

Publisher:

Fakultet fizičkog vaspitanja i sporta, Univerzitet u Banjoj Luci
Faculty of Physical Education and Sports,
University of Banja Luka

Editor-in-chief

Slobodan Simović, *University of Banja Luka, BIH*

Editors

Milan Bošnjak, *University of Banja Luka, BIH*
Milan Čoh, *University of Ljubljana, SLO*
Proko Dragosavljević, *University of Banja Luka, BIH*

Editorial Board

Branislav Antala, *University of Bratislava, SVK*
Žarko Bilić, *University of Mostar, BIH*
Peter Bonov, *National Sports Academy, BUL*
Daniela Daševa, *National Sports Academy, BUL*
Predrag Dragosavljević, *University of Banja Luka, BIH*
José Fernandes Filho, *University of Estádio de São LAFIEX, BRA*
Zenfira Gasanova Matvejeva, *Russian State University of Physical Education, Sport, Youth and Tourism, RUS*
Ken Hardman, *University of Worcester, GBR*
Walter Ho, *University of Macau, CHN*
Martin Holzweg, *University of Humboldt Berlin, GER*
Slobodan Jarić, *University of Delaware, USA*
Igor Jukić, *University of Zagreb, CRO*
Edita Kastratović, *University of Belgrade, SRB*
Zdenka Krivokuća, *University of Banja Luka, BIH*
Mihajlo Mijanović, *University of Banja Luka, BIH*
Milena Mikalački, *University of Novi Sad, SRB*
Branimir Mikić, *University of Tuzla, BIH*
Dušan Mitić, *University of Belgrade, SRB*
Nicolae Ochiana, *University of Bacau, ROU*
Petar Pavlović, *University of Banja Luka, BIH*
Dragan Popović, *University of Pristina, SRB*
Milorad Prnjatović, *University of Haifa, ISR*
Izet Rađo, *University of Sarajevo, BIH*
Enric M. Sebastiani, *University of Ramon Llull, ESP*
José Antonio Pérez Turpin, *University of Alicante, ESP*
Claudie Scheuer, *University of Luxembourg, LUX*
Simo Vuković, *University of Banja Luka, BIH*
Dobrica Živković, *University of Niš, SRB*
Milan Žvan, *University of Ljubljana, SLO*

Advisory Board

Mirna Andrijašević, *University of Zagreb, CRO*
Vesna Babić, *University of Zagreb, CRO*
Ljubic Bačanać, *University of Belgrade, SRB*
Jasna Bajraktarević, *University of Sarajevo, BIH*
Snežana Bijelić, *University of Banja Luka, BIH*
Božo Bokan, *University of Belgrade, SRB*
Dobromir Bonacić, *University of Travnik, BIH*
Milovan Bratić, *University of Niš, SRB*
Stojan Burnik, *University of Ljubljana, SLO*
Radovan Čokorilo, *University of Novi Sad, SRB*
Milivoj Dopsaj, *University of Belgrade, SRB*
Višnja Đorđić, *University of Novi Sad, SRB*
Nikola Foretić, *University of Split, CRO*
Valentin Garkov, *National Sports Academy, BUL*
Slobodan Goranović, *University of Banja Luka, BIH*
Nikola Grujić, *University of Novi Sad, SRB*
Milan Gužvica, *University of Banja Luka, BIH*
Rašid Hadžić, *University of Montenegro, MNE*
Muriz Hadžikadunić, *University of Sarajevo, BIH*
Ivica Hrnjelovjević, *University of Sarajevo, BIH*
Jelena Ilić, *University of Belgrade, SRB*
Aleksandar Jakovljević, *University of Banja Luka, BIH*
Saša Jakovljević, *University of Belgrade, SRB*
Vladimir Jakovljević, *University of Kragujevac, SRB*
Slavica Jandrić, *University of Banja Luka, BIH*
Nenad Janković, *University of Belgrade, SRB*

Dragan Jocić, *University of Belgrade, SRB*
Draženko Jorgić, *University of Banja Luka, BIH*
Veselin Jovović, *University of Montenegro, MNE*
Irina Juhas, *University of Belgrade, SRB*
Goran Kasum, *University of Belgrade, SRB*
Miodrag Kocić, *University of Niš, SRB*
Vladimir Koprivica, *University of Belgrade, SRB*
Braco Kovačević, *University of Banja Luka, BIH*
Miloš Kukolj, *University of Belgrade, SRB*
Dušanka Lazarević, *University of Belgrade, SRB*
Ljubiša Lazarević, *University of Belgrade, SRB*
Blaž Lesnik, *University of Ljubljana, SLO*
Saša Marković, *University of Niš, SRB*
Amela Matavulj, *University of Banja Luka, BIH*
Branka Matković, *University of Zagreb, CRO*
Bojan Matković, *University of Zagreb, CRO*
Milan Mihajlović, *Megatrade University, SRB*
Slađana Mijatović, *University of Belgrade, SRB*
Drago Milošević, *University of Nikšić, MNE*
Zoran Milošević, *University of Novi Sad, SRB*
Marijana Mladenović, *University of Belgrade, SRB*
Slavko Molnar, *University of Novi Sad, SRB*
Vladimir Mutavdžić, *University of Niš, SRB*
Aleksandar Naumovski, *University of Skopje, MKD*
Dragan Nejić, *University of Niš, SRB*
Goran Nešić, *University of Belgrade, SRB*
Milan Nešić, *EDUCONS University, SRB*
Đorđe Nićin, *University of Apetron, SRB*
Milena Pašić, *University of Banja Luka, BIH*
Tomaž Pavlin, *University of Ljubljana, SLO*
Dušan Perić, *University of Belgrade, SRB*
Borko Petrović, *University of Banja Luka, BIH*
Drena Trkulja Petković, *University of Zagreb, CRO*
Nenad Ponorac, *University of Banja Luka, BIH*
Ivan Prskalo, *University of Zagreb, CRO*
Sanja Radetić-Lovrić, *University of Banja Luka, BIH*
Jaroslava Radojević, *University of Belgrade, SRB*
Dragan Radovanović, *University of Niš, SRB*
Nela Rašeta, *University of Banja Luka, BIH*
Veroljub Stanković, *University of Pristina, SRB*
Đorđe Stefanović, *University of Belgrade, SRB*
Slobodan Stojiljković, *University of Niš, SRB*
Marko Stojanović, *University of Novi Sad, SRB*
Nenad Suzić, *University of Banja Luka, BIH*
Tatjana Trošt Bobić, *University of Zagreb, CRO*
Nenad Trunić, *University of Belgrade, SRB*
Duško Vejnović, *University of Banja Luka, BIH*
Dragoljub Višnjić, *University of Belgrade, SRB*
Milenko Vojvodić, *University of Banja Luka, BIH*
Ivana Zečević, *University of Banja Luka, BIH*
Marko Zeljković, *University of Banja Luka, BIH*
Nenad Živanović, *University of Niš, SRB*

