



**CENTRO INTERDISCIPLINAR DE
ESTUDO DA PERFORMANCE HUMANA**



Interdisciplinary Center for the Study of Human Performance

Scientific Production Report 2024

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Scientific Production 2024

Published Books

Published Books with International Distribution

Published Books with National Distribution

- 1) Baptista, F. (2024). *Atividade Física na Pessoa Idosa*. Fundação Francisco Manuel dos Santos. <https://ffms.pt/pt-pt/livraria/atividade-fisica-na-pessoa-idosa>
- 2) Cordovil, R. (2024). *Movimento e Brincadeira nos Primeiros Anos de Vida*. Fundação Francisco Manuel dos Santos. <https://ffms.pt/pt-pt/livraria/movimento-e-brincadeira-nos-primeiros-anos-de-vida>
- 3) Correia, P., Espanha, M., Freitas, S., Oliveira, R., & Pascoal, A. G. (2024). *Biologia do Movimento*. Exercícios e Estudos Práticos (2nd). Edições FMH. <https://loja.fmh.ulisboa.pt/psicologia-e-comportamento-motor/154-estudo-do-movimento-exercicios-e-estudos-praticos.html>
- 4) Fragoso, I. (2024). *Crescimento, maturação e desempenho desportivo: Curso prático*. Edições FMH. ISBN: 978-972-735-300
- 5) Fragoso, I. (2024). *Morfologia e crescimento* (3rd). Edições FMH. ISBN: 978-972-735-297-5
- 6) Marques, A. (2024). *Atividade física e saúde mental*. Fundação Francisco Manuel dos Santos. ISBN: 978-989-9153-69-1
- 7) Pezarat-Correia, P., Espanha, M., Freitas, S., Oliveira, R., & Pascoal, A. G. (2024). *Estudo do Movimento: Exercícios e Estudos Práticos* (2nd). Edições FMH. <https://loja.fmh.ulisboa.pt/psicologia-e-comportamento-motor/154-estudo-do-movimento-exercicios-e-estudos-praticos.html>
- 8) Santa-Clara, H. (2024). *O que é um estilo de vida ativo?* Fundação Francisco Manuel dos Santos. ISBN: 978-989-9153-67-7

9) Teixeira, P. J. (2024). *Motivações para uma Vida Ativa*. Fundação Francisco Manuel dos Santos. ISBN: 978-989-9153-73-8

10) Teixeira, P. J. (2024). *Psicadélicos: Em Português*. Fundação Francisco Manuel dos Santos. ISBN: 9789898863867

Chapters in Published Books

Chapters in Published Books with International Distribution

- 1) Araújo, D., Sarmiento, H., Resende, R., & Gomes, R. (2024). Football Coaching, The Portuguese Way. In Rynne, S. B., & Mallett, C. J. (Eds.), *The Routledge Handbook of Coach Development in Sport* (pp. 271-284). Routledge.
<https://doi.org/10.4324/9781003160939>
- 2) Assunção, A., Moniz-Pereira, V., Bernardes, S., Fajão, C., Veloso, A. P., & Carnide, F. (2024). Occupational and Individual Factors for Musculoskeletal Pain in the Automotive Industry. In Arezes, P. M., Melo, R.B., Carneiro, P., Castelo Branco, J., Colim, A., Costa, N., Costa, S., Duarte, J., Guedes, J. C., Perestrelo, G., & Baptista, J. S. (Eds.), *Occupational and Environmental Safety and Health V* (pp. 117-127). Springer. https://doi.org/10.1007/978-3-031-38277-2_8
- 3) Loureiro, N., Marques, A., Simões, C., Coelho, F., Gaspar, S., Virgolino, A., Santos, O., & Matos, M. G. (2024). Promoting health behavior change across different environments: Universal principles of behavior modification at individual and community level. In Santo, O., Santos, R., & Virgolino, A. (Eds.), *Environmental Health Behavior* (pp. 61-79). Academic Press. ISBN: 9780128240007
- 4) Marques, A., Ribeiro, T., & Peralta, M. (2024). Active Travel to and from School. In García-Hermoso, A. (Eds.), *Promotion of Physical Activity and Health in the School Setting* (pp. 193-212). Springer. https://doi.org/10.1007/978-3-031-65595-1_8

- 5) Ramos, J. P., Lopes, R. J., Araújo, D., & Passos, P. (2024). Networks Centrality. In Memmert, D. (Eds.), *Computer Science in Sport – Modeling, Simulation, Data Analysis and Visualization of Sports-Related Data* (pp. 157-167). Springer.
https://doi.org/10.1007/978-3-662-68313-2_19

Chapters in Published Books with National Distribution

- 1) Burnay, C., Cordovil, R., Button, C., Anderson, D., & Tse, A. (2024). Diferenças no comportamento dos bebés entre entradas súbitas (precipícios) e graduais (rampas) para a água: resultados preliminares. In Pombo, A., Rocha, C. & Luz, C. (Eds.), *Estudos em Desenvolvimento Motor da Criança XVII* (pp. 28-32). Escola Superior de Educação – Instituto Politécnico de Lisboa. ISBN: 978-989-8912-24-4
- 2) Fragoso, I., & Bonito, F. (2024). Composição Corporal. In Fragoso, I. (Eds.), *Crescimento, Maturação e Desempenho Desportivo. Curso Prático* (pp. 106-207). Edições FMH. ISBN: 78-972-735-300
- 3) Fragoso, I., & Bonito, F. (2024). Crescimento e Proporcionalidade. In Fragoso, I. (Eds.), *Morfologia e Crescimento* (3rd, pp. 11-60). Edições FMH. ISBN: 978-972-735-297-5
- 4) Fragoso, I., & Bonito, F. (2024). Erros de Medida. In Fragoso, I. (Eds.), *Crescimento, Maturação e Desempenho Desportivo. Curso Prático* (pp. 14-34). Edições FMH. ISBN: 78-972-735-300
- 5) Fragoso, I., & Bonito, F. (2024). Maturação. In Fragoso, I. (Eds.), *Crescimento, Maturação e Desempenho Desportivo. Curso Prático* (pp. 63-105). Edições FMH. ISBN: 78-972-735-300
- 6) Fragoso, I., & Bonito, F. (2024). Medidas Antropométricas. In Fragoso, I. (Eds.), *Crescimento, Maturação e Desempenho Desportivo. Curso Prático* (pp. 35-62). Edições FMH. ISBN: 78-972-735-300

