

DR STEFAN KOLIMECHKOV

CHELSEA GYMNASTICS ACADEMY LTD, LONDON, UK

dr.stefan.kolimechkov@gmail.com

www.stk-sport.co.uk



Last update: April 2023

LIST OF CITATIONS

CITED PEER-REVIEWED JOURNAL ARTICLES

24. **Kolimechkov, S.**, Seijo, M., Swaine, I., Thirkell, J., Colado, J. C., & Naclerio, F. (2023). Physiological effects of microcurrent and its application for maximising acute responses and chronic adaptations to exercise. *European journal of applied physiology*, 123(3), 451–465. <https://doi.org/10.1007/s00421-022-05097-w>

Citations: 1

1. Antunes, G. C., Macêdo, A. P. A., Conceição, L. R., & Pauli, J. R. (2022). Mirabegron and Physical Exercise Is a Potential Strategical for BAT Activation in Obesity. *Obesities*, 2(4), 380–388. <https://doi.org/10.3390/obesities2040032>

23. Bonova, I., **Kolimechkov, S.**, Mavrudiev, P., Mitsov, D., Dasheva, D. (2022). The effect of trainability on the physical fitness of young athletes. *Journal of Applied Sports Sciences*, 1(2022), 57-72. <http://dx.doi.org/10.37393/JASS.2022.01.5>

Citations: 0

22. **Kolimechkov, S.**, Douglas, D., Izov, N., Alexandrova, A., & Petrov, L. (2022). The effect of turmeric and its compound curcumin on muscle recovery in athletes: mini review. *Kinesiologia Slovenica*, 28(1), 83-95. <https://doi.org/10.52165/kinsi.28.1.83-95>

Citations: 0

21. Petrov, L., Alexandrova, A., Makaveev, R., Penov, R., Bonova, I. & **Kolimechkov, S.** (2022). Copper, selenium, zinc, and iron deficiencies in male athletes. *Journal of Physical Education and Sport*, 22(2), 423 - 429. doi: 10.7752/jpes.2022.02053

Citations: 0

20. **Kolimechkov, S.**, Petrov, L., Vankova, D., & Douglas, D. (2022). Nutritional Assessment of Female Yoga Practitioners with Different Levels of Experience. *Sport Mont*, 20(1), 45-49. doi: 10.26773/smj.220208

Citations: 0

19. Petrov, L., Alexandrova, A., Kachaunov, M., Penov, R., Sheytanova, T., & **Kolimechkov, S.** (2021). Effect of glutathione supplementation on swimmers' performance. *Pedagogy of Physical Culture and Sports*, 25(4), 215-224. <https://doi.org/10.15561/26649837.2021.0403>

Citations: 0

18. **Kolimechkov, S.**, Yanev, I., Kiuchukov, I., Petrov, L. (2021). Kinematic analysis of double back straight somersault and double back straight somersault with full twist on rings. *Science of Gymnastics Journal*, 13(2), 191 - 202. DOI: <https://doi.org/10.52165/sgj.13.2.191-202>

Citations: 2

2. Rathore, P., & Chandel, S. (2023). Factor's indicating the performance in men's artistic gymnastics based on extracted variables at the initial stage of training. *Health, Sport, Rehabilitation*, 9(1), 45-54. <https://doi.org/10.34142/HSR.2023.09.01.04>

1. Malří, R., Chrudimský, J., Šteffl, M., & Stastny, P. (2023). A Systematic Review of Dynamic, Kinematic, and Muscle Activity during Gymnastic Still Rings Elements. *Sports*, 11(3), 50. <https://doi.org/10.3390/sports11030050>

17. **Kolimechkov, S.**, Petrov, L., & Alexandrova, A. (2021). Artistic Gymnastics Improves Biomarkers Related to Physical Fitness and Health at Primary School Age. *International Journal of Applied Exercise Physiology*, 10(1), 115-128.

