

Produção Científica CIPER – 2014

1. Livros com Distribuição Internacional

- 1) Davids, K., Hristovski, R., Araújo, D., Balagué, N., Button, C., & Passos, P. (Eds.). (2014). *Complex Systems in Sport*. London: Routledge.
- 2) Davids, K., Hristovski, R., Araújo, D., Balagué, N., Button, C., & Passos, P. (Eds.). (2014). *Complex Systems in Sport*. London: Routledge. Cabri, J., Pezarat-Correia, P., & Barreiros, J. (2014). Proceedings of the 2nd International Congress on Sports Science Research and Technology Support (icSPORTS). Roma, Italy: INSTICC

2. Capítulos de Livros com Distribuição Internacional

- 1) Araújo, D. (2014). La toma de decisiones en el deporte bajo la perspectiva del sistema individuo-entorno. In F. d. V. V. Álvarez & L. G. González (Eds.), *El entrenamiento táctico y decisional en el deporte* (pp. 43-58). Cáceres: Síntesis.
- 2) Carvalho, J., Correia, V., & Araújo, D. (2014). Entrenamiento basado en la manipulación de los constreñimientos en deportes individuales. In F. d. V. Álvarez & L. G. González (Eds.), *El entrenamiento táctico y decisional en el deporte* (pp. 209-222). Cáceres: Síntesis.
- 3) Correia, V., Araújo, D., Watson, G., & Craig, C. (2014). Using virtual environments to study interactions in sport performance. In D. Keith, R. Hristovski, D. Araújo, N. Balagué, C. Button, & P. Passos (Eds.), *Complex Systems in Sport* (pp. 175-189). London: Routledge.
- 4) Correia, V., Carvalho, J., & Araújo, D. (2014). La manipulación de los constreñimientos en los deportes colectivos. In F. d. V. Álvarez & L. G. González (Eds.), *El entrenamiento táctico y decisional en el deporte* (pp. 195-208). Cáceres: Síntesis.
- 5) Duarte, R., Fernandes, O., Folgado, H., & Araújo, D. (2014). Single camera analyses in studying pattern forming dynamics of player interactions in team sports. In D. Keith, R. Hristovski, D. Araújo, N. Balagué, C. Button, & P. Passos (Eds.), *Complex Systems in Sport* (pp. 160-174). London: Routledge.
- 6) Fonseca, S., Diniz, A., & Araújo, D. (2014). The measurement of space and time in evolving sport phenomena. In D. Keith, R. Hristovski, D. Araújo, N. Balagué, C. Button, & P. Passos (Eds.), *Complex Systems in Sport* (pp. 125-144). London: Routledge.
- 7) Hristovski, R., Davids, K., Araújo, D., Passos, P., Torrents, C., Aceski, A., & Tufekcievski, A. (2014). Creativity in sport and dance: Ecological dynamics on a hierarchically soft-assembled perception-action landscape. In K. Davids, R. Hristovski, D. Araújo, N. Balagué, C. Button, & P. Passos (Eds.), *Complex Systems in Sport* (pp. 261-274). London: Routledge.
- 8) Marta, M., Vaz, J., Silva, L., Castro, M., & Pezarat-Correia, P. (2014). Study and interpretation of neuromuscular patterns in Golf. In G. R. Naik (Ed.), *Applications, Challenges, and Advancements in Electromyography Signal Processing* (pp. 181-201). Hershey: IGI Global.
- 9) Moreira, I., Vaz, J., Duarte, R., Pezarat-Correia, P., & Cordovil, R. (2014). EMG and kinematic analysis of infant supported walking: a preliminary study. In T. Davis, P. Passos, M.

Dicks, & J. Weast (Eds.), *Studies in Perception and action XII. XVIIth International Conference on Perception and Action* (pp. 76-79). New York: Psychology Press, Taylor & Francis.

10) Passos, P., Araújo, D., Travassos, B., Vilar, L., & Duarte, R. (2014). Interpersonal coordination tendencies induce functional synergies through co-adaptation processes in team sports. In D. Keith, R. Hristovski, D. Araújo, N. Balagué, C. Button, & P. Passos (Eds.), *Complex Systems in Sport* (pp. 105-124). London: Routledge.

