

1. ZAHALKA, F., T. MALÝ, L. MALA, P. HRASKY, et al. Kicking Performance Differences In Soccer Players According To Age And Lower Limb Dominance. Medicine and Science in Sports and Exercise, May 2014d, 46(5), 954-954.
2. ZAHALKA, F., T. MALÝ, L. MALA, M. EJEM, et al. Kinematic Analysis of Volleyball Attack in the Net Center with Various Types of Take-Off. Journal of Human Kinetics, 2017, 58(1), 261-271.
3. ZAHÁLKA, F., T. MALÝ, L. MALÁ, M. BUZEK, et al. Changes in Specific Soccer Skills and Acceleration Induced by a Soccer Match. In R. VAEYENS. 3rd World Conference on Science and Soccer. Ghent, Belgium: Victoris&Ghent BC, 2012a, p. 219.
4. ZAHALKA, F., T. MALÝ, L. MALA, J. TEPLAN, et al. Power and Asymmetries of Elite Soccer Players in Various Types of a Vertical Jump. Medicine and Science in Sports and Exercise, May 2013, 45(5), 168-168.
5. ZAHÁLKA, F., T. MALÝ, L. MALÁ, J. TEPLAN, et al. Elite Soccer's Lower Limbs Explosive Strength Asymmetry. British journal of sports medicine, 2013a, 47(10), 3.
6. ZAHÁLKA, F., T. MALÝ, L. MALÁ, J. TEPLAN, et al. Elite Soccer's Lower Limbs Explosive Strength Asymmetry. In H. LOHRER. 3rd Cogress of the European College of Sport & Excercise Physicians. Frankfurt am Main: Sportmedizinisches Institut, 2013b, p. 68-69.
7. ZAHÁLKA, F., T. MALÝ, L. MALA, E. VAIDOVÁ, et al. Morphological and Postural Asymmetry of Lower Limbs in Elite Female Soccer Players. Medicine & Science in Sports & Excercise, 2013c, 45(5), 1752.
8. ZAHÁLKA, F., T. MALÝ, L. MALÁ AND T. GRYC. Changes of postural stability with regard to gender, age and visual control of children. In M. COELHO-E-SILVA, J., A. CUPIDO-DOS-SANTOS, A. FIGUEIREDO, J., J. FERREIRA, P. AND N. ARMSTRONG eds. Children and Excercise XXVIII. London and New York: Routledge, 2014, p. 119-124.
9. ZAHÁLKA, F., T. MALÝ, L. MALÁ AND J. TEPLAN. Explosive Symetrical Strength of Lower Limbs During a Vertical Jump in Soccer Goalkeepers. In R. VAEYENS. 3rd World Conference on Science and Soccer. Ghent, Belgium: Victoris&Gent BC, 2012c, p. 137.
10. ZAHÁLKA, F., T. MALÝ, L. MALÁ AND J. TEPLAN Bilateral strength assymetry during the vertical jump in professional soccer goalkeepers. Medicine & Science in Sports & Excercise, 2012b, 44(5), S281-S281.
11. ZAHALKA, F., T. MALÝ, L. MALA AND J. TEPLAN Bilateral Strength Assymetry During The Vertical Jump In Professional Soccer Goalkeepers. Medicine and Science in Sports and Exercise, May 2012, 44, 429-430.
12. ZAHALKA, F., T. MALÝ AND L. MALA. Selected postural stability parameters at senior's age. In F. HLAVAČKA AND J. LOBOTKOVÁ. 7th International Posture Symposium. Smolenice: Slovak Academy of Science, 2015, p. 90.
13. ZAHALKA, F., T. MALÝ AND L. MALA. Analysis of vertical jump parameters with respect to age and a type of a jump in young soccer players. In T. FAVERO, B. DURST AND B. DAWSON eds. International Research in Science and Soccer II. New York: Routledge, 2016a, p. 286-294.
14. ZAHALKA, F., T. MALÝ AND L. MALA Static and dynamic postural stability manifestation in the elderly population. edited by H. STEPANKOVA AND R. SLAMBEROVA. Edition ed. Praha 10: Charles Univ, Third Fac Medicine, 2016b. 216-225 p. ISBN 978-80-87878-23-1; 978-80-87878-22-4.
