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Papers published in Web of Science cited Journals

TOPIC: SPORT-SPECIFIC TESTS AND PERFORMANCE	2
TOPIC: SPORT, PHYSICAL EXERCISE AND HEALTH	5
OTHER TOPICS	9

- Radzimiński Ł, Padrón-Cabo A, Modric T, Andrzejewski M, Versic S, Chmura P, Sekulic D, Konefał M (2022) The effect of mid-season coach turnover on running match performance and match outcome in professional soccer players. *Scientific Reports*, 12(1), 1-7.
- Versic S, Modric T, Katanic B, Jelicic M, Sekulic D (2022) Analysis of the Association between Internal and External Training Load Indicators in Elite Soccer; Multiple Regression Study. *Sports*, 10, 135.
- Þorgeirsson S, Lozano D, Zapardiel JC, Jimenez F, Sekulic D, Saavedra JM. (2022) Women's beach handball game statistics: Differences and predictive power for winning and losing teams. *Kinesiology*. 30, 54(1):126-32.
- Þorgeirsson S, Pic M, Lozano D, Sigurgeirsson O, Sekulic D, Saavedra JM (2022). Gender-based differences in gamerelated statistics between winning and losing teams in an amateur handball league. Acta Gymnica, 52, Article e2022.001.
- Modric T, Versic S, Chmura P, Konefał M, Andrzejewski M, Jukic I, Drid P, Pocek S, Sekulic, D (2022) Match Running Performance in UEFA Champions League: Is There a Worthwhile Association with Team Achievement? *Biology*, 11(6), p.867.
- Sekulic D, Versic S, Decelis A, Castro-Piñero J, Javorac D, Dimitric G, Idrizovic K, Jukic I, Modric T (2021) The Effect of the COVID-19 Lockdown on the Position-Specific Match Running Performance of Professional Football Players; Preliminary Observational Study. International Journal of Environmental Research and Public Health. 18(22):12221.
- Savicevic AJ, Nincevic J, Versic S, Cuschieri S, Bandalovic A, Turic A, Becir B, Modric T, Sekulic D. (2021) Performance of Professional Soccer Players before and after COVID-19 Infection; Observational Study with an Emphasis on Graduated Return to Play. *International Journal of Environmental Research and Public Health*. 18(21):11688.
- Modric T, Jelicic M, Sekulic D. (2021) Relative Training Load and Match Outcome: Are Professional Soccer Players Actually Undertrained during the In-Season? *Sports.*; 9(10):139.
- Modric T, Versic S, Drid P, Stojanovic M, Radzimiński Ł, Bossard C, Aftański T, Sekulic D. (2021) Analysis of Running Performance in the Offensive and Defensive Phases of the Game: Is It Associated with the Team Achievement in the UEFA Champions League? *Applied Sciences*. 11(18):8765.
- Werfelli H, Hammami R, Selmi MA, Selmi W, Gabrilo G, Clark CCT, Duncan M, Sekulic D, Granacher U, Rebai H. (2021) Acute Effects of Different Plyometric and Strength Exercises on Balance Performance in Youth Weightlifters. *Frontiers in Physiology* 14(12):716981.
- Hammami R, Nebigh A, Selmi MA, Rebai H, Versic S, Drid P, Jezdimirovic T, Sekulic D. (2021) Acute Effects of Verbal Encouragement and Listening to Preferred Music on Maximal Repeated Change-of-Direction Performance in Adolescent Elite Basketball Players—Preliminary Report. *Applied Sciences*. 11(18):8625.
- Gilic B, Kosor J, Jimenez-Pavon D, Markic J, Karin Z, Domic DS, Sekulic D. (2021) Associations of Vitamin D Levels with Physical Fitness and Motor Performance; A Cross-Sectional Study in Youth Soccer Players from Southern Croatia. *Biology*. 10(8):751.
- Versic S, Pehar M, Modric T, Pavlinovic V, Spasic M, Uljevic O, Corluka M, Sattler T, Sekulic D. (2021) Bilateral Symmetry of Jumping and Agility in Professional Basketball Players: Differentiating Performance Levels and Playing Positions. Symmetry. 13(8):1316.
- Modric T, Versic S, Sekulic D (2021) Does aerobic performance define match running performance among professional soccer players? A position-specific analysis. Research in Sports Medicine. 29(4):336-348.
- Sekulic D, Pojskic H, Zeljko I, Pehar M, Modric S, Versic S, Novak D (2021) Physiological and Anthropometric Determinants of Performance Levels in Professional Futsal. *Frontiers in Psychology* 12, 621763
- Modric T, Versic S, Sekulic D (2020) Position Specific Running Performances in Professional Football (Soccer): Influence of Different Tactical Formations. Sports 8, 161.