11) Phillips, E., Davids, K., Araújo, D., & Renshaw, I. (2014). Talent development and expertise in sport. In K. Davids, R. Hristovski, D. Araújo, N. Balagué, C. Button, & P. Passos (Eds.), *Complex Systems in Sport* (pp. 241-260). London: Routledge.

12) Santos, I. P., Araújo, D., & Moniz-Pereira, L. (2014). The effect of age on visual fixation patterns when walking in a route with obstacles. In T. Davis, P. Passos, M. Dicks, & J. Weast (Eds.), *Studies in Perception and action XII. XVIIth International Conference on Perception and Action* (pp. 80-83). New York: Psychology Press, Taylor & Francis.

13) Travassos, B., Duarte, R., & Araújo, D. (2014). Métodos e instrumentos para avaliar el comportamiento táctico-decisional desde la dinámica ecológica. In F. d. V. Álvarez & L. G. González (Eds.), *El entrenamiento táctico y decisional en el deporte* (pp. 111-128). Cáceres: Síntesis.

14) Vilar, L., Torrents, C., Araújo, D., & Davids, K. (2014). Ecological dynamics as an alternative framework to notational performance analysis. In K. Davids, R. Hristovski, D. Araújo, N. Balagué, C. Button, & P. Passos (Eds.), *Complex Systems in Sport* (pp. 229-240). London: Routledge.

3. Livros com Distribuição Nacional

1) Cordovil, R., & Barreiros, J. (2014). *Desenvolvimento Motor na Infância*. Lisboa, Portugal: FMH Edições

2) Guia, N., & Araújo, D. (2014). *Treinar o treinador: A tomada de decisão no futebol*. Lisboa: Primebooks.

3) Massuça, L. M. & Fragoso, I. (2014). *Modelling Success: The Portuguese Handball Player*. Saarbrücken, Germany: LAP LAMBERT Academic Publishing

4) Montiel, A., Pina, J., Pereira, V., & Araújo, D. (2014). *A ciência da arbitragem em Portugal*. Lisboa: Federação Portuguesa de Futebol.

5) Neto, C., Barreiros, J., Cordovil, R. & Melo, F. (2014). *Estudos em desenvolvimento motor da criança VII*. Lisboa, Portugal: FMH Edições

4. Capítulos de Livros com Distribuição Internacional

1) Correia, V., Carvalho, A., Pedras, D., André, A., Ferreira, P., & Araújo, D. (2014). O papel da prática deliberada na carreira do árbitro de futebol português. In A. L. Montiel, J. Pina, V. Pereira (Eds.), *Investigação Científica sobre Arbitragem em Portugal*. Conselho de Arbitragem da Federação Portuguesa de Futebol