- 7) Fragoso, I., & Vieira, F. (2024). Composição Corporal. In Fragoso, I. (Eds.), *Morfologia e Crescimento* (3rd, pp. 91-149). Edições FMH. ISBN: 978-972-735-297-5
- 8) Fragoso, I., & Vieira, F. (2024). Epigenética e Tendência Secular. In Fragoso, I. (Eds.), *Morfologia e Crescimento* (3rd, pp. 177-191). Edições FMH. ISBN: 978-972-735-297-5
- 9) Fragoso, I., & Vieira, F. (2024). Tipologia Morfológica. In Fragoso, I. (Eds.), *Morfologia e Crescimento* (3rd, pp. 151-174). Edições FMH. ISBN: 978-972-735-297-5
- 10) Fragoso, I., Vieira, F., & Barrigas, C. (2024). Maturação. In Fragoso, I. (Eds.), *Morfologia e Crescimento* (3rd, pp. 61-90). Edições FMH. ISBN: 978-972-735-297-5
- 11) Gouveia, E. R., Ribeiro, T. D., Martins, F., Iglésias, B., & Marques, A. (2024). Promoção da atividade física e da aptidão física nas crianças: o papel da educação física e a inclusão da família (projeto PHASE). In Ferreira, M., & Oliveira, R. (Eds.), *Educación física y calidade de vida en jóvenes* (pp. 89-104). Editora Bagai. ISBN: 978-65-5368-326-6
- 12) Ribeiro, T., Gouveia, E. R., Peralta, M., & Marques, A. (2024). Students' attitudes towards physical education: a rapid review. In Villalobos, M., Taylor, J., Estrada, P., Acosta, J., Villanueva, A., & Chávez, L. (Eds.), *Actualidades en educación física y deporte 2023: Maestría en Educación Física y Deporte* (pp. 107-119). Universidad de Guadalajara. ISBN: 978-84-19803-29-0
- 13) Rodrigues, L. P., Sá, C., Mendes, R., Luz, C., Gomes, R., & Cordovil, R. (2024). Trajetórias de desenvolvimento da competência motora entre os 5 a 15 anos: comparação entre Portugal, Brasil e Cabo Verde. In Pombo, A., Rocha, C. & Luz, C.

- (Eds.), *Estudos em Desenvolvimento Motor da Criança XVII* (pp. 105-110). Escola Superior de Educação – Instituto Politécnico de Lisboa. ISBN: 978-989-8912-24-4
- 14) Sá, C., Rodrigues, L. P., Luz, C., & Cordovil, R. (2024). Curvas normativas da bateria Motor Competence Assessment (MCA) para brasileiros de 5 a 15 anos. In Pombo, A., Rocha, C. & Luz, C. (Eds.), *Estudos em Desenvolvimento Motor da Criança XVII* (pp. 131-135). Escola Superior de Educação – Instituto Politécnico de Lisboa. ISBN: 978-989-8912-24-4
- 15) Santos, V. (2024). A necessidade de intervenções de bem-estar nos profissionais de Polícia. In Fernandes, R., & Machado, P. (Eds.), *40 Anos De Ciências Policiais em Portugal*. Instituto de Ciência Policiais e Segurança Interna. ISBN: 978-972-8630-35-5
- 16) Yázigi, F. (2024). Benefícios del Ejercicio para la Ansiedad y Stress. In Marcos Pardo, P., Abalde Valeiras, J. & R. Vaquero-Cristóbal, R. (Eds.), *Enfermedades crónicas y ejercicio físico: Guía de la red de investigación HEALTHY-AGE* (pp. 21-30). Dykinson. <https://doi.org/10.14679/3573>
- 17) Yázigi, F. (2024). Ejercicio acuático y osteoartrosis de la rodilla. In Fonseca-Pinto, R., Albarracín, A. & Moreno-Murcia, J. A. (Eds.), *Avances científicos y prácticos en las actividades acuáticas* (pp. 133-138). Sb Editorial.
<https://www.asociacionaidea.com/libros/#1705730219494-b1bd96e9-4238>;
<https://jamorenmurcia.umh.es/files/2024/02/Libro-completo-espanol-1.pdf>
- 18) Yázigi, F. (2024). Exercício aquático na osteoartrose do joelho. In Fonseca-Pinto, R., Albarracín, A. & Moreno-Murcia, J. A. (Eds.), *Avanços científicos e práticos nas atividades aquáticas* (pp. 133-139). Sb Editorial.
<https://www.asociacionaidea.com/libros/#1705730771943-6bc32133-9117>;
<https://jamorenmurcia.umh.es/files/2024/02/Libro-completo-portugues-1.pdf>

- 19) Yázigi, F., & Espanha, M. (2024). Beneficios del ejercicio en osteoartritis y artritis reumatoide. In Marcos Pardo, P., Abraldes Valeiras, J. & R. Vaquero-Cristóbal, R. (Eds.), *Enfermedades crónicas y ejercicio físico: Guía de la red de investigación HEALTHY-AGE* (pp. 21-30). Dykinson. <https://doi.org/10.14679/3573>
- 20) Yázigi, F., & Espanha, M. (2024). Osteoartritis y artritis reumatoide: Prescripción y planificación de ejercicio físico. In Marcos Pardo, P., Abraldes Valeiras, J. & R. Vaquero-Cristóbal, R. (Eds.), *Enfermedades crónicas y ejercicio físico: Guía de la red de investigación HEALTHY-AGE* (pp. 273-286). Dykinson. <https://doi.org/10.14679/3573>