- Modric T, Versic S, Sekulic D (2020) Aerobic Fitness and Game Performance Indicators in Professional Football Players; Playing Position Specifics and Associations. *Helliyon* 6(11) e05427
- Krolo A, Gilic B, Foretic N, Pojskic H, Hammami R, Spasic M, Uljevic O, Versic S, Sekulic D. (2020) Agility Testing in Youth Football (Soccer) Players; Evaluating Reliability, Validity, and Correlates of Newly Developed Testing Protocols. International Journal of Environmental Research and Public Health. 2020 Jan 1;17(1). pii: E294.

- Modric T, Versic S, Sekulic D (2020) Playing Position Specifics of Associations Between Running Performance During The Training and Match in Male Soccer Players. Acta Gymnica 50(2) 51-60.
- Zeljko I, Gilic B, Sekulic D (2020) Validity, Reliability and Correlates of Futsal-Specific Pre-Planned and Non-Planned Agility Testing Protocols. *Kinesiologia Slovenica*. 26(2) 25-34.
- Sekulic D, Gilic B, Foretic N, Spasic M, Uljevic O, Versic S (2020) Fitness Profiles of Professional Futsal Players: Identifying Age-Related Differences. *Biomedical Human Kinetics*, 12(1) 212-220.
- Pojskic H, Pagaduan J, Uzicanin E, Separovic V, Spasic M, Foretic N, Sekulic D. (2019) Reliability, Validity and Usefulness
 of a New Response Time Test for Agility-Based Sports: A Simple vs. Complex Motor Task. *Journal of Sports Science and Medicine*. 18(4):623-635.
- Sekulic D, Foretic N, Gilic B, Esco MR, Hammami R, Uljevic O, Versic S, Spasic M (2019) Importance of Agility Performance in Professional Futsal Players; Reliability and Applicability of Newly Developed Testing Protocols. International Journal of Environmental Research and Public Health. 4;16(18). pii: E3246.
- Modric T, Versic S, Sekulic D, Liposek S (2019) Analysis of the Association between Running Performance and Game Performance Indicators in Professional Soccer Players. *International Journal of Environmental Research and Public Health*, 16, pii: 4032.
- Jukic I, Prnjak K, Zoellner A, Tufano JJ, Sekulic D, Salaj S. (2019) The Importance of Fundamental Motor Skills in Identifying Differences in Performance Levels of U10 Soccer Players. Sports (Basel). 2019 Jul 22;7(7). pii: E178.
- Hammami R, Sekulic D, Amin Selmi M, Fadhloun M, Spasic M, Uljevic O, Chaouachi A (2018) Analysis of Maturity Status As A Determinant of the Relationships Between Conditioning Capacities and Pre-Planned Agility in Young Handball Athletes. *Journal of Strength and Conditioning Research*. 32(8) 2302-2313.
- Idrizovic K, Gjinovci B, Sekulic D, Uljevic O, Joao PV, Spasic M, Sattler T (2018) The Effects of 3-Month Skill-Based and Plyometric Conditioning on Fitness Parameters in Junior Female Volleyball Players. *Pediatric Exercise Science*. 30(3) 353-363
- Esco MR, Fedewa MV, Cicone ZS, Sinelnikov OA, Sekulic D, Holmes CJ. (2018) Field-Based Performance Tests Are Related to Body Fat Percentage and Fat-Free Mass, But Not Body Mass Index, in Youth Soccer Players. Sports (Basel). 27;6(4) E105.
- Pojskic H, Sisic N, Separovic V, Sekulic D (2018) Association between conditioning capacities and shooting performance in professional basketball players; an analysis of stationary and dynamic shooting skills. *Journal of Strength and Conditioning Research*. 32(7) 1981-1992.
- Saavedra, JM, Einarsson I, Sekulic D, Garcia Hermoso A (2018) Analysis of pacing strategies in 10 km open water swimming in international events. *Kinesiology* 50(2) 243-250
- Pehar M, Sisic N, Sekulic D, Coh M, Uljevic O, Spasic M, Krolo A, Idrizovic K (2018) Analyzing the relationship between anthropometric and motor indices with basketball specific pre-planned and non-planned agility performances. *Journal of Sports Medicine and Physical Fitness* 58(7-8) 1037-1044.
- Pojskic H, Åslin EV, Krolo A, Jukic I, Uljevic O, Spasic M, Sekulic D (2018) Importance of Reactive Agility and Change of Direction Speed in Differentiating Performance Levels in Junior Soccer Players: Reliability and Validity of Newly Developed Soccer-Specific Tests. *Frontiers in Physiology*, 9 (5) 1-11
- Gjinovci B, Idrizovic K, Uljevic O, Sekulic D (2017) Plyometric Training Improves Sprinting, Jumping and Throwing Capacities of High Level Female Volleyball Players Better Than Skill-Based Conditioning. *Journal of Sports Science and Medicine*. 16(4) 527-535.