5. Artigos Publicados em Revistas Nacionais e Internacionais

- 1) Almeida, C. H., Ferreira, A. P., & Volossovitch, A. (2014). Effects of Match Location, Match Status and Quality of Opposition on Regaining Possession in UEFA Champions League. *J Hum Kinet*, 41, 203-214. DOI: 10.2478/hukin-2014-0048. Q3
- 2) Amado, D., Del Villar, F., Leo, F. M., Sanchez-Oliva, D., Sanchez-Miguel, P. A., & Garcia-Calvo, T. (2014). Effect of a multi-dimensional intervention programme on the motivation of physical education students. *PLoS One*, 9(1), e85275. DOI: 10.1371/journal.pone.0085275. IF= 3.234. Quartil 1 (Multidisciplinary Sciences)
- 3) Atayde, L. M., Cortez, P. P., Pereira, T., Armada-da-Silva, P. A., Afonso, A., Lopes, M. A., . . . Mauricio, A. C. (2014). A new sheep model with automatized analysis of biomaterial-induced bone tissue regeneration. *J Mater Sci Mater Med*, 25(8), 1885-1901. DOI: 10.1007/s10856-014-5216-2. IF= 2.587. Quartil 2 (Engineering, Biomedical)
- 4) Barte, J. C., Veldwijk, J., Teixeira, P. J., Sacks, F. M., & Bemelmans, W. J. (2014). Differences in weight loss across different BMI classes: a meta-analysis of the effects of interventions with diet and exercise. *Int J Behav Med*, 21(5), 784-793. DOI: 10.1007/s12529-013-9355-5. IF= 2.126. Quartil 2 (Psychology, Clinical)
- 5) Branco, M., Santos-Rocha, R., & Vieira, F. (2014). Biomechanics of gait during pregnancy. *ScientificWorldJournal*, 2014, 527940. DOI: 10.1155/2014/527940
- 6) Caeiro, C., Cruz, E. B., & Pereira, C. M. (2014). Arts, literature and reflective writing as educational strategies to promote narrative reasoning capabilities among physiotherapy students. *Physiother Theory Pract*, 30(8), 572-580. DOI: 10.3109/09593985.2014.928919
- 7) Cardadeiro, G., Baptista, F., Janz, K. F., Rodrigues, L. A., & Sardinha, L. B. (2014). Pelvis width associated with bone mass distribution at the proximal femur in children 10-11 years old. *J Bone Miner Metab*, 32(2), 174-183. DOI: 10.1007/s00774-013-0478-1. Q3
- 8) Cardadeiro, G., Baptista, F., Rosati, N., Zymbal, V., Janz, K. F., & Sardinha, L. B. (2014). Influence of physical activity and skeleton geometry on bone mass at the proximal femur in 10- to 12-year-old children--a longitudinal study. *Osteoporos Int*, 25(8), 2035-2045. DOI: 10.1007/s00198-014-2729-y. IF= 4.169. Quartil 2 (Endocrinology)
- 9) Compernelle, S., De Cocker, K., Lakerveld, J., Mackenbach, J. D., Nijpels, G., Oppert, J. M., . . . De Bourdeaudhuij, I. (2014). A RE-AIM evaluation of evidence-based multi-level interventions to improve obesity-related behaviours in adults: a systematic review (the SPOTLIGHT project). *Int J Behav Nutr Phys Act*, 11, 147. DOI: 10.1186/s12966-014-0147-3. IF= 4.111. Quartil 1 (Nutrition & Dietetics), Quartil 1 (Physiology)
- 10) Cruz, E. B., Caeiro, C., & Pereira, C. (2014). A narrative reasoning course to promote patient-centred practice in a physiotherapy undergraduate programme: a qualitative study of final year students. *Physiother Theory Pract*, 30(4), 254-260. DOI: 10.3109/09593985.2013.863415
- 11) Curado, M. A., Teles, J., & Maroco, J. (2014). [Analysis of variables that are not directly observable: influence on decision-making during the research process]. *Rev Esc Enferm USP*, 48(1), 149-156.
- 12) Diniz, A., Barreiros, J., & Passos, P. (2014). To pass or not to pass: a mathematical model for competitive interactions in rugby union. *J Mot Behav*, 46(5), 293-302. DOI: 10.1080/00222895.2014.899963. Q3