Citations: 0

16. Izov, N., Alexandrova, A., Petrov, L., Kachaunov, M., Sheytanova, T., & **Kolimechkov, S.** (2020). Dynamics of training distress, performance, and excretion of cortisol and cortisone in urine during six weeks of training in elite swimmers. *Human. Sport. Medicine*, 20(S1), 84-91. <https://doi.org/10.14529/hsm20s111>

Citations: 1

1. Tonoyan, K., Tarasova, L., & Korzhenevskiy, A. (2022). Biological Markers of Training Level among Qualified Greco-Roman Wrestlers. *Open Access Macedonian Journal of Medical Sciences (OAMJMS)*, 10(A), 12–15. <https://doi.org/10.3889/oamjms.2022.7505>

15. **Kolimechkov, S.**, Castro-Piñero, J., Petrov, L., Alexandrova, A. (2020). The effect of elbow position on the handgrip strength test in children: validity and reliability of TKK 5101 and DynX

dynamometers. *Pedagogy of Physical Culture and Sports*. 24(5), 240-7.
<https://doi.org/10.15561/26649837.2020.0504>

Citations: 2

2. Tian, C., Wei, X., Pang, P., Tang, T., & Luo, J. (2022). Optimization Design and Simulation of Frequency Conversion and Speed Control Integrated Machine. *Journal of Physics: Conference Series*, 2396 012042. DOI 10.1088/1742-6596/2396/1/012042

1. Castro-Piñero J, Marin-Jimenez N, Fernandez-Santos JR, Martin-Acosta F, Segura-Jimenez V, Izquierdo-Gomez R, Ruiz JR, Cuenca-Garcia M. (2021). Criterion-Related Validity of Field-Based Fitness Tests in Adults: A Systematic Review. *Journal of Clinical Medicine*, 10(16):3743. <https://doi.org/10.3390/jcm10163743>

14. **Kolimechkov, S.** & Petrov, L. (2020). The Body Mass Index: A Systematic Review. *Journal of Exercise Physiology and Health*, 3(2), 21-27.

Citations: 2

2. Badawe, E.M., Abdel Gawad, H., El-Nagdy, M.S. et al. Variations induced by body weight and background lesion normalization in standardized uptake value estimated by F18-FDG PET/CT. *European J Hybrid Imaging* 6, 22 (2022). <https://doi.org/10.1186/s41824-022-00142-5>

1. Kamal, S. A. (2022). Prevalence of acute malnutrition in children of Karachi determined from their Growth-and-Obesity Roadmaps 4.5 - the tenth-generation solution of childhood obesity-and-malnutrition. *International Journal of Biology and Biotechnology*, 19 (4): 451-467

13. Miteva, S., Yanev, I., **Kolimechkov, S.**, Petrov, L., Mladenov, L., Georgieva, V., & Somlev, P. (2020). Nutrition and body composition of elite rhythmic gymnasts from Bulgaria. *International Journal of Sports Science & Coaching*, 15(1), 108–116. <https://doi.org/10.1177/1747954119892803>

Citations: 4

4. Kontele, I.; Grammatikopoulou, M.G.; Vassilakou, T. (2021). Level of Adherence to the Mediterranean Diet and Weight Status among Adolescent Female Gymnasts: A Cross-Sectional Study. *Children*, 8, 1135. <https://doi.org/10.3390/children8121135>

3. Juzwiak, C.R. (2021). Understanding food choices and eating practices of Brazilian and Spanish athletes in aesthetics and weight class sports. *Motriz. Revista de Educação Física*, 27(3). <http://dx.doi.org/10.1590/S1980-65742021021020>

2. Peláez-Barrios, E., & Vernetta, M. (2020). Nutritional habits in gymnasts: a systematic review. *Revista Iberoamericana De Ciencias De La Actividad Física Y El Deporte*, 9(3), 116-130. <https://doi.org/10.24310/riccafd.2020.v9i3.9575>

1. Xu, C, Yao, M., Kang, M., Duan, G. (2020). Improving Physical Fitness of Children with Intellectual and Developmental Disabilities through an Adapted Rhythmic Gymnastics Program in China, *BioMed Research International*, vol. 2020, Article ID 2345607. <https://doi.org/10.1155/2020/2345607>

12. Penov, R., Petrov, L., **Kolimechkov, S.** (2020). Changes in heart rate and blood lactate concentration during karate kata competition. *Pedagogy of physical culture and sports (Pedagogics, psychology, medical-biological problems of physical training and sports)*, 24(3):137-142. <https://doi.org/10.15561/26649837.2020.0306>

Citations: 3

3. Lassalvia, C.E., Julio, U.F., Franchini, E. (2021). Effects of simulated kata competition on upper- and lower-body power tests performance. *Revista de Artes Marciales Asiáticas*, 16(2) 89-99.