- Sekulic D, Krolo A, Pehar M, Spasic M, Uljevic O, Calleja-Gonzalez J, Sattler T (2017) Evaluation of basketball-specific agility: Applicability of pre-planned and non-planned agility performances for differentiating playing positions and playing levels. *Journal of Strength and Conditioning Research*. 31(8) 2278-2288.
- Pehar M, Sekulic D, Sisic N, Spasic M, Uljevic O, Krolo A, Milanovic Z, Sattler T (2017) Evaluation of different jumping tests in defining position-specific and performance-level differences in high level basketball players. *Biology of Sport*. 34(3) 263-272.
- Lesnik B, Sekulic D, Supej M, Esco MR, Zvan M (2017) Balance, basic anthropometrics and performance in young alpine skiers; longitudinal analysis of the associations during two competitive seasons. *Journal of Human Kinetics*. 57; 7-16.

- Kontic D, Zenic N, Uljevic O, Sekulic D, Lesnik B (2017) Evidencing the association between various swimming capacities and performance indicators in water polo, a multiple regression study. *Journal of Sports Medicine and Physical Fitness*. 57(6) 734-743.
- Sekulic D, Uljevic O, Peric M, Spasic M, Kondric M (2017) Reliability and factorial validity of non-specific and tennisspecific pre-planned agility tests; preliminary analysis. *Journal of Human Kinetic* 55; 107-116.
- Sisic N, Jelicic M, Pehar M, Spasic M, Sekulic D (2016) Agility performance in high-level junior basketball players; the predictive value of anthropometrics and power qualities. *Journal of Sports Medicine and Physical Fitness*. 56(7-8) 884-893.
- Sekulic D, Kontic D, Esco M, Zenic N, Milanovic Z, Zvan M (2016) Sport-specific conditioning variables predict offensive and defensive performance in high level youth water polo athletes. *Journal of Strength and Conditioning Research*. 30(5) 1316-1324.
- Sattler T, Sekulic D, Spasic M, Osmankac N, João PV, Dervisevic E, Hadzic V. (2016) Isokinetic knee strength qualities as predictors of jumping performance in high-level volleyball athletes; multiple regression approach. *Journal of Sports Medicine and Physical Fitness*. 56; 60-69.
- Sattler T, Sekulic D, Spasic M, Peric M, Krolo A, Uljevic O, Kondric M (2015) Analysis of the association between motor and anthropometric variables with change of direction speed and reactive agility performance. *Journal of Human Kinetics*. 47; 137-145.
- Spasic M, Krolo A, Zenic N, Delextrat A, Sekulic D (2015) Reactive agility performance in handball; development and evaluation of a sport-specific measurement protocol. *Journal of Sports Science and Medicine*. 14(2) 501-506.
- Sattler T, Sekulic D, Esco MR, Mahmutovic I, Hadzic V (2015) Analysis of the association between isokinetic knee strength with offensive and defensive jumping capacity in high-level female volleyball athletes. *Journal of Science and Medicine in Sport.* 18(4) 613-618.
- Idrizovic K, Uljevic O, Spasic M, Sekulic D, Kondric M (2015) Sport specific fitness status in junior water polo players; playing position approach. *Journal of Sports Medicine and Physical Fitness*. 55(6) 596-603.
- Sekulic D, Krolo A, Spasic M, Uljevic O, Peric M (2014) The development of a new stop'n'go reactive agility test. *Journal* of Strength and Conditioning Research. 28(11) 3306-3312.
- Sekulic D, Spasic M, Esco MR (2014) Predicting agility performance with other performance variables in pubescent boys: a multiple-regression approach. *Perceptual & Motor Skills* 118(2) 447-461.
- Uljevic O, Esco MR, Sekulic D (2014) Reliability, validity and applicability of isolated and combined sport-specific tests of conditioning capacities in top-level junior water polo athletes. *Journal of Strength and Conditioning Research*. 28(6) 1595– 1605.
- Peric M, Cavar M, Zenic N, Sekulic D, Sajber D (2014) Predictors of competitive achievement among pubescent synchronized swimmers: an analysis of the solo-figure competition. *Journal of Sports Medicine and Physical Fitness*, 54(1) 16-26.
- Uljevic O, Spasic M, Sekulic D (2013) Sport-specific motor fitness tests in water polo; reliability, validity and playing position differences. *Journal of Sports Science and Medicine*, 12(4) 646-654.
- Cavar M, Corluka M, Cerkez I, Culjak Z, Sekulic D (2013) Are Various Forms of Locomotion-Speed Diverse or Unique Performance Quality? *Journal of Human Kinetics*, 33 (3) 53-61.
- Spasic M, Uljevic O, Coh M, Dzelalija M, Sekulic D (2013) Predictors of agility performance among early pubescent girls. International Journal of Performance Analysis in Sport, 13(2) 480-499.
- Sajber D, Peric M, Spasic M, Zenic N, Sekulic D (2013) Sport-specific and anthropometric predictors of synchronised swimming performance. *International Journal of Performance Analysis in Sport*, 13(1) 23-37.