- 13) Dos Santos Crisostomo, R. S., Candeias, M. S., Ribeiro, A. M., da Luz Belo Martins, C., & Armada-da-Silva, P. A. (2014). Manual lymphatic drainage in chronic venous disease: a duplex ultrasound study. *Phlebology*, 29(10), 667-676. DOI: 10.1177/0268355513502787. Q4
- 14) Duarte, E., Rebelo, F., Teles, J., & Wogalter, M. S. (2014). Behavioral compliance for dynamic versus static signs in an immersive virtual environment. *Appl Ergon*, 45(5), 1367-1375. DOI: 10.1016/j.apergo.2013.10.004. Q1
- 15) Figueiredo, P., Willig, R., Alves, F., Vilas-Boas, J. P., & Fernandes, R. J. (2014). Biophysical characterization of a swimmer with a unilateral arm amputation: a case study. *Int J Sports Physiol Perform*, 9(6), 1050-1053. DOI: 10.1123/ijsp.2013-0438. Q1
- 16) Fonseca, H., Palmeira, A. L., Martins, S. C., Falcato, L., & Quaresma, A. (2014). Managing paediatric obesity: a multidisciplinary intervention including peers in the therapeutic process. *BMC Pediatr*, 14, 89. DOI: 10.1186/1471-2431-14-89. Q2
- 17) Fonseca, H., Palmeira, A. L., Martins, S., & Ferreira, P. D. (2014). Short- and medium-term impact of a residential weight-loss camp for overweight adolescents. *Int J Adolesc Med Health*, 26(1), 33-38. DOI: 10.1515/ijamh-2012-0107
- 18) Franco, D., Martins, F., Andrea, M., Fragoso, I., Carrao, L., & Teles, J. (2014). Is the sagittal postural alignment different in normal and dysphonic adult speakers? *J Voice*, 28(4), 523 e521-528. DOI: 10.1016/j.jvoice.2014.01.002
- 19) Gartner, A., Pereira, T., Armada-da-Silva, P., Amado, S., Veloso, A., Amorim, I., . . . Mauricio, A. (2014). Effects of umbilical cord tissue mesenchymal stem cells (UCX(R)) on rat sciatic nerve regeneration after neurotmesis injuries. *J Stem Cells Regen Med*, 10(1), 14-26.
- 20) Joao, F., Veloso, A., Cabral, S., Moniz-Pereira, V., & Kepple, T. (2014). Synergistic interaction between ankle and knee during hopping revealed through induced acceleration analysis. *Hum Mov Sci*, 33, 312-320. DOI: 10.1016/j.humov.2013.10.004. Q2
- 21) Judice, P. B., Silva, A. M., Magalhaes, J. P., Matias, C. N., & Sardinha, L. B. (2014). Sedentary behaviour and adiposity in elite athletes. *J Sports Sci*, 32(19), 1760-1767. DOI: 10.1080/02640414.2014.926382. Q1
- 22) Leone, D. C., Pezarat, P., Valamatos, M. J., Fernandes, O., Freitas, S., & Moraes, A. C. (2014). Upper body force production after a low-volume static and dynamic stretching. *Eur J Sport Sci*, 14(1), 69-75. DOI: 10.1080/17461391.2012.729089. Q3
- 23) Lopes, J. E., Araujo, D., & Davids, K. (2014). Investigative trends in understanding penalty-kick performance in association football: an ecological dynamics perspective. *Sports Med*, 44(1), 1-7. DOI: 10.1007/s40279-013-0101-6. Q1
- 24) Lopes, J. E., Jacobs, D. M., Travieso, D., & Araujo, D. (2014). Predicting the lateral direction of deceptive and non-deceptive penalty kicks in football from the kinematics of the kicker. *Hum Mov Sci*, 36, 199-216. DOI: 10.1016/j.humov.2014.04.004. Q2
- 25) Machado, M. M., Fernandes, P. R., Zymbal, V., & Baptista, F. (2014). Human proximal femur bone adaptation to variations in hip geometry. *Bone*, 67, 193-199. DOI: 10.1016/j.bone.2014.07.001. Q2
- 26) Marques, A., Martins, J., Diniz, J., Ramos, M., Yazigi, F., Onofre, M., & Carreiro da Costa, F. (2014). The correlates of meeting physical activity recommendations: a population-based cross-sectional study. *Eur J Sport Sci*, 14 Suppl 1, S462-470. DOI: 10.1080/17461391.2012.713008. Q3

