

SCIENTIFIC PRODUCTION

Full professor *Ph.D. Zoran B. Pajić*

M70

Graduate, master's and doctoral theses:

1. **Pajić Z. (1985)** SPORTS SCHOOL OF VOLLEYBALL. Graduation thesis. Faculty of Sports and Physical Education, University of Belgrade.
2. **Pajić Z. (1996)** STRUCTURE OF A COMPUTER-SUPPORTED SPORTS STATUS CONTROL SYSTEM. Master's thesis. Faculty of Sports and Physical Education, University of Belgrade.
3. **Pajić Z. (2006)** EFFECTS OF APPLICATION OF INERTION LOADS ON MOTOR, MORPHOLOGICAL AND BIOMECHANICAL PERFORMANCE OF RUNNING AT MAXIMUM SPEED. Doctoral thesis. Faculty of Sports and Physical Education, University of Belgrade.
4. **Pajić Z. (2008)** FLEXIBILITY OF FOOTBALLERS. Graduation thesis. Personnel Center. Faculty of Sports and Physical Education, University of Belgrade.

Practicums and textbooks:

1. **Pajić, Z. (2004)** Fitness preparation of tennis players with the basics of Anthropomotorics - theoretical part. The script. High school for sports coaches, Belgrade.
2. **Pajić, Z. (2004)** Fitness preparation of tennis players with the basics of Anthropomotorics - practical part. The script. High school for sports coaches, Belgrade.
3. **Pajić Z. (2014)** Anthropomotorics - theoretical part. Script, author's edition. Center for Continuing Education. Belgrade: Faculty of Sports and Physical Education.

M42

1. **Pajić, Z. (2008)** Fitness preparation of tennis players. 1st edition Belgrade: Faculty of Sports and Physical Education, 106 pages, illustr. ISBN 978-86-80255-38-5. [COBISS.SR-ID 152605708] University higher education textbook with review.
2. **Pajić Z. (2022)** Agility in sport. Faculty of Sports and Physical Education, University of Belgrade, 234 pages. ISBN 978-86-89773-72-9. [COBISS.SR-ID 63729417]. Monograph of national importance.

3. **Pajić Z. (2022)** POST-ACTIVATION POTENTIATION: NEURO-MUSCULAR PHENOMENON OF CONDITIONING TRAINING. Faculty of Sports and Physical Education, University of Belgrade. 192 pp., ISBN 978-86-89773-73-6. [COBISS.SR-ID 63734025]. Monograph of national importance.

M22

1. Jakovljevic, S., Karalejic, M., **Pajic, Z.**, Macura, M., Erculj, F. **(2011)** Speed and agility of 12 and 14 old elite male basketball players. *Journal of Strength and Conditioning Research*. 2011 Nov 5.

M23

1. D. Gavrilovic, A. Petrovic, M. Dopsaj, G. Kasum, **Z. Pajic** and V. Koprivica **(2016)** Work and rest peak heart rate variability response during the different technical-tactical situation at elite kick-boxers. *International Journal of Performance Analysis in Sport*, 16, pp. 96-110.
2. Sasa Jakovljevic; Marija Macura; Mandic Radivoj; Nenad Jankovic; **Zoran Pajic** & Frane Erculj **(2016)** Biological Maturity Status and Motor Performance in Fourteen-Year-old Basketball Players. *International Journal of Morphology*, volume 34, issue 2, 2016.
3. Dopsaj, M., **Pajic, Z.**, Kocic, A., Erak, M., Pajkic, A., Vicentijevic, A., ... & Bozovic, B. **(2021)**. Profile for Body Fat Percentage of Serbian Working Population, Aged from 18 to 65, Measured by Multichannel Bioimpedance Method. *International Journal of Morphology*, 39(6).
4. Simović, S., Komić, J., Guzina, B., **Pajić, Z.**, Karalić, T., & Pašić, G. **(2020)**. Difference-based analysis of the impact of observed game parameters on the final score at the FIBA Eurobasket Women 2019. *Journal of human sport & exercise*, 16(2), pp 373-387.