2. Augustovicova, D., Hadza, R., Styriak, R. & Barinec, P. (2021). Physiological Response to Different Kata Performances. *Acta Facultatis Educationis Physicae Universitatis Comenianae*, 61(1) 14-23. <https://doi.org/10.2478/afepuc-2021-0002>

1. Podrigalo, L.V., Iermakov, S., Jagiello, W. (2020). Metabolic and Endocrine Changes Determined in Saliva of Adolescents Engaged in Computer Gaming. *BioMed Research International*, vol.2020, article ID 1649759. <https://doi.org/10.1155/2020/1649759>

11. Neykov, S., Bachev, V., Petrov, L., Alexandrova, A., Andonov, S., & **Kolimechkov, S.** (2019). Application of hypoxicators in the rowers' training. *Pedagogics, Psychology, Medical-Biological Problems of Physical Training and Sports*, 23(5), 239-245. DOI: 10.15561/18189172.2019.0505

Citations: 1

1. Chinapong, S., Khaosanit, P., & Boonrod, W. (2021). Effects of normobaric hypoxic exercise for 6-weeks on endurance performance in moderately trained rowers. *Suranaree Journal of Science and Technology*, 28(4), 070021(1-6)

10. **Kolimechkov, S.**, Yanev, I., Kiuchukov, I., Petrov, L., Alexandrova, A., Zaykova, D., & Stoimenov, E. (2019). Nutritional status and body composition of young artistic gymnasts from Bulgaria. *Journal of Applied Sports Sciences*, 1, 39-52.

Citations: 2

2. Kara, E. (2021). Artistik Cimnastikçilerde Büyüme ve Olgunlaşma. *Kilis 7 Aralık Üniversitesi Beden Eğitimi ve Spor Bilimleri Dergisi*, 5(1), 51-67 [in Turkish]

1. Gifari, N., Nuzrina, R., Kuswari, M., Hutami, N.T., Ghaldia, A. (2020). Relationship between nutrition knowledge and aerobic fitness in young gymnasts. *Science of Gymnastics Journal*, 12(2), 195-202

9. Kiuchukov, I., Yanev, I., Petrov, L., **Kolimechkov, S.**, Alexandrova, A., Zaykova, D., & Stoimenov, E. (2019). Impact of gymnastics training on the health-related physical fitness of young female and male artistic gymnasts. *Science of Gymnastics Journal*, 11(2), 175 - 187.

Citations: 7

7. Wang, W., Tu, Y., Kozlova, E. & Fang, K. (2023). Formation of medical information model for rehabilitation of highly qualified athletes. *Arch Med Deporte*, 40(1), 40-48. DOI: 10.18176/archmeddeporte.00119

6. Pei, Y., Chen, Y. & Qu, G. (2023). Application of state-of-the-art computer technology to strength training in tennis instruction. *Revista Brasileira de Medicina do Esporte*, 29(3), 1-5. https://doi.org/10.1590/1517-8692202329012022_0154
5. Omorczyk, J., Staszkiwicz, R., Wrzesniewski, K., & Puszczalowska-Lizis, E. (2022). Static Balance in Female Artistic Gymnasts and Non-Training Girls. *Applied Sciences*, 12(23), 12454. <https://doi.org/10.3390/app122312454>
4. Hes, B. P., & Asienkiewicz, R. (2022). Physical fitness of pupils of sports classes with a sports acrobatics profile -a two-year study. *Science of Gymnastics Journal*, 14(2), 185–200. <https://doi.org/10.52165/sgj.14.2.185-200>
3. Vernetta, M., Montosa, I., Ariza, L., & López Bedoya, J. (2022). ARISTO functional battery in rhythmic gymnastics (BFAGR): reliability and applicability in basic level gymnast girls. *Revista Iberoamericana De Ciencias De La Actividad Física Y El Deporte*, 11(1), 81-103. <https://doi.org/10.24310/riccafd.2022.v11i1.13015>
2. Tanasă, A., Moraru, C., Trofin, P., Iordache, A., Tomozei, A., & Stefan, G. (2021). Study on the Physical Training of Female Gymnasts in Beam. *Bulletin of the Transilvania University of Brasov, Series IX: Sciences of Human Kinetics*, 14(63), 23-30.
1. He, W. (2020). Exploration of the Development Path of Aerobics under the Change of Competition Rules. *Frontiers in Sport Research*, 2(6), 25-34.