Research Articles

Research Articles Published in Scientific Journals Indexed in Web of Science

1st Quartile

- 1) Almeida, M. B., Moreira, M., Moleirinho-Alves, P., & Oliveira, R. (2024). Neck Strength Variations in Dental Students with and without Neck Pain: A Longitudinal Study. *Applied Sciences-Basel*, 14(18), Article 8205. <https://doi.org/10.3390/app14188205>. JIF = 2.5. Q1 (Engineering, Multidisciplinary). JIC = 0.56 (Q2)
- 2) Almeida, M. B., Moreira, M., Moreira, J., Vaz, J. R., Moleirinho-Alves, P., & Oliveira, R. (2024). The time-course changes in postural control variability between neck pain and asymptomatic dental students. *Scientific Reports*, 14, Article 31004. <https://doi.org/10.1038/s41598-024-82119-x>. JIF = 3.8. Q1 (Multidisciplinary Sciences). JIC = 1.05 (Q1)
- 3) Bajunaid, R., Niu, C., Hambly, C. et al. [Sardinha, L., & Silva, A. M] (2024). Predictive equation derived from 6497 doubly-labelled water measurements enables the detection of erroneous self-reported energy intake. *Nature Food*.

<https://doi.org/10.1038/s43016-024-01089-5>. JIF = 23.6. Q1 (Food Science & Technology). JIC = 4.04 (Q1)

- 4) Beaudart, C., Tilquin, N., Abramowicz, P., Baptista, F., et al. (2024). Quality of life in sarcopenia measured with the SarQoL questionnaire: A meta-analysis of individual patient data. *Maturitas*, 180(107902).

<https://doi.org/10.1016/j.maturitas.2023.107902>. JIF = 3.9. Q1 (Obstetrics & Gynecology). JIC = 1.23 (Q1)

- 5) Borges, M. D., Ribeiro, T. D., Peralta, M., Gouveia, B. R., & Marques, A. (2024). Are the physical activity habits of healthcare professionals associated with their physical activity promotion and counselling?: A systematic review. *Preventive Medicine*, 186, Article 108069. <https://doi.org/10.1016/j.ypmed.2024.108069>. JIF = 4.3. Q1 (Medicine, General & Internal). JIC = 1.19 (Q1)

- 6) Brito, H., Lopes, H., Vaz de Carvalho, M., Carrilho, D., Carvalho, A., & Araújo, D. (2024). The effects of nature-based vs. indoor settings on the adaptability, performance and affect of calisthenics exercisers. A registered report. *Psychology of Sport and Exercise*, 73, Article 102626.

<https://doi.org/10.1016/j.psychsport.2024.102626>. JIF = 3.1. Q1 (Psychology). JIC = 1.07 (Q1)

- 7) Campa, F., Coratella, G., Cerullo, G., Noriega, Z., Francisco, R., Charrier, D., Irurtia, A., Lukaski, H., Silva, A. M., & Paoli, A. (2024). High-standard predictive equations for estimating body composition using bioelectrical impedance analysis: a systematic review. *Journal of Translational Medicine*, 22(1), Article 515.

<https://doi.org/10.1186/s12967-024-05272-x>. JIF = 6.1. Q1 (Medicine, Research & Experimental). JIC = 1.52 (Q1)

- 8) Carraça, E. V., Nunes, C. L., Santos, I., Finlayson, G., & Silva, A. M. (2024). Food reward associations with motivational eating behavior traits and body mass index in Portuguese former elite athletes. *Journal of the Science of Food and Agriculture*, 104(4). <https://doi.org/10.1002/jsfa.13134>. JIF = 3.3. Q1 (Agriculture, Multidisciplinary). JIC = 0.81 (Q1)
- 9) Cortez, F. M., Nunes, C. L., Sardinha, L., Silva, A. M., & Teixeira, V. H. (2024). The BREAK study protocol: Effects of intermittent energy restriction on adaptive thermogenesis during weight loss and its maintenance. *PLOS One*, 18(11), Article e0294131. <https://doi.org/10.1371/journal.pone.0294131>. JIF = 2.9. Q1 (Multidisciplinary Sciences). JIC = 0.88 (Q1)
- 10) Costa e Silva, L., Silva, A. L., Teles, J., & Fragoso, I. (2024). Sports Injury Profile in Children and Adolescents - Influence of Physical Activity Intensity and Maturation. *Applied Sciences-Basel*, 14(21), Article 10632. <https://doi.org/10.3390/app142210632>. JIF = 2.5. Q1 (Engineering, Multidisciplinary). JIC = 0.56 (Q2)
- 11) Costa, M. J., Marinho, D. A., Reis, J. F., Espada, M. C., & Santos, C. C. (2024). Monitoring In-Water and Dryland Interlimb Asymmetry of Young Competitive Swimmers: Insights Across a Training Macrocycle. *Applied Sciences-Basel*, 14(24), Article 11858. <https://doi.org/10.3390/app142411858>. JIF = 2.5. Q1 (Engineering, Multidisciplinary). JIC = 0.56 (Q2)
- 12) Dias, S. B., Jelinek, H. F., & Hadjileontiadis, L. J. (2024). Wearable neurofeedback acceptance model for students' stress and anxiety management in academic settings. *PLOS One*, 19(10). <https://doi.org/10.1371/journal.pone.0304932>. JIF = 2.9. Q1 (Multidisciplinary Sciences). JIC = 0.88 (Q1)