- 27) Marques, A., Martins, J., Ramos, M., Yazigi, F., & Carreiro da Costa, F. (2014). Perception and reality - Portuguese adults' awareness of active lifestyle. *Eur J Sport Sci*, 14(5), 468-474. DOI: 10.1080/17461391.2013.837512. Q3
- 28) Marques, A., Sallis, J. F., Martins, J., Diniz, J., & Carreiro Da Costa, F. (2014). Correlates of urban children's leisure-time physical activity and sedentary behaviors during school days. *Am J Hum Biol*, 26(3), 407-412. DOI: 10.1002/ajhb.22535. Q2
- 29) Marques, E. A., Baptista, F., Santos, D. A., Silva, A. M., Mota, J., & Sardinha, L. B. (2014). Risk for losing physical independence in older adults: the role of sedentary time, light, and moderate to vigorous physical activity. *Maturitas*, 79(1), 91-95. DOI: 10.1016/j.maturitas.2014.06.012. Q1
- 30) Marques, E. A., Baptista, F., Santos, R., Vale, S., Santos, D. A., Silva, A. M., . . . Sardinha, L. B. (2014). Normative functional fitness standards and trends of Portuguese older adults: cross-cultural comparisons. *J Aging Phys Act*, 22(1), 126-137. DOI: 10.1123/japa.2012-0203. Q2
- 31) Massuca, L. M., Fragoso, I., & Teles, J. (2014). Attributes of top elite team-handball players. *J Strength Cond Res*, 28(1), 178-186. DOI: 10.1519/JSC.0b013e318295d50e. Q2
- 32) Meis, J. J., Bosma, C. B., Spruit, M. A., Franssen, F. M., Janssen, D. J., Teixeira, P. J., . . . Kreemers, S. P. (2014). A qualitative assessment of COPD patients' experiences of pulmonary rehabilitation and guidance by healthcare professionals. *Respir Med*, 108(3), 500-510. DOI: 10.1016/j.rmed.2013.11.001. Q2
- 33) Melo, X., Santa-Clara, H., Pimenta, N. M., Carrolo, M., Martins, S. S., Minderico, C. S., . . . Sardinha, L. B. (2014). Body composition phenotypes and carotid intima-media thickness in 11-13-year-old children. *Eur J Pediatr*, 173(3), 345-352. DOI: 10.1007/s00431-013-2164-7. Q2
- 34) Mendonca, G. V., Vaz, J. R., Teixeira, M. S., Gracio, T., & Pezarat-Correia, P. (2014). Metabolic cost of locomotion during treadmill walking with blood flow restriction. *Clin Physiol Funct Imaging*, 34(4), 308-316. DOI: 10.1111/cpf.12098. Q4
- 35) Moniz-Pereira, V., Cabral, S., Carnide, F., & Veloso, A. P. (2014). Sensitivity of joint kinematics and kinetics to different pose estimation algorithms and joint constraints in the elderly. *J Appl Biomech*, 30(3), 446-460. DOI: 10.1123/jab.2013-0105. Q3
- 36) Monleon, C., Pablos, A., Carnide, F., Martin, M., & Pablos, C. (2014). Effects of a rhythmic and choreographic program in obese and overweight participants. *Nutr Hosp*, 30(3), 622-628. DOI: 10.3305/nh.2014.30.3.7365. Q4
- 37) Morgado, J. P., Monteiro, C. P., Matias, C. N., Alves, F., Pessoa, P., Reis, J., . . . Lares, M. J. (2014). Sex-based effects on immune changes induced by a maximal incremental exercise test in well-trained swimmers. *J Sports Sci Med*, 13(3), 708-714. Q4
- 38) Orth, D., Davids, K., Araujo, D., Renshaw, I., & Passos, P. (2014). Effects of a defender on run-up velocity and ball speed when crossing a football. *Eur J Sport Sci*, 14 Suppl 1, S316-323. DOI: 10.1080/17461391.2012.696712. Q3
- 39) Pascoal, A. G., Dionisio, S., Cordeiro, F., & Mota, P. (2014). Inter-rectus distance in postpartum women can be reduced by isometric contraction of the abdominal muscles: a preliminary case-control study. *Physiotherapy*, 100(4), 344-348. DOI: 10.1016/j.physio.2013.11.006. Q1
- 40) Pereira, C. L., Baptista, F., & Infante, P. (2014). Role of physical activity in the occurrence of falls and fall-related injuries in community-dwelling adults over 50 years old. *Disabil Rehabil*, 36(2), 117-124. DOI: 10.3109/09638288.2013.782355. Q1

