Number 2	May 2023
Categorizing Rhythmic Jumping Motion Using Motion Capture without Markers M. Mikami, N. Kida.	93
Impact of Manual Gravel Extraction on Practitioners' Body Composition and Spirometric Values	
Y. R. G. Alongo, I. S. Moussouami, F. Sompi, K. I. O. Assoba, G. E. R. O. Ibata	106
Five Weeks Cross-Training Effects on the Physical Performance of Elite Football Referees in Benin	
A. Tiama, B. A. Tonon, K. B. Nouatin, C. Quenum, A. Kaboré, P. Gouthon	119
Injuries Related to Wakeboarding in Brazil: A Cross-Sectional Study	
L. L. Decezaro, A. C. Benassi, A. Picolli, E. A. Galdeano, M. A. S. Munhoz	133
Ecological Dynamic Approach and Young Soccer Player Training: The Aim Is the Flexible Behavior	
I. Sannicandro.	142

Advances in Physical Education (APE) Journal Information

SUBSCRIPTIONS

The *Advances in Physical Education* (Online at Scientific Research Publishing, https://www.scirp.org/) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$79 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:

Copyright © 2023 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

http://creativecommons.org/licenses/by/4.0/

Copyright for individual papers of the journal:

Copyright © 2023 by author(s) and Scientific Research Publishing Inc.

Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

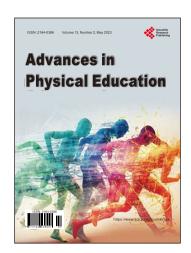
Disclaimer of liability

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for aparticular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: ape@scirp.org





Advances in Physical Education

ISSN: 2164-0386 (Print), 2164-0408 (Online)

https://www.scirp.org/journal/ape

Advances in Physical Education (APE) is an international journal dedicated to the latest advancement of physical education. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of physical education.

Subject Coverage

This journal invites original research and review papers that address the following issues in physical education. Topics of interest include, but are not limited to:

- Athletics and outdoor sports
- Biomechanics
- Exercise physiology
- Health education
- History of kinesiology
- History of physical education
- Human anatomy
- Human physiology
- Indoor and outdoor sports
- Motor control
- Motor development
- Motor learning
- National traditional sports

- PE learning outcomes
- PE pedagogy
- PE teachers career
- PE teachers working lives
- Philosophy of physical education, dance, sport and kinesiology
- Physical activity
- Sports health care
- Sports humanistic sociology
- Sports psychology
- Sports science
- Sports statistics
- Sports training study

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of the *APE*.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

https://www.scirp.org/journal/ape E-mail: ape@scirp.org

What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience





Website: https://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org