- 13) Faria, P., Santos, V., & Massuça, L. M. (2024). Predictive Role of Physical Activity and Health-Related Quality of Life in Police Officers' Work Assessment. *European Journal of Investigation in Health Psychology and Education*.
<https://doi.org/10.3390/ejihpe14020020>. JIF = 3.0. Q1 (Psychology, Clinical). JIC = 0.93 (Q2)
- 14) Ferrari, G., Nascimento, M. D., Petermann-Rocha, F., Rezende, L. F. M., O'Donovan, G., Gouveia, E. R., Cristi-Montero, C., & Marques, A. (2024). Lifestyle risk factors and all-cause and cause-specific mortality in the Mexico City prospective study: Assessing the influence of reverse causation. *Journal of Affective Disorders*, 352.
<https://doi.org/10.1016/j.jad.2024.02.072>. JIF = 4.9. Q1 (Clinical Neurology). JIC = 1.47 (Q1)
- 15) FitBack Network [Magalhães, J. P., & Sardinha, L. B.] (2024). How to design and establish a national school-based physical fitness monitoring and surveillance system for children and adolescents: A 10-step approach recommended by the FitBack network. *Scandinavian Journal of Medicine & Science in Sports*, 34(3), Article 14593. <https://doi.org/10.1111/sms.14593>. JIF = 3.5. Q1 (Sport Sciences). JIC = 1.35 (Q1)
- 16) Flores Olivares, L. A., & Fragoso, I. (2024). Preece–Baines 1 model validation for cross-sectional data in male soccer players according to maturity status. *American Journal of Human Biology*, 36(1), Article e23989. <https://doi.org/10.1002/ajhb.23980>. JIF = 1.6. Q1 (Anthropology). JIC = 0.85 (Q2)
- 17) Flores Olivares, L. A., De León, L. G., McLaren-Towlson, C., Bonito, F., Mil-Homens, P., Peña-González, I., & Fragoso, I. (2024). Skeletal age prediction models by maturity status in male soccer players. *Scientific Reports*.

<https://doi.org/10.21203/rs.3.rs-4487339/v1>. JIF = 3.8. Q1 (Multidisciplinary Sciences). JIC = 1.05 (Q1)

- 18) França, C., Martins, F., Lopes, H., Marques, A., Nascimento, M. D., Przednowek, K., Ihle, A., Campos, P., & Gouveia, E. R. (2024). Knee muscle strength, body composition, and balance performance of youth soccer players. *BMC Sports Science Medicine and Rehabilitation*, 16(1), Article 206. <https://doi.org/10.1186/s13102-024-00966-7>. JIF = 2.1. Q1 (Rehabilitation). JIC = 1.02 (Q2)
- 19) Francisco, R., Jesus, F., Di Vincenzo, O., Nunes, C. L., Alvim, M., Sardinha, L. B., Mendonça, G. V., Lukaski, H., & Silva, A. M. (2024). Assessment of exercise-induced dehydration in underhydrated athletes: Which method shows the most promise? *Clinical Nutrition*, 43(9). <https://doi.org/10.1016/j.clnu.2024.08.003>. JIF = 6.6. Q1 (Nutrition & Dietetics). JIC = 1.50 (Q1)
- 20) Haug, E., Smith, O. R. F., Ng, K., Samdal, O., Marques, A., Borraccino, A., Kopcakova, J., Oja, L., & Fismen, A. S. (2024). Family structure and the association with physical activity-Findings from 40 countries participating in the Health Behaviour in School-aged Children (HBSC) study. *PLOS One*, 19(4), Article e0300188. <https://doi.org/10.1371/journal.pone.0300188>. JIF = 2.9. Q1 (Multidisciplinary Sciences). JIC = 0.88 (Q1)
- 21) Jesus, F., Di Vincenzo, O., Francisco, R., Nunes, C. L., Kondo, E., Rocha, P., Minderico, C. S., Sardinha, L. B., Schoeller, D. A., & Silva, A. M. (2024). Water intake in athletes: Agreement between food records and isotope-dilution methods. *Clinical Nutrition*, 43(12). <https://doi.org/10.1016/j.clnu.2024.11.026>. JIF = 6.6. Q1 (Nutrition & Dietetics). JIC = 1.50 (Q1)
- 22) Lungu, D., Neto, T., Andrade, R. J., Coppieters, M. W., Oliveira, R., & Freitas, S. R. (2024). The impact of eccentric muscle contractions on peripheral nerve integrity.

European Journal of Applied Physiology. <https://doi.org/10.1007/s00421-024-05668-z>. JIF = 2.8. Q1 (Sport Sciences). JIC = 0.96 (Q2)

23) Marôco, J. L., Arrais, I., Silvestre, T., Pinto, M., Laranjo, S., Magalhães, J. P., Santa-Clara, H., Fernhall, B., & Melo, X. (2024). Post-acute exercise cardiovagal modulation in older male adults with and without type 2 diabetes. *European Journal of Applied Physiology*, 124(5). <https://doi.org/10.1007/s00421-023-05357-3>. JIF = 2.8. Q1 (Sport Sciences). JIC = 0.96 (Q2)

24) Marques, A., Demetriou, Y., Popovic, S., Gardasevic, J., Masanovic, B., Martins, J., Gouveia, E. R., Tsiatsos, T., Douka, S., Jarani, J., & Peralta, M. (2024). Healthy fitness zone prevalence and age-specific fitness profile of young people in seven European countries in 2022: The EUFITMOS project. *American Journal of Human Biology*, 36(2), Article e23989. <https://doi.org/10.1002/ajhb.23989>. JIF = 1.6. Q1 (Anthropology). JIC = 0.85 (Q2)

25) Marques, M., Vieira, F., Teles, J., & Baptista, F. (2024). Growth and physical development of children at apparent risk of sarcopenia. *Pediatric Research*. <https://doi.org/10.1038/s41390-024-03385-z>. JIF = 3.1. Q1 (Pediatrics). JIC = 1.27 (Q1)

26) Mendonça, G. V., Alves, D. L., Fitas, A., & Pezarat-Correia, P. (2024). Minimum velocity threshold in response to the free-weight back squat: reliability and validity of different submaximal loading schemes. *European Journal of Applied Physiology*, 124(10). <https://doi.org/10.1007/s00421-024-05494-3>. JIF = 2.8. Q1 (Sport Sciences). JIC = 0.96 (Q2)

27) Mercê, C., Davids, K., Cordovil, R., Catela, D., & Branco, M. (2024). Learning to Cycle: Why Is the Balance Bike More Efficient than the Bicycle with Training Wheels? The Lyapunov's Answer. *Journal of Functional Morphology and*