15. ZAHALKA, F., T. MALÝ AND L. MALA BODY POSTURAL STABILITY IN AGEING. Starnuti 2014, 2014a, 168-173.
16. ZAHALKA, F., T. MALÝ AND L. MALA 2014c. Body postural stability in aging. In Proceedings of the Starnuti 2014, Praha2014c, H. ŠTĚPÁNKOVÁ AND R. ŠLAMBEROVÁ eds. Charles Uni Third Fac Med, 168-173.
17. ZAHALKA, F., T. MALÝ AND L. MALA 2014b. Body postural stability in ageing. In Proceedings of the Starnuti 20142014b.

18. VAIDOVÁ, E., F. ZAHÁLKA, T. MALÝ, T. GRYC, et al. Asymetrie dolních končetin vzhledem k vybraným parametrům tělesného složení a posturální stability u fotbalistek. Česká Kinantropologie, 2012, 16(3), 229-238.
19. TEPLAN, J., T. MALÝ, P. HRÁSKÝ, F. ZAHÁLKA, et al. Funkční charakteristiky hráčů fotbalu. Studia Sportiva, 2012a, 6(1), 69-82.
20. TEPLAN, J., T. MALÝ, F. ZAHÁLKA, P. HRÁSKÝ, et al. Úroveň aerobní kapacity rozdílně úspěšných fotbalových týmů kategorie. Studia Kinanthropologica, 2012c, 13(1), 69-82.
21. TEPLAN, J., T. MALÝ, F. ZAHÁLKA, P. HRÁSKÝ, et al. The level of aerobic capacity in elite youth soccer players and its comparison in two age categories. Journal of Physical Education and Sport, 2012b, 12(1), 129-134.
22. TEPLAN, J., T. MALÝ, F. ZAHÁLKA, P. HRÁSKÝ, et al. The level and differences of aerobic capacity in three different young soccer teams in the U17 category. Sport Science, 2012d, 5(1), 43-48.
23. TEPLAN, J., T. MALÝ, F. ZAHÁLKA AND L. MALÁ Values of speed and aerobic capacity parameters as indicators of physical fitness in U18 and U19 soccer teams at the beginning of the pre-season period. Sport Science, 2013, 6(1), 87-94.
24. SCHWABOVA, J., T. MALY, J. LACZO, A. ZUMROVA, et al. Application of a Scale for the Assessment and Rating of Ataxia (SARA) in Friedreich's ataxia patients according to posturography is limited. Journal of the Neurological Sciences, Jun 2014, 341(1-2), 64-67.
25. SCHWABOVA, J., T. MALY, F. ZAHALKA, Z. MUSOVA, et al. The Importance of Posterior Column Signs for Differential Diagnosis of Hereditary Ataxias. Ceska a Slovenska neurologie a neurochirurgie, 2013, 76(3), 336-342.
26. SCHWABOVA, J., F. ZAHALKA, V. KOMAREK, T. MALY, et al. Uses of the postural stability test for differential diagnosis of hereditary ataxias. Journal of the Neurological Sciences, May 2012, 316(1-2), 79-85.
27. SCHWABOVA, J. P., T. MALY AND F. ZAHALKA Evaluation of peripheral and focal vision in proprioceptive differentiation of underfoot inversion angles: Comment on Witchalls, et al. (2013). Perceptual and Motor Skills, Apr 2015, 120(2), 623-627.
28. PSOHLAVEC, L., L. BLÁŽA, T. MALY AND F. ZAHALKA. Rozdíl rychlostních schopností elitních hráčů fotbalu U16. In J. SUCHY AND KOL. Proceedings of the Scientia Movens. Praha: UK FTVS, 2015, p. 72-78.
29. MALY, T., L. MALA, F. ZAHALKA, M. HANK, et al. Muscular strength of knee extensors and flexors and bilateral and ipsilateral ratio in elite male kickboxers. Archives of Budo, Apr 2017, 13, 107-116.