Assistant Editors

Adriana Lukčić, *University of Banja Luka, BIH*
Kristina Pantelić, *University of Banja Luka, BIH*
Željko Sekulić, *University of Banja Luka, BIH*
Gorana Tešanović, *University of Banja Luka, BIH*

Language Editors

Dalibor Kesić, *Banja Luka, BIH (English)*
Tatjana Marić, *Banja Luka, BIH (Serbian)*
Milan Vinčić, *Banja Luka, BIH (English)*

Library Consultants

Bojana Milošević, *Banja Luka, BIH (UDK, COBISS-ID)*
Duško Šijvić, *Banja Luka, BIH (DOI deposits)*

Secretary Board

Branka Plavšić, *Banja Luka, BIH*
Vanja Kosić, *Banja Luka, BIH*

Web site

Jovana Danilović, *Banja Luka, BIH*

Printed by

Grafid, *Banja Luka, Bosnia and Herzegovina*

Copies

500

Editorial Office

Fakultet fizičkog vaspitanja i sporta / Faculty of Physical Education and Sports
Univerzitet u Banjoj Luci / University of Banja Luka
Bulevar Vojvode Petra Bojovića 1A
78000 Banja Luka
Bosnia and Herzegovina
Phone/Fax: 00387 (0)51 31 22 80
E-mail: ffvis@blic.net
Web site: <http://sportlogia.com> (full text available free of charge)

Abstract or Indexed in:

Academic Search Premier, CAB Abstracts, DOAJ, EBSCO SPORTDiskus with Fulltext, EBSCOhost Research Databases, Fulltext Sources Online, Global Health, Google Scholar, Index Copernicus, INASP - International Network for the Availability of Scientific Publication, Open Access Map, Open J-gate, Science Gate, WorldCat.

Catalogued in:

Bentley University, Biblioteca Victoria de Sá - Biblioteca Universitaria, Brown University Library, Butler University Libraries, California Polytechnic State University - Robert E. Kennedy Library, Central Michigan University, Central Taiwan University of Science Technology Library, Cha Yung University of Technology Library, COBISS.ba, COBISS.si, Deets Library Southwestern College, De-Yeh University Library, Electronic Journals Library - Regensburg, Feng Chia University, Geneva foundation for medical education and research, German Sport University Cologne, Georgetown University, GrandValley State University, Henderson™ State University, Höghskolan I Borås Bibliotek & Läranderesursers, Journal Finder (Everest University Tampa Library, Brescia University Library), Kaohsiung Medical University Library E-Journals System, Kun Shan University, Langara - The College of Higher Learning, Lund University, Macao Polytechnic Institute Library, Mercyhurst College Hammerrail Library, MONASH University Library, National Library of Sweden, Nationa Yunlin University of Science and Technology, NHS Scotland Knowledge Network, NIU, New York University Libraries, Northern Illinois University, Open Access Journal Search Engine (OAJSE), Proach, San José State University, Staatsbibliothek zu Berlin, StarCounter, Technical TU Clausthal, Universidad del País Vasco, University Berlin, Université de Neuchâtel, Université de Lyon, Universiteit Utrecht, Universiteit Tromsø Universitetsbiblioteket, University Library Hamburg, University of Applied Sciences and Arts Hannover, University of Hong Kong, University of Indianapolis, University of New Hampshire, University of Saskatchewan, University of Teesside, University of Utah, University of Washington, University of The West of England - Bristol, Univerza v Ljubljani, Univerzitet Bibliothek Stuuugart, Univerzitet Wrocławski, USNO James Melville Gilliss Library, Virginia Commonwealth University, Vrije Universiteit Amsterdam, Vrije Universiteit Brussel, York University, Washington State University, Winthrop University, Wissenschaftszentrum Berlin für socialforschung, Wittenberg University

SportLogia journal (print ISSN 1986-6089, e-ISSN 1986-6119, CD-ROM ISSN 1986-6097) is published two times in one volumen per year (every June and December) by Faculty of Physical Education and Sports, University of Banja Luka, Bulevar Vojvode Petra Bojovića 1A, 78000 Banja Luka, Bosnia and Herzegovina. Subscriptions are available on a calendar year basis for 25 euros, one issue 15 euros + post-office delivery costs. Printed in Bosnia and Herzegovina. According to Ministry of science and technology in Government of Republic of Srpska SportLogia Journal is the best scientific journal in our country. SportLogia Journal won the first prize in the Festival of science under the patronage of Ministry of science and technology in 2011.