- Kinesiology*, 9(4). <https://doi.org/10.3390/jfmk9040266>. JIF = 2.6. Q1 (Sport Sciences). JIC = 0.87 (Q2)
- 28) Monteiro, L., Santos, V., Abel, M. G., Langford, E. L., Martinez, G. J., & Massuça, L. M. (2024). Biomotor Abilities for Law Enforcement Officer Readiness. *Applied Sciences-Basel*, 14. <https://doi.org/10.3390/app14073004>. JIF = 2.5. Q1 (Engineering, Multidisciplinary). JIC = 0.56 (Q2)
- 29) Montoro-Bombú, R., Miranda-Oliveira, P., Valamatos, M. J., João, F., Buurke, T. J. W., Santos, A. C., & Rama, L. (2024). Kinetic Comparison between Drop Jumps and Horizontal Drop Jumps in Elite Jumpers and Sprinters. *Applied Sciences-Basel*, 14(9), Article 3833. <https://doi.org/10.3390/app14093833>. JIF = 2.5. Q1 (Engineering, Multidisciplinary). JIC = 0.56 (Q2)
- 30) Nascimento, M. D., Ihle, A., Gouveia, E. R., & Marques, A. (2024). Dynamic associations between frailty and cognition over 4 years: A population-based study on adults aged ≥ 50 from 12 European countries. *Journal of Affective Disorders*, 354. <https://doi.org/10.1016/j.jad.2024.03.049>. JIF = 4.9. Q1 (Clinical Neurology). JIC = 1.47 (Q1)
- 31) Nascimento, M. D., Lampraki, C., Marques, A., Gouveia, E. R., Adsuar, J. C., & Ihle, A. (2024). Longitudinal cross-lagged analysis of depression, loneliness, and quality of life in 12 European countries. *BMC Public Health*, 24(1), Article 1986. <https://doi.org/10.1186/s12889-024-19463-0>. JIF = 3.5. Q1 (Public, Environmental & Occupational Health). JIC = 1.10 (Q1)
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- 5) Marques, A., Ferrari, G., Gouveia, E. R., Nascimento, M., & Peralta, M. (2024). Healthy Lifestyle And All-cause Mortality Risk In Adults And Older Adults. *Medicine and Science in Sports and Exercise*, 56(10S), 106.
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- 1) Alves, B., Alhussein, G., Carnide, F., Grammalis, N., Dimitropoulos, K., Trivedi, D., Kurtis Urra, M., Hadjidimitriou, S., Hadjileontiadis, J. L., & Dias, S. B. (2024). An

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- 2) Alves, B., Bruno, P., Diniz, A., Pereira, C., Carnide, F., Alhussein, G., Hadjileontiadis, J. L., & Dias, S. B. (2024). Motor Fluctuations Exploration in People with Parkinson's Disease Using ARIMA-Based Accelerometer Data Modeling. *Proceedings of the 10th IEEE World Forum on Internet of Things*, pp. 582-588. IEEE. <https://doi.org/10.1109/WF-IoT62078.2024.10811449>
- 3) Awad, A., Dias, S. B., Hadjileontiadou, S. J., & Hadjileontiadis, L. J. (2024). Knowledge-based graph representation and prediction of learners' quality of interaction with Learning Management Systems at Higher Education Institutions. *Proceedings of the 4th International Conference on Technology and Innovation in Learning, Teaching and Education* (TECH-EDU 2024). Springer. https://tech-edu.ws/2024/wp-content/uploads/2024/11/DSAI_TECHEDU-AcceptedPapers_V3.pdf
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https://www.ecss.mobi/DATA/CONGRESSES/GLASGOW_2024/DOCUMENTS/2024_BOA_Web.pdf
- 7) Ganiti Roumeliotou, E., Dias, S. B., Khalaf, K., Jelinek, H. F., & Hadjileontiadis, L. J. (2024). Does the Placebo Effect manifest during Gameplay: Investigating Evidence through Reddit Discussions. *Proceedings of the 11th International Conference on Software Development and Technologies for Enhancing Accessibility and Fighting Info-exclusion* (DSAI 2024). ACM. https://dsai.ws/2024/wp-content/uploads/2024/11/DSAI_TECHEDU-AcceptedPapers_V3.pdf
- 8) Ganiti Roumeliotou, E., Pandria, N., Dias, S. B., Hadjileontiadis, L. J., & Bamidis, P. D. (2024). MindOfMine v.2: Towards a Closed-Loop Serious Game Platform for Personalized Cognitive Enhancement in Mental Disorders. *Proceedings of the 4th International Conference on Technology and Innovation in Learning, Teaching and Education* (TECH-EDU 2024). Springer. https://tech-edu.ws/2024/wp-content/uploads/2024/11/DSAI_TECHEDU-AcceptedPapers_V3.pdf

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- 10) Gomes, M., Gonçalves, A., Vila-Chã, C., Pezarat-Correia, P., & Mendonça, G. V. (2024). Acute changes in H reflex and V wave following single and concurrent exercise sessions. In Davison, R. C. R., Tsolakidis, E., Thompson, J. L., Ferrauti, A., & Piacentini, M. F. (Eds.). *Book of Abstracts of the 29th Annual Congress of the European College of Sport Science*, p. 130. European College of Sport Science.
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- 11) Hadjileontiadou, S. J., Dias, S. B., Mikropoulos, A., Balula, A., Klothou, A., Sakonidis, C., Kapsidis, I. D., Kitsas, I., Charisis, V., Hadjidimitriou, S., Sotirakis, C., Apostolidis, G., & Hadjileontiadis, L. J. (2024). EduGenZ: A gamified educational framework for GenZ using affective and immersive technology. *Proceedings of the 4th International Conference on Technology and Innovation in Learning, Teaching and Education (TECH-EDU 2024)*. Springer. https://tech-edu.ws/2024/wp-content/uploads/2024/11/DSAI_TECHEDU-AcceptedPapers_V3.pdf
- 12) Matias, C. N., Borges, H., Valamatos, M. J., Cavaca, M. L., João, F., Cardoso, J., Reis, J. F., Morgado, J. P., Vaz J., Baptista F., Monteiro C. P., Fernandes T. M., Curto, D., Nicolau, M., Jesus, F., Carlos, R., Espada, M, Pardal, M., Vitorino S., Nunes, T., Ribeiro H., Silva C., Rosário I., & Lopes, M. (2024). Body composition and muscular strength: Effects of a deployment in the Portuguese Air Force Flight Squads. In Davison, R. C. R., Tsolakidis, E., Thompson, J. L., Ferrauti, A., &