M24

1. **Pajić, Z. (1996)** The place and the role of the applicative software in the structure of the system for operating the sport form. *Facta Universitatis*, vol 1 No 3(71:83).
2. Jakovljevic, S., Karalejic, M., **Pajic, Z.**, Gardasevic, B., Mandic, R. **(2011)** The influence of anthropometric characteristics on the agility abilities of 14 year-old elite male basketball players. *Facta Universitatis – Series Physical Education and Sport*, 9(2):141-149.
3. Sasa Jakovljevic, **Zoran Pajic**, Branko Gardasevic, Nenad Jankovic **(2015)** The impact of stationary ball-handling drills on fundamental offensive basketball skills in 13 and 14-year-old basketball players. *Facta universitatis Series: Physical Education and Sport Vol. 13, No 3*, pp. 393 – 402
4. Jakovljević, S. **Pajić, Z.** Gardašević, B. **(2015)** The influence of selected cognitive abilities on the efficiency of basketball players. *Facta Universitatis: Series Physical Education and Sport 2015 Vol.13 No.2 pp.283-290 ref.36*
5. A. Đorđević, S. Jakovljević, **Z. Pajić**, A. Nikolić **(2016)** Speed-strength abilities and morphological characteristics of basketball players aged 10 and 11. *Fizička kultura 70, no. 1*

(2016): 46-54.

6. Simović, S., Komić, J., Guzina, B., **Pajić, Z.**, Vojvodić, M. (2019) Influence of game-related statistical elements on final results in fiba eurobasket women 2017, *Facta universitatis, Series: Physical Education and Sport*, Vol. 16, No 4, 2018, pp. 709 – 723.
7. Simović, S., Komić, J., Matković, B., **Pajić, Z.**, Guzina, B. (2019) Analysis of Influence of Basketball Game-Related Statistics on Final Result Based on Differences at the 2017 FIBA Asia Cup. *Asian J Sports Med.* 2019; 10(1):e69109.
8. **Pajić, Z.**, Simović, S., & Dopsaj, M. (2022). Standardized planned agility tests in young football players: mathematical modeling in the function of defining physical potential. *Facta Universitatis, Series: Physical Education and Sport*, 245-256.
9. Simović, S, Jovanović, F., Komić, J., Matković, B and **Pajić, Z.** (2019) Quantitative analysis of 2017 fiba zone championships based on a discriminant regression model, *International Journal of Recent Scientific Research*, Vol. 10, Issue, 09(B), pp. 34607-34617.
10. **Zoran Pajic**, Milivoj Dopsaj, Sasa Jakovljevic and Marija Andjelkovic (2022). Body mass index in determination of the relationship between body constitution and motor abilities. *Physical Culture*, ()

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1. **Pajić, Z.** (1996) The structure of a computer-aided system for controlling the sports status of tennis players. *Physical Culture*, 3 (166: 178).
2. **Pajić Z.** (1998) Relations of motor, morphological and biomechanical variables with maximum speed motion performance, *Fizička kultura* 2,3 and 4 (143: 153).
3. **Pajić, Z.** (2000) Influence of inertial load on adaptation processes when running at different speeds. *Physical Culture*, Belgrade, Vol. 54, no. 1-4, pp. 46-56.
4. Jakovljevic, S., Karalejic, M., **Pajic, Z.**, Gardasevic, B., Mandic, R. (2011) Influence of anthropometric characteristics on the speed abilities of 14 year-old elite male basketball players. *Journal of Physical Education and Sport*, 11(2):111-116.
5. **Pajic, Z.**, Preljevic, A., Kostovski, Z. (2011) Effects of the application of inertial loads on the morphological performances in the stage of running development at maximum speed. *Sport SPA* (7)2:47-53
6. **Pajic, Z.** (2011) Evaluation of adaptive processes of kinematic and dynamic performances of running at maximum speed in training with the additional inertial load application. *Sportlogia*, 7(1):29-47
7. **Pajic, Z.**, Kostovski, Z., Ilic, J., Jakovljevic, S., Preljevic, A. (2011) The influence of inertial load application on kinematic and dynamic performances of running at maximum speed phase. *Sport Science*, 4(1):107-112
8. Jakovljevic, S., Karalejic, M., **Pajic, Z.**, Mandic, R. (2011) Acceleration and speed of change of direction and way of movement of quality basketball players. *Physical Education*, 65 (1): 16-23

9. Gardasevic, B., Jakovljevic, S., **Pajic, Z.**, Preljevic, A. (2011) Some anthropometric and power characteristics of elite junior handball and basketball players. APES-International journal of scientific and professional issues in physical education and sport, 39(1):5-9
10. Saša Jakovljević, Milivoje Karalejić, **Zoran Pajić**, Nenad Janković, Frane Eerčulj (2015) Relationship between 1rm back squat test results and explosive movements in professional basketball players. Acta universitatis carolinae kinanthropologica Vol. 51, 1 , pp. 41–50.
11. **Pajic, Z.** Gardašević, B. Jakovljevic, S. (2016) Prevalence of obesity in children in primary school. Innovations in teaching, XXIX, 2016/1, pp. 105-114.