-
8. Alexandrova, A., Petrov, L., Makaveev, R., Tsvetanova, E., Georgieva, A. & **Kolimechkov, S.** (2019). Erythrocyte Oxidative Status after Maximal Aerobic Test in Wrestlers. *Human. Sport. Medicine*, 19(1), 15-21. DOI: 10.14529/hsm190102.

Citations: 0

-
7. **Kolimechkov, S.**, Petrov, L., & Alexandrova, A. (2019). Alpha-fit test battery norms for children and adolescents from 5 to 18 years of age obtained by a linear interpolation of existing European physical fitness references. *European Journal of Physical Education and Sport Science*, 5(4), 1-14.

Citations: 8

8. Encarnação, S. G. A. da, Flores, P., Magalhães, D., Afonso, G., Pereira, A., Fonseca, R. B., Ribeiro, J., Silva-Santos, S., Teixeira, J. E., Monteiro, A. M., Ferraz, R., Branquinho, L., & Forte, P. (2022). The Influence of Abdominal Adiposity and Physical Fitness on Obesity Status of Portuguese Adolescents. *International Journal of Environmental Research and Public Health*, 19(18), 11213. <https://doi.org/10.3390/ijerph191811213>
7. Bondi, D., Robazza, C., Lange-Küttner, C., Pietrangelo, T. (2022). Fine motor skills and motor control networking in developmental age. *American Journal of Human Biology*, 34(8), 1-15. <https://doi.org/10.1002/ajhb.23758>
6. Przednowek, K.H., Niewczas, M, Wojcik, L., Pasko, W., Iskra, J., Przednowek, K. (2021). Physical fitness percentiles of Polish children aged 4–7 years. *Scientific Reports*, 11(1), 7367. <https://doi.org/10.1038/s41598-021-86903-x>
5. Iglesias-Soler E, Rúa-Alonso M, Rial-Vázquez J, Lete-Lasa JR, Clavel I, Giráldez-García MA, Rico-Díaz J, Corral MR-D, Carballeira-Fernández E and Dopico-Calvo X. (2021). Percentiles and Principal Component Analysis of Physical Fitness from a Big Sample of Children and

Adolescents Aged 6-18 Years: The DAFIS Project. *Front. Psychol.* 12:627834. DOI: 10.3389/fpsyg.2021.627834

4. Smits-Engelsman, B., Bonney, E. and Ferguson, G. (2021). Effects of Graded Exergames on Fitness Performance in Elementary School Children With Developmental Coordination Disorder. *Front. Sports Act. Living* 3:653851. DOI: 10.3389/fspor.2021.653851

3. Bondi, D., Robazza, C., Russo, E., Russo, P., Pietrangelo, T. (2020). Monitoring physical and motor traits in Primary school: a local harmful situation for older children. *Journal of Sports Medicine and Physical Fitness*, 61. DOI: 10.23736/S0022-4707.20.11251-9

2. Bondi, D., Robazza, C., Pietrangelo, T. (2020). The Assessment of Task-Dependent Manual Laterality in Second Grade Students. *Turkish Journal of Sports Medicine*, 55(3), 239-245. DOI: 10.5152/tjism.2020.182

1. Thomas, E., Petrigna, L., Tabacchi, G., Teixeira, E., Pajaujiene, S., Sturm, D., Sahin, F., Gómez-López, M., Pausic, J., Paoli, A., Alesi, M., & Bianco, A. (2020). Percentile values of the standing broad jump in children and adolescence aged 6-18 years old. *European Journal of Translational Myology*. <https://doi.org/10.4081/ejtm.0.9050>

6. Petrov, L., Penov, R., **Kolimechkov, S.** & Alexandrova, A. (2018). Physiological and biochemical changes after a programmed kumite in male Shotokan karate practitioners. *Archives of Budo Science of Martial Arts and Extreme Sports*, 14, 171 - 178.