30. MALÝ, T., L. MALÁ, F. ZAHÁLKA AND J. TEPLAN Rozdiely telesného složenia ako prediktora kvality života z hľadiska ontogenézy a pohlavia pubescentov. Česká Kinantropologie, 2013a, 17(3), 82-90.
31. MALÝ, T., F. ZAHÁLKA, L. MALÁ, P. HRÁSKÝ, et al. Relationships between isokinetic knee strength, sprint and jump performance in young elite soccer players. In H. N., D. B. AND B. DAWSON eds. Science and Football VII. Routledge, 2012b, p. 119-124.
32. MALÝ, T., F. ZAHALKA, L. MALA, P. HRASKY, et al. Relationship between isokinetic knee strength, sprint and jump performance in young elite soccer players. In H. NUNOME, B. DRUST AND B. DAWSON eds. Science and Football VII. New York: Routledge, 2013b, p. 119-124.
33. MALÝ, T., F. ZAHÁLKA, L. MALÁ, P. HRASKY, et al. Differences Of Physical Performance In Elite Young Soccer Players Regarding Age. In American College of Sport Medicine. Orlando, Florida, USA, 2014b.
34. MALÝ, T., F. ZAHÁLKA, L. MALÁ, P. HRASKY, et al. Differences Of Physical Performance In Elite Young Soccer Players Regarding Age. Medicine & Science in Sports & Exercise, 2014c, 45(5S), 953.
35. MALÝ, T., F. ZAHALKA, L. MALA, P. HRASKY, et al. Differences Of Physical Performance In Elite Young Soccer Players Regarding Age. Medicine and Science in Sports and Exercise, May 2014b, 46(5), 953-953.
36. MALÝ, T., F. ZAHALKA, L. MALA, M. BUZEK, et al. The Level, Dependence And Structure Of Speed Indicators In Young Elite Soccer Players. Medicine and Science in Sports and Exercise, May 2012, 44, 571-572.

37. MALÝ, T., F. ZAHÁLKA, L. MALÁ, J. TEPLAN, et al. Úroveň, vztah a rozdíly sledovaných parametrov rychlostních schopností u fotbalových hráčů. Česká Kinantropologie, 2012f, 16(3), 221-228.
38. MALÝ, T., F. ZAHÁLKA, L. MALÁ, J. TEPLAN, et al. Isokinetic Strength Profile and Comparison of the Selected Characteristics in Very Young Soccer Players In R. VAEYENS. 3rd World Conference on Science and Soccer. Ghent, Belgium: Victoris&Gent BC, 2012e, p. 213.
39. MALÝ, T., F. ZAHÁLKA, L. MALA, E. VAIDOVÁ, et al. Postural stability of elite womens football players. In F. HLAVAČKA AND J. LOBOTKOVÁ. 7th International Posture Symposium. Smolenice: Slovak Academy of Science, 2015e, p. 63.
40. MALÝ, T., F. ZAHÁLKA, L. MALA AND P. CECH The bilateral strength and power asymmetries in untrained boys. Open Medicine, Jan 2015c, 10(1), 224-232.
41. MALÝ, T., F. ZAHÁLKA, L. MALÁ AND M. HANK. Normative data of isokinetic strength, bilateral and ipsilateral ratio in young soccer players. In T. FAVERO. World Conference on Science and Soccer 4.0. Portland, Oregon, USA, 2014a.
42. MALÝ, T., F. ZAHÁLKA, L. MALA AND L. MALA Isokinetic Strength Characteristics and Norms in The Best Czech Soccer Players of U16 Category. Medicine and Science in Sports and Exercise, May 2013c, 45(5), 167-168.
43. MALÝ, T., F. ZAHÁLKA, L. MALÁ AND J. TEPLAN. Isokinetic Strength of Knee Flexors and Extensors in very young soccer players. In H. LOHRER. 3rd Cogress of the European College of Sport & Excercise Physicians. Frankfurt am Main: Sportmedizinisches Institut, 2013b, p. 58.