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- 13) Moreira, M. (2024). A ginástica como treino complementar de outras modalidades: o exemplo dos aéreos no surf. In Silva, M. R., Freitas, C., & Saavedra, F. (Eds.). *9º Congresso Nacional de Ginástica - 7º Congresso Internacional. A Ginástica na Sociedade Global*, p. 42. Federação de Ginástica de Portugal. ISBN: 978-989-8650-64-1
- 14) Pedro, B., Cabral, S., & Veloso, A. P. (2024). Upper-limb muscle activation between two different stances in a tennis forehand drive: a preliminary study. In Holder, J., Fessl, I., Harbour, E., & Schwameder, H. (Eds.). *ISBS 2024 Conference Proceedings*, p. 744. NMU Commons. <https://commons.nmu.edu/isbs/vol42/iss1/239/>
- 15) Ramalho, B., Vicente, M., Escobar, H., Gama, S., Carnide, F., Baptista, F., Diniz, J. A., Hadjileontiadis, L., & Dias, S. B. (2024). “The Kite” Breathing Serious Game: Agile Co-Design for Psoriatic Arthritis. *2024 IEEE 22nd Mediterranean Electrotechnical Conference (MELECON)*, pp. 1036-1041. IEEE.
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- 16) Ramalho, B., Vicente, M., Escobar, H., Gama, S., Carnide, F., Baptista, F., Diniz, J. A., Hadjileontiadis, L., & Dias, S. B. (2024). Developing exergames for psoriatic arthritis using agile storyboarding and game design processes. *Proceedings of the 17th International Conference on Pervasive Technologies Related to Assistive Environments*, pp. 569-575. Association for Computing Machinery.
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- 17) Ramalho, B., Vicente, M., Escobar, H., Gama, S., Diniz, J. A., Charisis, V., Hadjileontiadis, L. J. & Dias, S. B. (2024). Developing Sensorimotor Art Games for Psoriatic Arthritis using Agile Storyboarding and Game Co-Design Processes. *Proceedings of the 11th International Conference on Software Development and Technologies for Enhancing Accessibility and Fighting Info-exclusion (DSAI 2024)* . ACM. https://dsai.ws/2024/wp-content/uploads/2024/11/DSAI_TECHEDU-AcceptedPapers_V3.pdf
- 18) Reis, J. F. (2024). Body composition and muscular strength: effects of deployment in the Portuguese air force flight squads. In Davison, R.C.R., Tsolakidis, E., Thompson, J.L., Ferrauti, A., Piacentini, M.F (Eds.). *Book of Abstracts of the 29th Annual Congress of the European College of Sport Science*, p. 666. European College of Sport Science.
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- 19) Reis, J. F. (2024). Influence of Sex in the Match Demands of Elite Beach Football National Teams. In Davison, R. C. R., Tsolakidis, E., Thompson, J. L., Ferrauti, A., & Piacentini, M. F. (Eds.). *Book of Abstracts of the 29th Annual Congress of the European College of Sport Science*, pp. 636-637. European College fo Sport Science.
https://www.ecss.mobi/DATA/CONGRESSES/GLASGOW_2024/DOCUMENTS/2024_BOA_Web.pdf
- 20) Reis, J. F. (2024). Physical And Cognitive Performance - Effects of 15-Day Deployment In Portuguese Air Force. In Almada, S. F., Orford, R., Garbino, A., Stern, C., Boudreadu, E., Strollo, F., Rosário, I., & Barson, J. (Eds.). *ICAM: 2nd International Congress of Aerospace Medicine*, p. 11. European Union of Medical Specialists.

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- 21) Silva, R., Veloso, A. , Morouço, P., & Alves, N. (2024). Advanced and Flexible 3D Scanning Apparatus for Customized Ankle Foot Orthoses. In Simons, T., & Tsitouras, C. (Eds.). *AIP Conferece Proceedings*, p. 1. AIP Publishing.
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- 22) Silva, R., Veloso, A. , Morouço, P., & Alves, N. (2024). Flexible 3D scanning apparatus for anatomic applications: Concept and preliminary results. In Simons, T., & Tsitouras, C. (Eds.). *AIP Conferece Proceedings*, p. 1. AIP Publishing.
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- 23) Stergioulas, A., Dias, S., Alves, B., Al Hussein, G., Bostantjopoulou, S., Katsarou, Z., ... & Dimitropoulos, K. (2024). Assessing motor skills in Parkinson's Disease using smartphone-based video analysis and machine learning. *Proceedings of the 17th International Conference on Pervasive Technologies Related to Assistive Environments*, pp. 562-568. Association for Computing Machinery.
<https://doi.org/10.1145/3652037.3663945>
- 24) Vila-Nova, F., Santos, S., João, F. & Pascoal, A. G. (2024). Exploring the Frame Football Experience: Perspectives of Children and Adolescents with Cerebral Palsy. In Dan, B. (Eds.). *Abstracts from the 36th Annual Meeting of the European Academy of Childhood Disability (EACD)*, p. 12. Wiley. <https://doi.org/10.1111/dmcn.15935>

Conference Sessions and Presentations

In Portugal

- 1) Araújo, D. (2024, April 8). Sport motor control demand situated cognizant bodies [Keynote]. Embodied Consciousness and its Disorders, Lisboa, Portugal.
<https://walkingbodyproject.rd.ciencias.ulisboa.pt/programme/>