Citations: 2

2. Ianchuk, K. (2021). Relationship Between Speed of Striking and Time to Exhaustion of an Elite Deaf Karateka. *Scientific Journal of National Pedagogical Dragomanov University. Series 15. Scientific and Pedagogical Problems of Physical Culture (physical Culture and Sports)*, 8(139), 130-134. [https://doi.org/10.31392/NPU-nc.series15.2021.8\(139\).24](https://doi.org/10.31392/NPU-nc.series15.2021.8(139).24)

1. Cojocar, M., Mereuta, C., Iordan, D. (2020). Development of Static-Active Flexibility Specific to Shotokan Karate Foot Techniques. *Annals of 'Dunarea De Jos' University of Galati*, 2, 33-41.

5. Alexandrova, A., Penov, R., Petrov, L., Cholakov, K., & **Kolimechkov, S.** (2018). Competitive bout model as a tool for estimation of female karateka specific endurance. *European Journal of Physical Education and Sport Science*, 4(9), 30-41.

Citations: 0

4. **Kolimechkov, S.**, Petrov, L., Alexandrova, A., & Cholakov, K. (2018). BeepShuttle Junior: Software for the Administration of the 20m Shuttle Run Test in Children and Adolescents. *Journal of Advanced Sport Technology*, 1(3), 35-40.

Citations: 1

1. Bonova, I. (2020). Trainability of Players from the Bulgarian Youth National Field Hockey Team. *Trakia Journal of Sciences*. 18(Suppl.1), 663-668.

3. Kolimechkov, S. (2017). Physical fitness assessment in children and adolescents: a systematic review. *European Journal of Physical Education and Sport Science*, 3(4), 65-78.

Citations: 21

- 21.** Galán-Arroyo, C., Mendoza-Muñoz, D. M., Pérez-Gómez, J., Hernández-Mosqueira, C., & Rojo-Ramos, J. (2023). Analysis of Self-Perceived Physical Fitness of Physical Education Students in Public Schools in Extremadura (Spain). *Children*, 10(3), 604. <https://doi.org/10.3390/children10030604>
- 20.** Ke D, Maimaitijiang R, Shen S, Kishi H, Kurokawa Y and Suzuki K (2022) Field-based physical fitness assessment in preschool children: A scoping review. *Front. Pediatr.* 10:939442. doi: 10.3389/fped.2022.939442
- 19.** Bao, R.; Chen, S.; Kastelic, K.; Drenowatz, C.; Li, M.; Zhang, J.; Wang, L. (2022). Reliability of International Fitness Scale (IFIS) in Chinese Children and Adolescents. *Children*, 9, 531. <https://doi.org/10.3390/children9040531>
- 18.** Till K, Lloyd RS, McCormack S, Williams G, Baker J, Eisenmann JC (2022). Optimising long-term athletic development: An investigation of practitioners' knowledge, adherence, practices and challenges. *PLoS ONE* 17(1): e0262995. <https://doi.org/10.1371/journal.pone.0262995>
- 17.** de Almeida e Bueno, L., Kwong, M.T., Milnthorpe, W.R.F., Cheng, R. & Bergmann, J.H.M. (2021). Applying ubiquitous sensing to estimate perceived exertion based on cardiorespiratory features. *Sports Engineering*, 24,(9). <https://doi.org/10.1007/s12283-021-00346-1>
- 16.** Slotte, S., Kukkonen-Harjula, K., Rinne, M., Valtonen, J. & Rintala, P. (2021). Associations of muscular fitness and body composition in children. *Early Child Development and Care*. <https://doi.org/10.1080/03004430.2021.1982928>
- 15.** Polak, E. & Wojtuń-Sikora, B. (2021). Changes in motor skills among early school aged girls under the influence of regularly practiced dance, *Research in Dance Education*. <https://doi.org/10.1080/14647893.2020.1867089>
- 14.** Godoy-Cumillaf, A., Bizzozero-Peroni, B., Tomkinson, G.R., Brazo-Sayavera, J. (2021). Physical fitness of Latin America children and adolescents: a protocol for a systematic review and meta-analysis. *BMJ Open* 11:e047122. <http://dx.doi.org/10.1136/bmjopen-2020-047122>
- 13.** Przednowek, K.H., Niewczas, M, Wojcik, L., Pasko, W., Iskra, J., Przednowek, K. (2021). Physical fitness percentiles of Polish children aged 4–7 years. *Scientific Reports*, 11(1), 7367. <https://doi.org/10.1038/s41598-021-86903-x>
- 12.** Wan Yunus, F., Tan, X. Z., & Romli, M. H. (2020). Investigating the Feasibility of Exergame on Sleep and Emotion Among University Students. *Games for health journal*, 9(6), 415–424. <https://doi.org/10.1089/g4h.2019.0077>
- 11.** Hanapiah, K. S. B., Hashim, A. Bin., & Abd Karim, Z. Bin. (2020). Influencing Effect of Physical Fitness Components on Football Playing Ability Among Male Players Under 14 Years. *International Journal of Academic Research in Progressive Education & Development*. 9(3), 12-25. <http://dx.doi.org/10.6007/IJARPED/v9-i3/8086>
- 10.** Gea-García, G.M., González-Gálvez, N., Espeso-García, A., Marcos-Pardo, P.J., González-Fernández, F.T. and Martínez-Aranda, L.M. (2020) Relationship Between the Practice of Physical Activity and Physical Fitness in Physical Education Students: The Integrated Regulation As a Mediating Variable. *Front. Psychol.* 11:1910. doi: 10.3389/fpsyg.2020.01910