- Sekulic D, Spasic M, Mirkov D, Cavar M, Sattler T (2013) Gender-specific influences of balance, speed, and power on agility performance. *Journal of Strength and Conditioning Research*, 27(3) 802-811.
- Kondric M, Uljevic O, Gabrilo G, Kontic D, Sekulic D (2012) General anthropometric and specific physical fitness profile of high-level junior water polo players *Journal of Human Kinetics*, 32 (1), 157-165.
- Peric M, Zenic N, Mandic GF, Sekulic D, Sajber D (2012) The reliability, validity and applicability of two sport-specific power tests in synchronized swimming. *Journal of Human Kinetics*, 32 (1), 135-145.

- Sattler T, Sekulic D, Hadzic V, Uljevic O, Dervisevic E (2012) Vertical jumping tests in volleyball: reliability, validity and playing-position specifics. *Journal of Strength and Conditioning Research* 26(6) 1532–1538
- Sekulic D, Zenic N, Grcic Zubcevic N (2007) Non linear anthropometric predictors in swimming. Collegium Antropologicum 31(3) 803-810.
- Markovic G, Sekulic D, Markovic M (2007) Is agility related to strength qualities? Analysis in latent Space. Collegium Antropologicum 31(3) 787-794.
- Markovic G, Sekulic D (2006) Modeling the influence of body size on weightlifting and powerlifting performance. *Collegium Antropologicum*, 30(3), 607-613.
- Sekulic D, Males B, Miletic D (2006) Navy recruits; fitness measuring, validation and norming. *Military Medicine*, 171(8) 749-752.
- Krstulovic S, Sekulic D, Sertic H (2005) Anthropological determinants of success in young judoists. *Collegium Antropologicum*, 29(2) 697-703.
- Sekulic, D, Zenic N, Markovic G (2005) Non linear relationships between anthropometric and motor-endurance variables. *Collegium Antropologicum*, 29(2) 723-730.

TOPIC: SPORT, PHYSICAL EXERCISE AND HEALTH

- Hafsteinsson Östenberg A, Enberg A, Pojskic H, Gilic B, Sekulic D, Alricsson M. (2022) Association between Physical Fitness, Physical Activity Level and Sense of Coherence in Swedish Adolescents; An Analysis of Age and Sex Differences. International Journal of Environmental Research and Public Health. 19(19):12841. https://doi.org/10.3390/ijerph191912841
- Slankamenac J, Milovancev A, Klasnja A, Gavrilovic T, Sekulic D, Kesic MG, Trivic T, Kolarov V, Drid P (2022) Echocardiographic Characterization of Left Heart Morphology and Function in Highly Trained Male Judo Athletes. International Journal of Environmental Research and Public Health. 19(14): 8842.
- Sunda M, Gilic B, Sekulic D, Matic R, Drid P, Alexe DI, Cucui GG, Lupu GS. (2022) Out-of-School Sports Participation Is Positively Associated with Physical Literacy, but What about Physical Education? A Cross-Sectional Gender-Stratified Analysis during the COVID-19 Pandemic among High-School Adolescents. *Children.* 9(5):753. https://doi.org/10.3390/children9050753
- Geets Kesic M, Gilic B, Cerkez Zovko I, Drid P, Korovljev D, Sekulic D. (2021) Differential impact of COVID-19 lockdown on physical activity in younger and older adolescents - prospective study. *Medycyna Pracy*. 22;72(6):633-643.
- Sekulic D, Ostojic D, Decelis A, Castro-Piñero, Jezdimirovic T, Drid P, Ostojic L, Gilic B. (2021) The Impact of Scholastic Factors on Physical Activity Levels during the COVID-19 Lockdown: A Prospective Study on Adolescents from Bosnia and Herzegovina. *Children*.8(10):877.
- Versic S, Idrizovic K, Ahmeti GB, Sekulic D, Majeric M. (2021) Differential Effects of Resistance- and Endurance-Based Exercise Programs on Muscular Fitness, Body Composition, and Cardiovascular Variables in Young Adult Women: Contextualizing the Efficacy of Self-Selected Exercise Modalities. *Medicina*. 57(7):654.
- Sunda M, Gilic B, Peric I, Jurcev Savicevic A, Sekulic D. (2021) Evidencing the Influence of the COVID-19 Pandemic and Imposed Lockdown Measures on Fitness Status in Adolescents: A Preliminary Report. *Healthcare*. 9(6):681.
- Gilic B, Zenic N, Separovic V, Jurcev Savicevic A, Sekulic D (2021) Evidencing the influence of pre-pandemic sports participation and substance misuse on physical activity during the COVID-19 lockdown: a prospective analysis among older adolescents. *International Journal of Occupational Medicine and Environmental Health* 34(2) 151-163.