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1. **Pajić, Z.**, Ilić, J., Jakovljević, S. (2011) Influence of speed and explosive power performance on the ability to quickly change direction in professional senior football players. In S. Stojiljković Proceedings of the International Scientific Conference "Physical Activity for Everyone" (pp. 403-408). Belgrade: FSFV.
2. **Pajić, Z.**, Gardašević, B., Ilić, J., Jakovljević, S., Preljevic, A., Kostovski, Ž. (2011) Relationships of morphological characteristics and strength performance of football players and handball players of pioneer age. Proceedings of the IV International Symposium "Sport and Health" (pp. 36-40). Tuzla: Faculty of Physical Education and Sports.
3. **Pajić, Z.**, Ilić, J., Jakovljević, S., Preljević, A. (2011) Relations between morphological and characteristics and speed of movement direction changes in professional soccer players. In M. Mikalački & G. Bala (eds.) 2nd International Scientific Conference EXERCISE AND QUALITY OF LIFE, (393-398). Novi Sad: Faculty of Sport and Physical Education.
4. **Pajić, Z.**, Jakovljević, S., and Drljačić D. (2017) Prevalence of obesity in children of primary and secondary school age in Belgrade II International Congress SPORT, RECREATION, HEALTH, Sports and Health School, Belgrade, Proceedings: 306-314 .
5. Drljačić, D., Đupovac, M., and **Pajić, Z.** (2017) Nutrition of children of younger school age in the city of Šabac II International Congress SPORT, RECREATION, HEALTH, Sports and Health School, Belgrade, Proceedings: 67 -73.
6. Toskić, D., Toskić, L., L., Preljević, A., **Pajić, Z.**, Stanković, M., & Stijepović, M. (2017) Differences in motor abilities, morphological characteristics and biomechanical characteristics of paddles between young swimmers and water polo players. IV International Scientific Conference, Faculty of Sports and Physical Education, Leposavić, Proceedings.
7. Jakovljević, S., Mandić, R., Janković, N., **Pajić, Z.** (2019) Speed of shot jump as a factor of precision in basketball, International Scientific Conference, Proceedings, University of Belgrade, Faculty of Sports and Physical Education.
8. Vukosavljevic K., Vukusic K., **Pajic Z.**, Drljacic D. (2021). Guidelines for physical activity at home during the covid-19 pandemic. 4thInternational online conference, Health, Sport, Recreation May 14th 2021, Belgrade, Republic of Serbia.

9. **Pajić Z.,** Drljačić D., Simović S., Brkić B., Živanović V. (2021). Prevalence of obesity among high school children. 4thInternational online conference, Health, Sport, Recreation May 14th 2021, Belgrade, Republic of Serbia.
10. Petrovic S., **Pajic Z.,** Drljacic D., Simovic S., Brkic B., Zivanovic V. (2021). Morphological characteristics and motor abilities of untrained and pupils who train taekwondo. 4thInternational online conference, Health, Sport, Recreation May 14th 2021, Belgrade, Republic of Serbia.
11. Spasojevic B., Drljacic D., **Pajic Z.,** Vukosavljevic K. (2021). Comparative analysis of the postural status of preschool and younger school age children. 4thInternational online conference, Health, Sport, Recreation May 14th 2021, Belgrade, Republic of Serbia.