9. Basir, J. M., Zain, A., & Osman, Z. (2020). Children Health Related Fitness Test. *International Journal of Modern Trends in Social Sciences*, 3 (12), 64- 71. [in Malaysian]
8. Emeljanovas, A., Mieziene, B., Cesnaitiene, V. J., Fjortoft, I., & Kjønnsen, L. (2020). Physical Fitness and Anthropometric Values Among Lithuanian Primary School Children: Population-Based Cross-Sectional Study. *Journal of strength and conditioning research*, 34(2), 414–421. <https://doi.org/10.1519/JSC.0000000000003387>
7. Thomas, E., Petrigna, L., Tabacchi, G., Teixeira, E., Pajaujiene, S., Sturm, D., Sahin, F., Gómez-López, M., Pausic, J., Paoli, A., Alesi, M., & Bianco, A. (2020). Percentile values of the standing broad jump in children and adolescence aged 6-18 years old. *European Journal of Translational Myology*. 30(2), 240-246. <https://doi.org/10.4081/ejtm.0.9050>
6. Zerf, M. & Kherfane, M.H. (2020). Balance as a postural key component (core) for establishing physical state in school program reports. *Quality in Sport*, 6(2), 28 - 33. DOI: 10.12775/QS.2020.009
5. Genc, H. (2019). Physical Fitness and Physical Fitness Elements. In U. A. Ozturk (Ed.), *Sports and Recreation Research Books 2* (pp. 135-152). Turkey, Cizgi. ISBN: 978-605-196-398-3 [in Turkish]
4. Di Vincenzo, O.; Marra, M.; Di Gregorio, A.; Caldara, A.; De Lorenzo, A. and Scalfi, L. (2019). Body Composition and Physical Fitness in Elite Water Polo Athletes. In *Proceedings of the 7th International Conference on Sport Sciences Research and Technology Support - Volume 1: icSPORTS*, ISBN 978-989-758-383-4, pages 157-160. DOI: 10.5220/0008161401570160
3. Boeva, S. (2019). The educational process in physical education and sports in primary school - problems and prospects. Plovdiv, Bulgaria:"Paisiy Hilendarski". ISBN 978-619-202-403-1. [in Bulgarian].
2. Alkan, H. & Mutlu, A. (2019). Investigation of the Relationship Between Physical Fitness And Birth Weight, Income Level And School Period in Preschool Children. *Journal of Social Sciences of Mus Alparslan University*, 7(5), 37 - 43.
1. Boeva, S. (2018). Physical preparation of primary school children - theory and practice. Plovdiv, Bulgaria:"Paisiy Hilendarski". ISBN: 978-619-202-325-6. [in Bulgarian].