- Idrizovic K, Ahmeti GB, Sekulic D, Zevrnja A, Ostojic L, Versic S, Zenic N. (2021) Indices of Cardiovascular Health, Body Composition and Aerobic Endurance in Young Women; Differential Effects of Two Endurance-Based Training Modalities. *Healthcare*. 2021; 9(4):449.
- Maric D, Bianco A, Kvesic I, Sekulic D, Zenic N (2021) Analysis of the Relationship between Tobacco Smoking and Physical Activity in Adolescence: A Gender Specific Study. *Medicina*. 57(3):214.

- Sekulic D, Maric D, Versic S, Zevrnja A, Terzic A, Zenic N (2021) Familial and Parental Predictors of Physical Activity in Late Adolescence: Prospective Analysis over a Two-Year Period. *Healthcare*. 9(2):132.
- Peric I, Spasic M, Novak D, Ostojic S, Sekulic D. (2021) Pre-Planned and Non-Planned Agility in Patients Ongoing Rehabilitation after Knee Surgery: Design, Reliability and Validity of the Newly Developed Testing Protocols. *Diagnostics*. 11(1):146.
- Sekulic D, Prus D, Zevrnja A, Peric M, Zaletel P (2020) Predicting Injury Status in Adolescent Dancers Involved in Different Dance Styles: A Prospective Study. Children 7, 297
- Maric D, Kvesic I, Kujundzic Lujan I, Bianco A, Zenic N, Separovic V, Terzic A, Versic S, Sekulic D (2020) Parental and Familial Factors Influencing Physical Activity Levels in Early Adolescence: A Prospective Study. *Heatlhcare* 8; 532
- Sekulic D, Rodek J, Sattler T (2020) Factors Associated with Physical Activity Levels in Late Adolescence: A Prospective Study. *Medycyna Pracy* 71(6)
- Gilic B, Ostojic L, Corluka M, Volaric T, Sekulic D (2020). Contextualizing Parental/Familial Influence on Physical Activity in Adolescents before and during COVID-19 Pandemic: A Prospective Analysis. *Children*. 7(9):125.
- Zenic N, Taiar R, Gilic B, Blazevic M, Maric D, Pojskic H, Sekulic D (2020) Levels and Changes of Physical Activity in Adolescents during the COVID-19 Pandemic: Contextualizing Urban vs. Rural Living Environment. *Applied Sciences*. 10, 3997.
- Sekulic D, Blazevic M, Gilic B, Kvesic I, Zenic N (2020) Prospective Analysis of Levels and Correlates of Physical Activity during COVID-19 Pandemic and Imposed Rules of Social Distancing; Gender Specific Study among Adolescents from Southern Croatia. Sustainability, 12, 4072.
- Jakse B, Sekulic D, Jakse B, Cuk I, Sajber D (2020) Bone health among indoor female athletes and associated factors; a cross-sectional study. *Research in Sports Medicine*. 28(3):314-323.
- Ursej E, Sekulic D, Prus D, Gabrilo G, Zaletel P (2019) Investigating the Prevalence and Predictors of Injury Occurrence in Competitive Hip Hop Dancers: Prospective Analysis. *International Journal of Environmental Research and Public Health.* 16(17). pii: E3214.
- Obradovic Salcin L, Karin Z, Miljanovic Damjanovic V, Ostojic M, Vrdoljak A, Gilic B, Sekulic D, Lang-Morovic M, Markic J, Sajber D. Physical Activity, Body Mass, and Adherence to the Mediterranean Diet in Preschool Children: A Cross-Sectional Analysis in the Split-Dalmatia County (Croatia). *International Journal of Environmental Research and Public Health*. 16(18).
- Novosel B, Sekulic D, Peric M, Kondric M, Zaletel P. (2019) Injury Occurrence and Return to Dance in Professional Ballet: Prospective Analysis of Specific Correlates. *International Journal of Environmental Research and Public Health*. 16(3): E765
- Versic S, Uljevic O, Maric D, Sekulic D, Sajber D (2019) Factors associated with potential doping behavior in Olympicsailing: a gender-specific analysis. *Medicina Dello Sport*, 72(4), 513-523.
- Sajber D, Maric D, Rodek J, Sekulic D, Liposek S (2019) Toward Prevention of Doping in Youth Sport: Cross-Sectional Analysis of Correlates of Doping Tendency in Swimming. *International Journal of Environmental Research and Public Health.* 2019 Dec 2;16(23). pii: E4851. doi: 10.3390/ijerph16234851.
- Sekulic D, Tahiraj E, Maric D, Olujic D, Bianco A, Zaletel P. (2019) What drives athletes toward dietary supplement use: objective knowledge or self-perceived competence? Cross-sectional analysis of professional team-sport players from Southeastern Europe during the competitive season. *Journal of International Society of Sports Nutrition*. 14; 16(1):25.