M34

1. **Pajić, Z. (2007).** Analysis of worm-up structure of football players in some of the elite european teams. New practices in sports. College for coaches No. 1, (5:13), in Belgrade.
2. Jakovljević, S., **Pajić, Z.,** Gardašević, B., Višnjić, D. (2010) Some anthropometric and power characteristics of 12 and 13 years old soccer and basketball players. In S. Simovic (ed.) Book of summaries 2nd International Scientific Conference «Anthropological aspects of sports, physical education and recreation» (pp. 75-76). Banja Luka: Faculty of Physical education and Sport.
3. **Pajić, Z.,** Ilić, J., Janković, I. (2011) Relacije morfoloških karakteristika sa brzinom promene smeru kretanja kod mladih fudbalera. Zbornik sažetaka sa Međunarodnog naučnog skupa FIS komunikacije 2011, (str. 85-87). Niš: Fakultet sporta i fizičkog vaspitanja.
4. **Pajić, Z.,** Gardašević, B., Ilić, J., Janković, I. (2011) Razlike između uticaja morfoloških karakteristika na performanse snage kod fudbalera i rukometaša pionirskog uzrasta. Zbornik sažetaka sa Međunarodnog naučnog skupa FIS Komunikacije 2011, (str. 87-89). Niš: Fakultet sporta i fizičkog vaspitanja.
5. Jakovljević, S., **Pajić, Z.,** Gardašević, B., Višnjić, D. (2010) Some anthropometric and power characteristics of 12 and 13 years old soccer and basketball players. In S. Simovic (ed.) Book of summaries 2nd International Scientific Conference «Anthropological aspects of sports, physical education and recreation» (pp. 75-76). Banja Luka: Faculty of Physical education and Sport.
6. Visnjic, D., Ilic, J., **Pajic, Z. (2011)** Educational values of circular training system in elementary school. In S. Simovic (ed.) Book of summaries of 3rd International Scientific Conference «Anthropological aspects of sports, physical education and recreation» (pp. 74). Banja Luka: Faculty of Physical education and Sport.
7. Gardasevic, B., **Pajic, Z.,** Ilic, J., Jankovic, I. (2012) The influence of some morphological characteristics on agility of young handball players. In V. Lolic (ed.) Book of summaries of 2nd International Conference on «Sports Science and Health» (pp. 52). Banja Luka: APERION.

8. Gardasevic, B., **Pajic, Z.**, Ilic, J., Jankovic, I. (2012) The influence of performance speed and explosive power on the agility of young handball players. In V. Lolic (ed.) Book of Summaries of 2nd International Conference on «Sports Science and Health» (pp. 54). Banja Luka: APERION.

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1. **Pajić, Z.**, Ropret, R., Matavulj, D. (1997) Development of strength in students of the first grade of primary school. Summer School of Physical Education Teachers, Proceedings, Arandjelovac (293: 300).
2. **Pajić, Z.**, Bokan, B., Miletić, K., Radisavljević, S., Višnjić, D. (1997) Development of student speed in the first grade of primary school. Summer School of Physical Education Teachers, Proceedings, Arandjelovac (67:70).
3. **Pajić, Z.**, Ropret, R., Suzović, D., Kukolj, M. (1998) Developmental characteristics of motor abilities of primary school students. Misli, scientific and professional journal for physical culture, FFK Novi Sad, 1 (35:38).
4. **Pajić, Z.**, Bokan, B., Suzović, D. (1998) Speed of alternative movements and motor abilities in relation to morphological. Seventh International Symposium "Fis Communications 98" in Physical Education, Sports and Recreation. Proceedings (140: 150).

M64

1. **Pajić, Z.**, Grbović, M., Matavulj, D. (1998) Determining the interrelations of balance and some motor abilities in the younger school age. Novi Sad.

Announcements at professional meetings:

1. **Pajic, Z. (1998)** Warming up, stretching and toning in volleyball training. OSRS Volleyball Seminar. Professional scientific meeting for volleyball coaches and referees. Modriča 21-23.08. 1998th
2. **Pajic, Z. (1998)** Development of jumping and jumping endurance in volleyball players. OSRS Volleyball Seminar. Professional scientific meeting for volleyball coaches and referees. Visegrad 22-26.08. 1998th
3. **Pajic, Z. (2001)** New methodological and practical aspects of testing football players. Summer school of football SCG - Lepenski Vir - 2001". Expert meeting for the instructors and selectors of Football league of Serbia and Montenegro, for the selections from 92 to the 93.
4. **Pajic, Z. (2002)** New dilemmas in contemporary physical preparation of football players. Seminar for coaches and referees in the Football league of Vojvodina, in Subotica, 09.08.2002. year.