- 2) Belchior, C., Armada da Silva, P., & Araújo, D. (2024, November 8-9). Protocolo para o estudo dos Efeitos do Treino de Meditação na Performance Desportiva de Nadadores [Oral communication]. XXV Jornadas da Sociedade Portuguesa de Psicologia do Desporto, Rio Maior, Portugal.
<https://www.ipsantarem.pt/esdrm/xxvjornadassppd2024/>
- 3) Brito, H. (2024, June 6). E da natureza se faz... a funcionalidade humana [Oral communication]. 3 Minutos de Tese, Lisboa, Portugal.
<https://www.ulisboa.pt/sites/default/files/documents/page/2024/3mtulisboa-2024-lista-finalistas.pdf>
- 4) Brito, H., & Araújo, D. (2024, November 8-9). Melhorar a performance no futebol através de realidade virtual [Oral communication]. XXV Jornadas da Sociedade Portuguesa de Psicologia do Desporto, Rio Maior, Portugal.
<https://www.ipsantarem.pt/esdrm/xxvjornadassppd2024/>
- 5) Carvalho, A., Carvalho, J., Carrilho, D., Brito, H., Lopes, H., Vaz de Carvalho, M., & Araújo, D. (2024, November 8-9). O Carácter Adaptativo das Rotinas Pré-Serviço no Ténis [Oral communication]. XXV Jornadas da Sociedade Portuguesa de Psicologia do Desporto, Rio Maior, Portugal.
<https://www.ipsantarem.pt/esdrm/xxvjornadassppd2024/>
- 6) Carvalho, A., Veiga, N., Camacho, A., Fernandes, R., & Moniz-Pereira, V. (2024, January 13). Caracterização da capacidade funcional, mobilidade funcional e qualidade de vida dos indivíduos mais velhos com fratura trocantérica estável assistidos no CRI-Traumatologia ortopédica da ULS São José [Poster presentation]. Terceiras Jornadas de Traumatologia Ortopédica dos CRIs TO ULS São José e ULS Médio Tejo, Lisboa, Portugal. <https://www.chlc.min-saude.pt/eventos/iii-jornadas-do-crito/>

- 7) Carvalho, L., Encantado, J., & Teixeira, P. J. (2024, September 27-29). Crenças, Atitudes e Conhecimentos dos Profissionais de Saúde Mental Portugueses sobre o Uso Terapêutico de Substâncias Psicadélicas [Oral communication]. Congresso Ordem dos Psicólogos Portugueses, Lisboa, Portugal.
<https://congresso.ordemdospsicologos.pt/>
- 8) Carvalho, L., Encantado, J., Veiga, D., Moller, A. C., Cornelius, T., Kadel, P., & Teixeira, P. J. (2024, September 3-6). Health behavior change through psychedelics: an international population survey [Poster presentation]. 38th Annual Conference of the European Health Psychology Society, Lisboa, Portugal. <https://2024.ehps.net/>
- 9) Conchinhas, D., Vinagre, N., & João, F. (2024, October 3-5). Biomechanics of the human gait on the Moon & Mars [Oral communication]. 2º ICAM 2024, International Congress of Aerospace Medicine, Lisboa, Portugal. <https://www.icam2024.com/>
- 10) Cordovil, R. (2024, February 23). Comunidades Ativas: Escolas e Famílias na Era do Digital [Keynote]. Comunidades Ativas: Escolas e Famílias na Era do Digital, Faro, Portugal. <https://agr-tc.pt/wp/?p=5078>
- 11) Cordovil, R. (2024, October 9). Brincar e ser ativo: a importância dos primeiros anos e o papel da escola [Keynote]. 15º aniversário da Sociedade Científica de Pedagogia do Desporto, Rio Maior, Portugal. <https://cnapef.wordpress.com/2024/10/11/cnapef-participou-no-15-o-aniversario-da-sociedade-cientifica-de-pedagogia-do-desporto/>
- 12) Cordovil, R. (2024, March 27). Brincar cedo e cedo mexer dá saúde e faz crescer! Escolas ativas na era digital [Keynote]. Health Talk , Online, Portugal.
<https://www.esse.uminho.pt/pt/Paginas/DetalheEvento.aspx?Codigo=63553>
- 13) Cordovil, R. (2024, September 18). Incentivar e promover a mobilidade infantil [Keynote]. Semana Europeia da Mobilidade em Faro, Faro, Portugal.
<https://www.forumalgarve.net/events/semana-europeia-da-mobilidade/>

- 14) Cordovil, R., & Bezerra, P. (2024, November 20). O Impacto da Atividade Física nas Diferentes Fases da Vida [Keynote]. Conversas sem idade, Online, Portugal.
https://www.facebook.com/story.php?story_fbid=982476603919233&id=100064707068067&_rdr
- 15) Cordovil, R., Mercê, C., Branco, M., Lopes, F., et al. (2024, September 9). Learning to Cycle: a cultural and generational approach [Oral communication]. Cycling and Society Symposium, Porto, Portugal. <https://www.cyclingandsociety.org>
- 16) Cornelius, T., Teixeira, P. J., Carvalho, L., & Encantado, J. (2024, September 3-6). The Psychedelic Renaissance: Opportunities for behavior change and psychological wellbeing [Round Table]. 38th Annual Conference of the European Health Psychology Society, Lisboa, Portugal. <https://2024.ehps.net/>
- 17) Encantado, J., Veiga, D., Carvalho, L., & Teixeira, P. J. (2024, September 27-29). Ayahuasca e Saúde Pública: Estado de Saúde numa Amostra de Participantes em Cerimónias de Ayahuasca em Portugal [Oral communication]. Congresso Ordem dos Psicólogos Portugueses, Lisboa, Portugal. <https://congresso.ordemdospsicologos.pt/>
- 18) Espanha, M., Marconcin, P., Serra, J., Cordeiro, C. & Yázigi, F. (2024, November 21-22). Programa de autogestão e exercício - PLE2NO. Efeitos na força muscular e no nível de atividade física em idosos com osteoartrose do joelho [Oral communication]. XXXII Jornadas Internacionais do Instituto Português de Reumatologia, Lisboa, Portugal. <https://integratedresolutions.com/jornadasipr>
- 19) Estevan, I. De Meester, A., Veldman, S., Mercê, C., Branco, M., Lopes, F., ..., & Cordovil, R. (2024, September 9). Learning to cycle. A pooled analysis of people from nine countries following a person-centered approach [Oral communication]. Cycling and Society Symposium, Porto, Portugal. <https://www.cyclingandsociety.org>