- Zenic N, Terzic A, Ostojic L, Sisic N, Saavedra JM, Kristjánsdóttir H, Guðmundsdóttir ML, Sekulic D (2019) Educational and sport factors as predictors of harmful alcohol drinking in adolescence: a prospective study in Bosnia and Herzegovina. International Journal of Public Health. 64(2):185-194.
- Devcic S, Bednarik J, Maric D, Versic S, Sekulic D, Kutlesa Z, Bianco A, Rodek J, Liposek S (2018) Identification of Factors Associated with Potential Doping Behavior in Sports: A Cross-Sectional Analysis in High-Level Competitive Swimmers. International Journal of Environmental Research and Public Health. 15(8). E1720
- Ostojic SM, Vranes M, Loncar D, Zenic N, Sekulic D (2018) Guanidinoacetic Acid and Creatine are Associated with Cardiometabolic Risk Factors in Healthy Men and Women: A Cross-Sectional Study. Nutrients. 13;10(1). pii: E87.
- Patti A, Bianco A, Şahin N, Sekulic D, Paoli A, Iovane A, Messina G, Gagey PM, Palma A. (2018) Postural control and balance in a cohort of healthy people living in Europe: An observational study. Medicine (Baltimore) 97(52):e13835.

- Stefan L, Vrgoc G, Rupcic T, Sporis G, Sekulic D. (2018) Sleep Duration and Sleep Quality Are Associated with Physical Activity in Elderly People Living in Nursing Homes. International Journal of Environmental Research and Public Health. 15(11):2512.
- Zaletel P, Sekulic D, Esco MR, Zenic N, Sajber D, Kondric M (2017) The association between body-built and injury
 occurrence in pre-professional ballet dancers Separated analysis for the injured body-locations. International Journal of
 Occupational Medicine and Environmental Health. 30(1)
- Liposek S, Zenic N, Saavedra JM, Sekulic D, Rodek J, Marinsek M, Sajber D (2018) Examination of factors explaining coaching strategy and training methodology as correlates of potential doping behavior in high-level swimming. *Journal of Sports Science and Medicine*. 17(1) 82-91.
- Devcic S, Sekulic D, Ban D, Kutlesa Z, Rodek J, Sajber D (2018) Evidencing Protective and Risk Factors for Harmful Alcohol Drinking in Adolescence: A Prospective Analysis of Sport-Participation and Scholastic-Achievement in Older Adolescents from Croatia. International Journal of Environmental Research and Public Health. 15(5). E986
- Sekulic D, Zenic N, Versic S, Maric D, Gabrilo G, Jelicic M (2017) The prevalence and covariates of potential doping behavior in kickboxing; analysis among high-level athletes. *Journal of Human Kinetics* 59, 67-77.
- Zvan M, Zenic N, Sekulic D, Cubela M, Lesnik B (2017) Gender- and Sport-Specific Associations Between Religiousness and Doping Behavior in High-Level Team Sports. *Journal of Religion and Health*. 56(4) 1348-1360.
- Zenic N, Ban D, Jurisic S, Cubela M, Rodek J, Ostojic L, Jelicic M, Bianco A, Sekulic D (2017) Prospective Analysis of the Influence of Sport and Educational Factors on the Prevalence and Initiation of Smoking in Older Adolescents from Croatia. International Journal of Environmental Research and Public Health. 14(4). E446
- Sekulic D, Sisic N, Terzic A, Jasarevic I, Ostojic L, Pojskic H, Zenic N (2017) Sport and scholastic factors in relation to smoking and smoking initiation in older adolescents: a prospective cohort study in Bosnia and Herzegovina. *BMJ Open*, 7 (3) e014066.
- Sekulic D, Tahiraj E, Zvan M, Zenic N, Uljevic O, Lesnik B (2016) Doping Attitudes and Covariates of Potential Doping Behaviour in High-Level Team-Sport Athletes; Gender Specific Analysis. *Journal of Sports Science and Medicine*. 15(4) 606-615.
- Bjelica D, Idrizovic K, Popovic S, Sisic N, Sekulic D, Ostojic L, Spasic M, Zenic N (2016) An Examination of the Ethnicity-Specific Prevalence of and Factors Associated with Substance Use and Misuse: Cross-Sectional Analysis of Croatian and Bosniak Adolescents in Bosnia and Herzegovina. *International Journal of Environmental Research and Public Health*, 13(10), 968.
- Sajber D, Tahiraj E, Zenic N, Peric M, Sekulic D (2016) Alcohol Drinking Among Kosovar Adolescents: An Examination
 of Gender-Specific Sociodemographic, Sport, and Familial Factors Associated With Harmful Drinking. Substance Use
 and Misuse. 51(4) 533-539.
- Tahiraj E, Cubela M, Ostojic L, Rodek J, Zenic N, Sekulic D, Lesnik B (2016). Prevalence and Factors Associated with Substance Use and Misuse among Kosovar Adolescents; Cross Sectional Study of Scholastic, Familial-, and Sports-Related Factors of Influence. *International Journal of Environmental Research and Public Health*, 13(5), 502.