2. **Kolimechkov, S.T.**, Petrov, L.A., Alexandrova, A.V. & Atanasov, P.S. (2016). Nutrition and physical development assessment of pre-school and primary school children practising artistic gymnastics. *African Journal for Physical Activity and Health Sciences*, 22(2:2), 565-577.

Citations: 3

3. Zaykova, D. (2019). Evaluation of diet of people training CrossFit. In T. Iancheva (Ed.), *International Scientific Congress 'Applied Sports Sciences' 2019* (pp. 20-24). Sofia, Bulgaria: NSA Press.
2. Petrov, L. (2017). Proteins and amino acids supplements used by women practicing strength sports. *Physical Education, Sport, Kinesitherapy Research Journal*, 2(3), 111 - 117.
1. Alexandrova, A., Petrov, L., Zaekov, N., Bozhkov, B. & Zsheliaskova-Koynova, Z. (2017). Nutritional status in short-term overtraining boxers. *Acta Scientifica Naturalis*, 4(1), 76-83. DOI: <https://doi.org/10.1515/asn-2017-0012>

1. **Kolimechkov, S.**, Petrov, L., Ilinova, B., Alexandrova, A., Andreeva, L. & Atanasov, P. (2013). Assessment of the physical development of pre-school and primary school children practising artistic gymnastics. *Journal of Sport Science ('Спорт и Наука')* 2013, 4, 106-115.

Citations: 2

2. Olooto, W., Ayodele, M., Soola, J., Adenusi, H. & Agidingbi, F. (2022). Plasma Histone Deacetylase activities, Lipid Profile, and Glycated Haemoglobin levels as indicator of Glycemic control in Type 2 Diabetes Mellitus. *Acta Medica Saliniana*, 52(1-2), 1-6. DOI: 10.5457/ams.v52i1-2.556

1. Claire Mills (2021). Correlation between Actual versus Perceived Body Mass Index using a 3D Avatar on Female Football and Rugby Athletes. *J Clinical Research and Reports*, 9(1); DOI:10.31579/2690-1919/193

CITED ARTICLES PUBLISHED IN PROCEEDING BOOKS

4. Bonova, I., Mileva, E. & **Kolimechkov, S.** (2022). Morphological characteristics and health status of 8-19-year old girls. In T. Iancheva (Ed.), International Scientific Congress 'Applied Sports Sciences' 2022, Vol.2 (pp. 265 - 271). Sofia, Bulgaria: Scientific Publishing House NSA Press.

Citations: 0

3. Bachev, V., Petrov, L., Alexandrova, A., Neykov, S., **Kolimechkov, S.** and Mihaylov, V. (2019). Some metrological aspects of measurements of quantitative characteristics during a hypoxic training of elite rowers, XXIX International Scientific Symposium 'Metrology and Metrology Assurance' (MMA) 2019 (pp. 150-153). Sozopol, Bulgaria. doi: 10.1109/MMA.2019.8935990.

Citations: 0

2. Bonova, I., **Kolimechkov, S.**, Hristov, O., Petrova, B., Kostova, N. & Vekova, A. (2019). Physical fitness levels of Bulgarian primary school children in relationship to overweight and obesity. In T. Iancheva (Ed.), International Scientific Congress 'Applied Sports Sciences' 2019 (pp. 335-339). Sofia, Bulgaria: NSA Press.

Citations: 0

1. **Kolimechkov, S.**, Petrov L. & Alexandrova A. (2017). Physical activity assessment using a modified PAQ-C questionnaire. In T. Iancheva (Ed.), International Scientific Congress 'Applied Sports Sciences' 2017 (pp. 346-350). Sofia, Bulgaria: NSA Press.

Citations: 0