- 41) Pereira, T., Armada-da Silva, P. A., Amorim, I., Rema, A., Caseiro, A. R., Gartner, A., . . . Mauricio, A. C. (2014). Effects of Human Mesenchymal Stem Cells Isolated from Wharton's Jelly of the Umbilical Cord and Conditioned Media on Skeletal Muscle Regeneration Using a Myectomy Model. *Stem Cells Int*, 2014, 376918. DOI: 10.1155/2014/376918. Q3
- 42) Pereira, T., Gartner, A., Amorim, I., Almeida, A., Caseiro, A. R., Armada-da-Silva, P. A., . . . Mauricio, A. C. (2014). Promoting nerve regeneration in a neurotmesis rat model using poly(DL-lactide-epsilon-caprolactone) membranes and mesenchymal stem cells from the Wharton's jelly: in vitro and in vivo analysis. *Biomed Res Int*, 2014, 302659. DOI: 10.1155/2014/302659. Q3
- 43) Pimenta, N. M., Santa-Clara, H., Cortez-Pinto, H., Silva-Nunes, J., da Lapa Rosado, M., Sousa, P. J., . . . Fernhall, B. (2014). Body composition and body fat distribution are related to cardiac autonomic control in non-alcoholic fatty liver disease patients. *Eur J Clin Nutr*, 68(2), 241-246. DOI: 10.1038/ejcn.2013.249. Q2
- 44) Quaresma, A. M., Palmeira, A. L., Martins, S. S., Minderico, C. S., & Sardinha, L. B. (2014). Effect of a school-based intervention on physical activity and quality of life through serial mediation of social support and exercise motivation: the PESSOA program. *Health Educ Res*, 29(6), 906-917. DOI: 10.1093/her/cyu056. Q1
- 45) Ramiro, L., Reis, M., de Matos, M. G., & Diniz, J. A. (2014). Trends in adolescent sexual behavior, impact of information, and attitudes about HIV/AIDS in Portugal. *Psychol Health Med*, 19(5), 614-624. DOI: 10.1080/13548506.2013.845299. Q3
- 46) Rebocho, L. M., Cardadeiro, G., Zymbal, V., Goncalves, E. M., Sardinha, L. B., & Baptista, F. (2014). Measurement properties of radial and tibial speed of sound for screening bone fragility in 10- to 12-year-old boys and girls. *J Clin Densitom*, 17(4), 528-533. DOI: 10.1016/j.jocd.2013.09.013. Q3
- 47) Ruivo, R. M., Pizarat-Correia, P., & Carita, A. I. (2014). Cervical and shoulder postural assessment of adolescents between 15 and 17 years old and association with upper quadrant pain. *Braz J Phys Ther*, 18(4), 364-371. Q3
- 48) Santos, D. A., Dawson, J. A., Matias, C. N., Rocha, P. M., Minderico, C. S., Allison, D. B., . . . Silva, A. M. (2014). Reference values for body composition and anthropometric measurements in athletes. *PLoS One*, 9(5), e97846. DOI: 10.1371/journal.pone.0097846. IF= 3.234. Quartil 1 (Multidisciplinary Sciences)
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- 50) Santos, D. A., Silva, A. M., Matias, C. N., Magalhaes, J. P., Fields, D. A., Minderico, C. S., . . . Sardinha, L. B. (2014). Validity of a combined heart rate and motion sensor for the measurement of free-living energy expenditure in very active individuals. *J Sci Med Sport*, 17(4), 387-393. DOI: 10.1016/j.jsams.2013.09.006. Q1
- 51) Santos, R., Mota, J., Okely, A. D., Pratt, M., Moreira, C., Coelho-e-Silva, M. J., . . . Sardinha, L. B. (2014). The independent associations of sedentary behaviour and physical activity on cardiorespiratory fitness. *Br J Sports Med*, 48(20), 1508-1512. DOI: 10.1136/bjsports-2012-091610. Q1