- Peric M, Zenic N, Sekulic D, Kondric M, Zaletel P (2016) Disordered eating, amenorrhea, and substance use and misuse among professional ballet dancers: Preliminary analysis. *Medycyna Pracy.* 67(1): 21-27.
- Ostojic S, Stojanovic M, Drid P, Hoffman JR, Sekulic D, Zenic N (2016) Supplementation with Guanidinoacetic Acid in Women with Chronic Fatigue Syndrome. *Nutrients*. 8(2) 74.
- Zenic N, Ostojic L, Sisic N, Pojskic H, Peric M, Uljevic O, Sekulic D (2015) Examination of the community-specific prevalence of and factors associated with substance use and misuse among Rural and Urban adolescents: a cross-sectional analysis in Bosnia and Herzegovina. *BMJ Open.* 5:e009446.
- Zaletel P, Versic S, Peric M, Zenic N, Sekulic D, Kondric M (2015) Toward (more) effective antidoping policy in sports: what should we target in antidoping efforts? *Medicina dello Sport*. 68(3):447-460.
- Zenic N, Terzic A, Rodek J, Spasic M, Sekulic D (2015) Gender-Specific Analyses of the Prevalence and Factors Associated with Substance Use and Misuse among Bosniak Adolescents. International Journal of Environmental Research and Public Health. 12(6) 6626-6640.
- Cerkez I, Culjak Z, Zenic N, Sekulic D, Kondric M (2015) Harmful alcohol drinking among adolescents: the influence of sport participation, religiosity, and parental factors. *Journal of Child & Adolescent Substance Abuse*. 24(2) 94-101.

- Idrizovic K, Zenic N, Tahiraj E, Rausavljevic N, Sekulic D (2015) Cigarette smoking among 17–18 year old adolescents Prevalence and association with sociodemographic, familial, sport, and scholastic factors. *Medycyna Pracy*. 66(2) 153-163
- Sekulic D, Bjelanovic L, Pehar M, Pelivan K, Zenic N. (2014) Substance use and misuse and potential doping behavior in rugby union players. *Research in Sports Medicine*;22(3) 226-239
- Sekulic D, Milanovic I, Bok D, Jukic I, Matika D (2014) Substance use and misuse in the Croatian Army Special Forces: prevalence and influencing factors. *International Journal of Occupational Medicine and Environmental Health*, 27(1) 123-131.
- Sekulic D, Ostojic M, Vasilj M, Coric S, Zenic N (2014) Gender-specific predictors of cigarette smoking in adolescents: an analysis of sport participation, parental factors and religiosity as protective/risk factors. *Journal of Substance Use*, 19 (1-2) 89-94.
- Ostojic SM, Stojanovic M, Calleja-Gonzalez J, Olcina G, Sekulic D, Hoffman JR (2014) Performance-enhancing effects of non-selective endothelin receptor antagonist. *International Journal of Cardiology*, 171(2) 294-297.
- Kondric M, Sekulic D, Uljevic O, Gabrilo G, Zvan M (2013) Sport nutrition and doping in tennis: An analysis of athletes' attitudes and knowledge. Journal of Sports Science and Medicine, 12(2) 290-297.
- Zenic N, Stipic M, Sekulic D (2013) Religiousness as a factor of hesitation against doping behavior in college-age athletes. Journal of Religion and Health, 52(2) 386-396.
- Sajber D, Rodek J, Escalante Y, Olujic D, Sekulic D (2013) Sport nutrition and doping factors in swimming; Parallel analysis among athletes and coaches. *Collegium Antropologicum*, 37(2) 179-186.
- Gabrilo G, Ostojic M, Idrizovic K, Novosel B, Sekulic D (2013) A retrospective survey on injuries in Croatian football/soccer referees. BMC Musculoskeletal Disorders, 14-88.
- Rodek J, Sekulic D, Kondric M (2012) Dietary supplementation and doping-related factors in high-level sailing. Journal of the International Society of Sports Nutrition 9 – 51.
- Cavar M., Sekulic D, Culjak Z (2012) Complex interaction of religiousness with other factors in relation to substance use and misuse among female athletes. *Journal of Religion and Health*, 51(2) 381-389
- Sekulic D, Ostojic M, Ostojic, Z. Hajdarevic B, Ostojic L (2012) Substance abuse prevalence and its relation to scholastic achievement and sport factors: An analysis among adolescents of the Herzegovina-Neretva Canton in Bosnia and Herzegovina. BMC Public Health 12:274
- Kondric M, Sekulic D, Petroczi A, Ostojic L, Rodek J, Ostojic Z (2011) Is there a danger for myopia in anti-doping education? Comparative analysis of substance use and misuse in Olympic racket sports calls for a broader approach. Substance Abuse, Treatment, Prevention and Policy. 6 (1) 27
- Modric T, Zenic N, Sekulic D (2011) Substance use and misuse in Croatian 17- to 18-year-old adolescents: correlation with scholastic and sport factors. Substance Use and Misuse. 2011 46(10) 1328
- Sekulic D, Peric M, Rodek J (2010) Substance use and misuse among professional ballet dancers. Substance Use and Misuse, 45(9) 1420-1430
- Kondric M, Sekulic D, Furjan Mandic G (2010) Substance use and misuse among Slovenian table tennis players. Substance Use and Misuse, 45(4) 543-553.