44. MALÝ, T., F. ZAHÁLKA, L. MALÁ AND J. TEPLAN. Isokinetic strength of lower limbs and its differences depending on gender, muscle group and angular velocity in children. In M.J. COELHO-E-SILVA, A. CUPIDO-DOS-SANTOS, A. FIGUEIREDO, J.P. FERREIRA AND N. ARMSTRONG eds. Children and Exercise XXVIII. New York: Routledge, 2014d, p. 111-115.
45. MALÝ, T., F. ZAHÁLKA, L. MALÁ AND J. TEPLAN. Isokinetic strength of lower limbs and its differences depending on gender, muscle group and angular velocity in children. In M. COELHO-E-SILVA, J., A. CUPIDO-DOS-SANTOS, A. FIGUEIREDO, J., J. FERREIRA, P. AND N. ARMSTRONG eds. Children and Excercise XXVIII. London and New York: Routledge, 2014e, p. 111-114.
46. MALÝ, T., F. ZAHÁLKA, L. MALÁ AND J. TEPLAN. Differences Between Isokinetic Strength of Knee Flexors and Extensors in Elite Young Soccer Players of Four Different Age Categories. In R. VAEYENS. 3rd World Conference on Science and Soccer. Ghent, Belgium: Victoris&Gent BC, 2012c, p. 214.
47. MALÝ, T., F. ZAHÁLKA, L. MALÁ AND J. TEPLAN Profile, correlation and structure of speed in youth elite soccer players. Journal of Human Kinetics, 2014f, 40(1), 141-150.
48. MALÝ, T., F. ZAHÁLKA, L. MALÁ AND J. TEPLAN Profile, Correlation and Structure of Speed in Youth Elite Soccer Players. Journal of Human Kinetics, 2014g, 40(1), 149-159.
49. MALÝ, T., F. ZAHÁLKA, L. MALA AND J. TEPLAN Profile, Correlation and Structure of Speed in Youth Elite Soccer Players. Journal of Human Kinetics, Mar 2014c, 40(1), 149-159.
50. MALÝ, T., F. ZAHÁLKA, L. MALÁ AND J. TEPLAN Profil izokinetickej sily extenzorov a flexorov kolena u mladých fotbalových hráčov. Studia Sportiva, 2012d, 6(1), 53-60.
51. MALÝ, T., F. ZAHÁLKA, L. MALÁ AND J. TEPLAN Normy konvenčného pomeru izokinetickej sily flexorov a extenzorov kolena mladých elitných fotbalových hráčov. Česká Kinantropologie, 2013c, 17(3), 132-141.
52. MALÝ, T., F. ZAHÁLKA, L. MALA AND J. TEPLAN Isokinetic strength of knee flexors and extensors in very young soccer players. British journal of sports medicine, 2013d, 47(10), e3-e3.
53. MALÝ, T., F. ZAHÁLKA, L. MALA AND A. KAPLAN Kicking performance differences between two young national soccer teams. Sport Science, 2015d, 8(2), In print.
54. MALÝ, T., F. ZAHÁLKA, D. BONACIN, L. MALA, et al. Muscular strength and strength asymmetries of high elite female soccer players. Sport Science, 2015a, 8(S1), 7-14.
55. MALÝ, T., F. ZAHÁLKA AND L. MALA. Lower-extremity astrength profile of elite youth soccer players. In T. FAVERO, B. DRUST AND B. DAWSON eds. International Research in Science and Soccer II. New York: Routledge, 2016a, p. 302-310.

56. MALÝ, T., F. ZAHALKA AND L. MALA Unilateral and Ipsilateral Strength Asymmetries in Elite Youth Soccer Players With Respect to Muscle Group and Limb Dominance. International Journal of Morphology, Dec 2016b, 34(4), 1339-1344.
57. MALÝ, T., F. ZAHALKA AND L. MALÁ Relationship between H:Q ratio and age and lower limb dominance in young soccer players. Medicine & Science in Sports & Exercise, 2012a, 44(5), 398-398.
58. MALÝ, T., F. ZAHALKA AND L. MALA Muscular strength and strength asymmetries in elite and sub-elite professional soccer players. Sport Science, 2014a, 7(1), 27-34.