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- 53) Sardinha, L. B., Marques, A., Martins, S., Palmeira, A., & Minderico, C. (2014). Fitness, fatness, and academic performance in seventh-grade elementary school students. *BMC Pediatr*, 14, 176. DOI: 10.1186/1471-2431-14-176. Q2
- 54) Silva, A. M., Matias, C. N., Santos, D. A., Rocha, P. M., Minderico, C. S., & Sardinha, L. B. (2014). Increases in intracellular water explain strength and power improvements over a season. *Int J Sports Med*, 35(13), 1101-1105. DOI: 10.1055/s-0034-1371839. Q2
- 55) Silva, P., Duarte, R., Sampaio, J., Aguiar, P., Davids, K., Araujo, D., & Garganta, J. (2014). Field dimension and skill level constrain team tactical behaviours in small-sided and conditioned games in football. *J Sports Sci*, 32(20), 1888-1896. DOI: 10.1080/02640414.2014.961950. Q1
- 56) Silva, P., Travassos, B., Vilar, L., Aguiar, P., Davids, K., Araujo, D., & Garganta, J. (2014). Numerical relations and skill level constrain co-adaptive behaviors of agents in sports teams. *PLoS One*, 9(9), e107112. DOI: 10.1371/journal.pone.0107112. IF= 3.234. Quartil 1 (Multidisciplinary Sciences)
- 57) Teixeira, A. M., Rama, L., Carvalho, H. M., Borges, G., Carvalheiro, T., Gleeson, M., . . . Paiva, A. (2014). Changes in naive and memory T-cells in elite swimmers during a winter training season. *Brain Behav Immun*, 39, 186-193. DOI: 10.1016/j.bbi.2014.01.002. Q1
- 58) Valente-dos-Santos, J., Coelho-e-Silva, M. J., Machado-Rodrigues, A. M., Elferink-Gemser, M. T., Malina, R. M., Petroski, E. L., . . . Sardinha, L. B. (2014). Prediction equation for lower limbs lean soft tissue in circumpubertal boys using anthropometry and biological maturation. *PLoS One*, 9(9), e107219. DOI: 10.1371/journal.pone.0107219. IF= 3.234. Quartil 1 (Multidisciplinary Sciences)
- 59) Vidal, A. C., Banca, P., Pascoal, A. G., Cordeiro, G., Sargento-Freitas, J., & Castelo-Branco, M. (2014). Modulation of cortical interhemispheric interactions by motor facilitation or restraint. *Neural Plast*, 2014, 210396. DOI: 10.1155/2014/210396. Q2
- 60) Vieira, A. C., Moniz, S., Fernandes, R., Carnide, F., & Cruz, E. B. (2014). Responsiveness and interpretability of the Portuguese version of the Quebec Back Pain Disability Scale in patients with chronic low back pain. *Spine (Phila Pa 1976)*, 39(5), E346-352. DOI: 10.1097/BRS.000000000000159. Q1
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- 62) Vilar, L., Araujo, D., Davids, K., Travassos, B., Duarte, R., & Parreira, J. (2014). Interpersonal coordination tendencies supporting the creation/prevention of goal scoring opportunities in futsal. *Eur J Sport Sci*, 14(1), 28-35. DOI: 10.1080/17461391.2012.725103. Q3
- 63) Vilar, L., Araujo, D., Travassos, B., & Davids, K. (2014). Coordination tendencies are shaped by attacker and defender interactions with the goal and the ball in futsal. *Hum Mov Sci*, 33, 14-24. DOI: 10.1016/j.humov.2013.08.012. Q2
- 64) Vilar, L., Duarte, R., Silva, P., Chow, J. Y., & Davids, K. (2014). The influence of pitch dimensions on performance during small-sided and conditioned soccer games. *J Sports Sci*, 32(19), 1751-1759. DOI: 10.1080/02640414.2014.918640. Q1

- 65) Vleck, V., Millet, G. P., & Alves, F. B. (2014). The impact of triathlon training and racing on athletes' general health. *Sports Med*, 44(12), 1659-1692. DOI: 10.1007/s40279-014-0244-0. Q1
- 66) Wasserkampf, A., Silva, M. N., Santos, I. C., Carraca, E. V., Meis, J. J., Kremers, S. P., & Teixeira, P. J. (2014). Short- and long-term theory-based predictors of physical activity in women who participated in a weight-management program. *Health Educ Res*, 29(6), 941-952. DOI: 10.1093/her/cyu060. Q1