- Rodek J., Sekulic D, Pasalic E (2009) Can we Consider Religiousness as a Protective Factor Against Doping in Sport? Journal of Religion and Health. 48(4) 445-453.
- Sekulic D, Kostic R, Rodek J, Damjanovic V, Ostojic Z (2009) Religiousness as a Protective Factor for Substance Use in Dance Sport. *Journal of Religion and Health*. 48(3) 269-277.
- Sekulic D., Kostic R, Miletic D (2008) Substance use in dance sport. Medical Problems of Performing Artists, 23(2) 66-70.
- Sekulic D, Tocilj J (2006) Pulmonary function in military divers: smoking habits and physical fitness training influence. *Military Medicine*, 171 (11) 1071-1075.

OTHER TOPICS

- Stankovic DV, Sinkovic A, Sekulic D, Jelicic M, Rodek J. (2022) Knowledge of the Legal Issues of Anti-Doping Regulations: Examining the Gender-Specific Validity of the Novel Measurement Tool Used for Professional Athletes. Sustainability. 14(19):12883. https://doi.org/10.3390/su141912883
- Foretic N, Nikolovski Z, Maric D, Gabrilo G, Sekulic D, Jaksic D, Drid P. (2022) Stress Levels in Handball Coaching-Case Study: Preliminary Analysis of the Differences between Training and Match. International Journal of Environmental Research and Public Health 18;19(16):10251
- Jakšić D, Trbojević Jocić J, Maričić S, Miçooğullari BO, Sekulić D, Foretić N, Bianco A, Drid P (2022) Mental skills in Serbian handball players: In relation to the position and gender of players. *Frontiers in Psychology*. 13:960201. doi: 10.3389/fpsyg.2022.960201
- Todorović N, Ranisavljev M, Tapavički B, Zubnar A, Kuzmanović J, Štajer V, Sekulić D, Veršić Š, Tabakov S, Drid P. (2021) Principles of Rapid Weight Loss in Female Sambo Athletes. *International Journal of Environmental Research and Public Health*. 18(21):11356
- Foretic N, Nikolovski Z, Peric I, Sekulic D (2020) Testosterone, cortisol and alpha-amylase levels during a handball match; analysis of dynamics and associations. *Research in Sports Medicine* 28(3):360-370.
- Zubac D, Karnincic H, Sekulic D (2018) Rapid Weight Loss is Not Associated With Competitive Success in Elite Youth Olympic-style Boxers in Europe. International Journal of Sports Physiology and Performance. 13(7) 860-866
- Milanovic Z, Sporis G, Trajkovic N, Sekulic D, James N, Vuckovic G (2014) Does SAQ training improve the speed and flexibility of young soccer players? A randomized controlled trial. *Human Movement Science*. 38: 198-208
- Kondric M, Zagatto MA, Sekulic D (2013) The physiological demands of table tennis: A review. Journal of Sports Science and Medicine, 12(3) 362-370.
- Miletic D, Sekulic D, Ostojic L (2007) Body physique and prior training experience as determinants of SEFIP score for University dancers. *Medical Problems of Performing Artists*, 22(3) 110-115.
- Sekulic D, Krstulovic S, Katic R, Ostojic L (2006) Judo training is more effective in fitness development than recreational sports for 7-year-old-boys. *Pediatric Exercise Science*, 18(3) 329-338.
- Sekulic D, Rausavljevic N, Zenic N (2006) Students' instructors' physiological responses during step aerobic exercise. Biology of Sport, 23(2) 171-183.
- Sekulic, D, Medved VI, Rausavljevic N, Medved Ve (2006) EMG analysis of muscle load during simulation of characteristic postures in dinghy sailing, *Journal of Sports Medicine and Physical Fitness*, 46(1) 20-27.
- Males B, Sekulic D, Katic R (2004) Morphological and motor-endurance changes are highly related in Croatian navy male recruits. *Military Medicine*. 169(1) 65-70.
- Sekulic D, Viskic-Stalec N, Rausavljevic N (2003) Non Linear relations between selected anthropological predictors and psycho-physiological exercise responses. Collegium Antropologicum, 27(2) 587-599.
- Jelicic M, Sekulic D, Marinovic M (2002) Anthropometric Characteristics of High Level European Junior basketball players. Collegium Antropologicum, 26 (2) 69-77.