5. **Pajic, Z. (2005)** New methodological and practical aspects of testing football players. "Summer School of Football of Serbia and Montenegro - Lepenski Vir - 2005". Professional meeting for instructors and selectors of the Football Association of Serbia and Montenegro for selections 92-93.
6. **Pajic, Z. (2005)** Testing of football players. International School for coaches „UEFA SCG” (A, B and profy licence), Zlatibor, from september of the 2005 year.
7. **Pajic, Z. (2006)** Flexibility of football players. International school for coaches „UEFA SCG” (A, B and profy licence), Zlatibor, from september of the 2006 year.
8. **Pajic, Z. (2006)** Explosivity of football players. International school for coaches „UEFA SCG” (profy licence), Zlatibor, from september of the 2006 year.
9. **Pajic, Z. (2007)** Training Periodisation of elite football players. International school for coaches „UEFA Serbia” (profy licence), in Belgrade, from september of the 2007 year.
10. **Pajic, Z. (2007)** Optimisation of the conditional training of football players. International school for coaches „UEFA Serbia” (profy licence), in Belgrade, from september of the 2007 year;
11. **Pajic, Z. (2007)** Basic guidlines in conditional training of young football players. Semminar for football coaches in the organisation - “Association of football coaches from football league of municipality of Požarevac and Braničevo”.
12. **Pajic, Z. (2007)** Development of explosiveness in football players during the training process. Seminar for football coaches organized by the Association of Football Coaches of the Municipal Football Association of Pozarevac and Branicevo District.
13. **Pajic, Z. (2007)** Analysis of worm-up structure of football players in some of the elite european teams. New practices in sports. College for coaches No. 1, (5:13), in Belgrade.
14. **Pajic, Z. (2010)** Specifics of fitness preparation of the national selection for the 2006 World Cup. In: Janković, Aleksandar, editor (s). Experiences and perspectives - World Cup in South Africa 2010: expert conference. Belgrade: Faculty of Sports and Physical Education, 2010, p. 31-42.
15. **Pajic Z. et al. (2010)** Influence of speed and explosive power performance on the ability to quickly change the direction of movement in professional football players of senior age. International Scientific Conference: PHYSICAL ACTIVITY FOR EVERYONE University of Belgrade, Faculty of Sport and Physical Education, Republic of Serbia, Belgrade, December 10-11, 2010.
16. **Pajic Z. et al. (2010)** Relations of morphological characteristics and strength performance of football players and handball players of pioneer age. IV International Symposium "SPORT AND HEALTH" Tuzla, 24 - 26.06.2011.
17. **Pajic Z. et al. (2010)** Some anthropometric and strong characteristics of 12 and 13 year old football players and basketball players, Banja Luka.
18. **Pajic Z. et al. (2011)** Relations of morphological characteristics with the speed of change of direction in professional footballers. 2nd International Scientific Conference EXERCISE AND

QUALITY OF LIFE 24-26. 03. 2011, N.Sad.

19. **Pajic, Z. (2018)** Transfer motoric abilities in football training. International school for coaches „UEFA Serbia” (profy licence), in Belgrade from march of the 2018. Year.
20. **Pajic, Z. (2018)** Speed in football players - technology of football training.. International school for coaches „UEFA Serbia” (profy licence), in Belgrade from march of the 2018. Year.
21. **Pajic, Z. (2018)** Zones of endurance - technology of football training. International school for coaches „UEFA Serbia” (profy licence), in Belgrade from march of the 2018. Year.
22. **Pajic, Z. (2018)** Motor Learning - Applications for Agility in soccer. International school for coaches „UEFA Serbia” (profy licence), in Belgrade from march of the 2018. Year.
23. **Pajic, Z. (2018)** Taktical periodisation in football – acquisition days – strenght, duration, speed. International school for coaches „UEFA Serbia” (profy licence), in Belgrade from march of the 2018 Year
24. **Pajić, Z. (2019)** Competitive strategies in training for the development of football strength. International School for Coaches "UEFA Serbia" (Prof. License), in Belgrade since March 2019.
25. **Pajić, Z. (2019)** Incompatible motor skills in football training. International School for Coaches "UEFA Serbia" (Prof. License), in Belgrade since March 2019.
26. **Pajić, Z. (2019)** Cognitive, conative, affective and aspect of motor control in agility of soccer players. International school for coaches „UEFA Serbia” (profy licence), in Belgrade from march to june of the 2018.