6. Organização de Congressos e Seminários

- 1) Ferreira, A. P. (2014). Vogal do comité científico do Congresso Ibérico de Baloncesto – CIB 2014. Villaviciosa de Odón, Madrid, Espanha
- 2) Passos, P. (2014, 29-31 Outubro). Organizador do simpósio Acquiring Interpersonal Coordination Patterns in Cooperative and Competitive Contexts no 4th Congress on Complex Systems in Sports and Health Ageing. Universidade de Groningen, Groningen, Holanda.
- 3) Correira-Pezarat, P. (2014). Chair da 2nd International Congress on Sports Science Research and Technology Support (icSports). Roma, Itália
- 4) Correira-Pezarat, P. (2014). Organizador do Seminário Treino Funcional para o Tronco. Faculdade de Motricidade Humana – Universidade de Lisboa. Lisboa, Portugal.
- 5) Correira-Pezarat, P. (2014). Organizador do Seminário Treino Funcional para o Membro Inferior. Faculdade de Motricidade Humana – Universidade de Lisboa. Lisboa, Portugal.
- 6) Correira-Pezarat, P. (2014). Organizador do Seminário Treino Funcional para o Membro Superior. Faculdade de Motricidade Humana – Universidade de Lisboa. Lisboa, Portugal.
- 7) Correira-Pezarat, P. (2014). Organizador do Seminário Treino Funcional Avançado. Faculdade de Motricidade Humana – Universidade de Lisboa. Lisboa, Portugal.
- 8) Correira-Pezarat, P. (2014). Organizador do Seminário Treino Funcional no Idoso. Faculdade de Motricidade Humana – Universidade de Lisboa. Lisboa, Portugal.
- 9) Correira-Pezarat, P. (2014). Organizador do Seminário “O Ombro no Atleta”. Faculdade de Motricidade Humana – Universidade de Lisboa. Lisboa, Portugal.
- 10) Cordovil, R., & Barreiros, J. (2014, 31 Outubro-1 Novembro). Membros da comissão organizadora do 9º Seminário de Desenvolvimento Motor da Criança. Faculdade de Motricidade Humana – Universidade de Lisboa. Lisboa, Portugal.

7. Orientação de Teses de Doutoramento e Mestrado

a. Teses de Doutoramento

- 1) Andrade, C. (2014). Supervisão parental numa perspectiva de segurança infantil. (Tese de doutoramento). FMH - UL
- 2) Gomes, F. (2014). Timeout no Andebol de alto rendimento. (Tese de doutoramento). FMH – UL
- 3) Marta, S. (2014). Atividade Neuromuscular no Swing do Golfe. (Tese de doutoramento). FMH - UL

- 4) Pessoa, P. V. (2014). Impacto e Modulação das Cargas de Treino em Nadadores de Elite Portugueses. (Tese de doutoramento). FMH - UL
- 5) Saraiva, L. B. (2014). Biossocial determinants of motor competence in children. (Tese de doutoramento). FMH - UL
- 6) Silva, L. (2014). Aprendizagem Automática na Análise do Movimento e da Participação Neuromuscular em Habilidades Dinâmicas: Contributos para o estudo da relação entre Swing do Golfe e Prevalência de Lombalgias. (Tese de doutoramento). FMH – UL

b. Teses de Mestrado

- 1) Barreiro, J. (2014). WSN and M2M for Mountain Biking Performance Assessment. (Tese de Mestrado). ISCTE, Instituto Universitário de Lisboa.
- 2) Roque, J. (2014). Comportamento coletivo das equipas de futebol de alto rendimento em situações de canto com diferentes níveis de sucesso. (Tese de Mestrado). Faculdade de Motricidade Humana, Universidade de Lisboa, Lisboa, Portugal.
- 3) Silva, L. (2014). Máquinas de vetores suporte para classificação do onset em dados temporais de Eletromiografia. (Tese de Mestrado). Universidade Aberta.
- 4) Susano, J. (2014). The effects of the quantity of physical activity in cognition. (Tese de mestrado em Exercício e Saúde). Faculdade de Motricidade Humana, Universidade de Lisboa, Lisboa, Portugal.