59. MALÝ, T., F. ZAHALKA AND L. MALA Isokinetic strength performance profile of young national soccer players. Acta Kinesiologica, 2015b, 9(S1), 61-64.
60. MALÝ, T., F. ZAHALKA AND L. MALA Isokinetic Strength Characteristics and Norms in The Best Czech Soccer Players of U16 Category. Medicine and Science in Sports and Exercise, May 2013a, 45(5), 167-168.
61. MALÝ, T. AND F. ZAHÁLKA. Strength Assessment Using Isokinetic Dynamometry. In L. ZAPLETALOVÁ AND T. PERIČ eds. Anaerobic Performance - Assessment and Training. Olomouc: Univerzita Palackého v Olomouci, 2012, p. 39-63.
62. MALA, L., T. MALÝ, F. ZAHALKA, V. BUNC, et al. Body Composition of Elite Female Players in Five Different Sports Games. Journal of Human Kinetics, Mar 2015b, 45(1), 207-215.
63. MALÁ, L., T. MALÝ, F. ZAHÁLKA, M. TÚMA, et al. Telesné zloženie a distribúcia tekutín u vrcholových hádzanárok. Studia Sportiva, 2012b, 6(1), 99-106.
64. MALÁ, L., T. MALÝ, F. ZAHÁLKA, J. TEPLAN, et al. Kvalita aktívnej hmoty a segmentálna distribúcia tekutín v tele ako predpoklad výkonu u elitných basketbalistie. Studia Sportiva, 2013, 7(1), 15-22.
65. MALA, L., T. MALÝ, F. ZAHALKA, J. TEPLAN, et al. Differences of Peak Muscle Torque of Lower Limbs in Non-sporting Children. Medicine and Science in Sports and Exercise, May 2013c, 45(5), 670-670.
66. MALA, L., T. MALÝ, F. ZAHALKA, J. HELLER, et al. Differences in the morphological and physiological characteristics of senior and junior elite Czech judo athletes. Archives of Budo, Jun 2015c, 11, 217-226.
67. MALA, L., T. MALÝ, F. ZAHALKA AND V. BUNC. Fitness Assessment: Body Composition. In. Prague: Karolinum, 2014a.
68. MALA, L., T. MALÝ, F. ZAHALKA AND P. HRASKY Body composition of elite youth soccer players with respect to field position. Journal of Physical Education and Sport, 2015d, 15(4), In print.
69. MALA, L., T. MALÝ, F. ZAHALKA AND P. CECH Gender Differences In Lower Limb Strength Ratio And Its Relationship To Strength Performance In Children. Medicine and Science in Sports and Exercise, May 2014b, 46(5), 886-886.
70. MALA, L., T. MALÝ, F. ZAHALKA AND M. DRAGIJSKY Changes in body composition due to weight reduction by elite youth judo athletes in short period pre-competition. Archives of Budo Science of Martial Arts and Extreme Sports, Dec 2016b, 12, 197-203.
71. MALA, L., T. MALÝ, F. ZAHALKA AND J. TEPLAN Rozdiely telesného zloženia ako prediktor kvality života z hľadiska ontogenézy a pohlavia u pubescentov. Česká Kinantropologie, 2013b, 17(3), 82-90.
72. MALÁ, L., T. MALÝ, F. ZAHÁLKA AND J. TEPLAN Dual-Energy X-Ray Absorptiometria - referenčná metóda určenia telesného zloženia a denzity kostí. Česká Kinantropologie, 2012a, 16(3), 211-220.
73. MALA, L., T. MALÝ, F. ZAHALKA AND J. TEPLAN Differences of peak muscle torque of lower limbs in non-sporting children. Medicine and Science in Sports and Exercise, 2013a, 45(5S), 670.
74. MALÁ, L., T. MALÝ AND F. ZAHÁLKA The quality of active mass and segmental fluids body distribution in young elite soccer players. Sport Science, 2014, 7(2), 57-66.
75. MALA, L., T. MALÝ AND F. ZAHALKA Influence of maximal anaerobic performance on body posture stability in elite senior and junior male judo athletes. Archives of Budo, May 2016a, 12, 117-124.

76. MALA, L., T. MALÝ AND F. ZAHALKA Assessment of body composition variables: Comparison between young trained athletes and healthy subjects. *Acta Kinesiologica*, 2015a, 9(S1).
77. LUNDBERG, A., A. AGUILERA, A. CAPPOZZO, B. MICHAUD, et al. Entropy in the list of authors of scientific papers. *Annals of Improbable Research*, 2014, 20(1), 15-17.
78. LEHNERT, M., K. HŮLKA, T. MALÝ, J. FOHLER, et al. The effects of a 6 week plyometric training programme on explosive strength and agility in professional basketball players. *Acta Universitatis Palackianae Olomucensis*, 2013, 43(4), 7-15.
79. LATALSKI, M., J. BYLINA, M. Fatyga, M. REPKO, et al. Risk factors of postural defects in children at school age. *Annals of Agricultural and Environmental Medicine*, 2013, 20(3), 583-587.
80. KOHOUTEK, R., J. TEPLAN, F. ZAHÁLKA AND T. MALÝ Porovnání rychlosti střelby dominantní a nedominantní končetinou vybraných elitních fotbalových mládežnických týmů. *Česká Kinantropologie*, 2013, 17(3), 114-120.
81. IZOVSKA, J., T. MALÝ AND F. ZAHALKA THE RELATIONSHIP BETWEEN ISOKINETIC STRENGTH IMBALANCES AND KICK SKILLS IN YOUNG ELITE CZECH SOCCER TEAM. 8th International Scientific Conference on Kinesiology, 2017, 355-358.
82. HANK, M., T. MALÝ, F. ZAHALKA, M. DRAGIJSKY, et al. Evaluation of the horizontal movement distance of elite female beach volleyball players during an official match. *International Journal of Performance Analysis in Sport*, Dec 2016, 16(3), 1087-1101.
83. HANK, M., T. MALÝ, F. ZAHALKA, D. NOVOTNY, et al. DIRECTIONS OF THE MOVEMENT IN ELITE INDOOR FEMALE VOLLEYBALL. 8th International Scientific Conference on Kinesiology, 2017, 351-354.
84. HANK, M., F. ZAHÁLKA AND T. MALÝ Porovnání vertikálního výskoku z místa a z rozběhu u elitních basketbalistů. *Česká Kinantropologie*, 2012, 16(3), 109-118.
85. GRYC, T., F. ZAHÁLKA, T. MALÝ, L. MALÁ, et al. Morphological and postural asymmetry of lower limbs in elite female soccer players. *Medicine and Science in Sports and Exercise*, 2013b, 45(5S), 168.
86. GRYC, T., F. ZAHALKA, T. MALÝ, L. MALA, et al. Morphological and Postural Asymmetry of Lower Limbs in Elite Female Soccer Players. *Medicine and Science in Sports and Exercise*, May 2013a, 45(5), 168-168.
87. GRYC, T., F. ZAHÁLKA, T. MALÝ AND P. HRÁSKÝ Role přenosu hmotnosti při golfovém švihu. *Česká Kinantropologie*, 2012, 16(3), 129-134.
88. DRAGIJSKY, M., T. MALÝ, F. ZAHALKA, E. KUNZMANN, et al. Seasonal Variation of Agility, Speed and Endurance Performance in Young Elite Soccer Players. *Sports*, Mar 2017, 5(1).
89. Diagnostické zařízení pro hodnocení a zdokonalování motorických dovedností. VODIČKA, P. AND F. ZAHÁLKA. 10.4.2012.
90. ČECH, P., T. MALÝ, L. MALÁ AND F. ZAHÁLKA Body composition of elite youth pentathletes and its gender differences. *Sport Science*, 2013a, 6(2), 29-35.
91. ČECH, P., T. MALÝ, F. ZAHÁLKA, L. MALÁ, et al. Porovnanie úrovne posturálnej stability moderných patbojárov v diferentných postojových úlohách. *Česká Kinantropologie*, 2013b, 17(3), 121-131.