- 20) Flora, S., Grave, A. S., Pimenta, S., Januário, F., Burtin, C., Baptista, F., & Cruz, J. (2024, November 14-16). COPD patients' perspective on an eHealth intervention for promoting physical activity during pulmonary rehabilitation [Poster presentation]. Congresso da Sociedade Portuguesa de Pneumologia, Lisboa, Portugal.
<https://www.sppneumologia.pt/congressos/40-congresso-de-pneumologia-2024>
- 21) Freitas, R., Lopes, R. J., Sarajärvi, J., & Volossovitch, A. (2024, November 21-22). Elite-level cooperation and opposition dynamics during defensive transitions: using computer vision data to estimate the pass and dribbling progression conceded. [Poster presentation]. 12th International Conference on Sports Sciences Research and Technology Support, Porto, Portugal.
<https://portal.insticc.org/SubmissionDeadlines/65b91c783125b6a4dfe82614>
- 22) Iglésias, B., Ribeiro, T., Peralta, M., Gouveia, E. R., & Marques, A. (2024, March 6). Associação entre força de preensão manual e depressão em adultos e idosos europeus [Oral communication]. e-Conferência Internacional "Enfermagem de Reabilitação: Redefinindo horizontes com vista à inovação", Coimbra, Portugal.
<https://www.esenfc.pt/event/event/home/index.php?target=home&event=1008&defLang=1>
- 23) Lopes, H., Carrilho, D., Vaz de Carvalho, M., Carvalho, A., Brito, H., & Araújo, D. (2024, November 8-9). O papel da perceção-ação e das affordances para a tomada de decisão no judo [Oral communication]. XXV Jornadas da Sociedade Portuguesa de Psicologia do Desporto, Rio Maior, Portugal.
<https://www.ipsantarem.pt/esdrm/xxvjornadassppd2024/>
- 24) Marques, A. (2024, October 12). Atividade física, saúde mental e rendimento académico [Keynote]. 3º Seminário de Exercício Física e Saúde Mental, Viseu,

- Portugal. <https://motricidade.com/2024/10/07/3o-seminario-exercicio-fisico-e-saude-mental/>
- 25) Matias, C. N., Borges, H., Valamatos, M. J. V., Cavaca, M. L., João, F., et al. (2024, October 3-5). Physical and cognitive performance - effects of 15-day deployment in Portuguese Air Force [Oral communication]. 2nd International Congress of Aerospace Medicine, Lisboa, Portugal. <https://www.icam2024.com/>
- 26) Mercê, Catela, D., Cordovil, R., & Branco, M. (2024, September 9). Learning to cycle: the secret of the balance bike [Oral communication]. Cycling and Society Symposium, Porto, Portugal. <https://www.cyclingandsociety.org>
- 27) Moniz-Pereira, V. (2024, April 10). Análise da Marcha a 3D: Aplicações à População Idosa [Keynote]. Biomecânica e Desenvolvimentos Tecnológicos no Desporto e na Saúde, Leiria, Portugal. https://www.gameiros.pt/pt/conferencia-de-biomecanica_444.html?idn=17
- 28) Moreira, M. (2024, May 5). Exposição ao Risco e Desenvolvimento Motor [Keynote]. 13º Encontro Nacional de Famílias 21, Aveiro, Portugal. <https://pais21.pt/13o-encontro-de-familias-21/>
- 29) Moreira, M. (2024, October 11-13). A ginástica como treino complementar de outras modalidades: o exemplo dos aéreos no surf [Keynote]. 9º Congresso Nacional de Ginástica - 7º Congresso Internacional. A Ginástica na Sociedade Global, Vila Real, Portugal. <https://www.ginastica.org/congresso2024>
- 30) Peralta, M., Ribeiro, T., Iglésias, B., & Marques, A. (2024, September 11-13). Compliance with the 24-hour movement behaviours and health-related fitness in Portuguese youth [Poster presentation]. SSHB's annual conference "The Human Biology of Movement Behaviours", Porto, Portugal. <https://www.sshb.org/conference/human-biology-of-movement-behaviours/>

- 31) Raposo, M. R., Ricardo, D., Veloso, A. P., & João, F. (2024, February 8-9). Plantar Pressure Analysis in Children with Cerebral Palsy While Wearing Orthoses – a Descriptive Study [Oral communication]. 1º Congresso Multidisciplinar Paralisia Cerebral, Porto, Portugal. <https://www.appc.pt/eventos/congressopc/>
- 32) Ribeiro, T., Marques, A., Gaspar, S., Gouveia, E. R., & Peralta, M. (2024, March 6). Força de prensão manual e incidência de doença cardíaca em adultos e idosos europeus: estudo de coorte prospetivo de 13 anos [Oral communication]. e-Conferência Internacional "Enfermagem de Reabilitação: Redefinindo horizontes com vista à inovação", Coimbra, Portugal. <https://www.esenfc.pt/event/event/home/index.php?target=home&event=1008&defLang=1>
- 33) Ribeiro, T., Peralta, M., Iglésias, B., & Marques, A. (2024, September 11-13). Interconnectedness of the 24-hour movement behaviours in Portuguese youth: physical activity, sedentary behaviour and sleep [Poster presentation]. SSHB's annual conference "The Human Biology of Movement Behaviours", Porto, Portugal. <https://www.sshb.org/conference/human-biology-of-movement-behaviours/>
- 34) Silva, A. M. (2024, May/June 31-1). Physical Exercise and Health: challenges of the present and beyond [Keynote]. Cascais International Health Forum, Cascais, Portugal. <https://cascaisinternationalhealthforum.com/speakers/>
- 35) Teixeira, P. J. (2024, December 13). Psicadélicos na saúde mental e comportamental [Oral communication]. Aula aberta no âmbito da Área Psicologia da Justiça e Desviância, Porto, Portugal. <https://noticias.up.pt/eventos/psicadelicos-na-saude-mental-e-comportamental/>
- 36) Vaz de Carvalho, M., Lopes, H., Brito, H., Carvalho, A., & Araújo, D. (2024, November 8-9). A variabilidade inerente ao acoplamento entre perceção e ação

explica a perícia no Rope Skipping [Oral communication]. XXV Jornadas da Sociedade Portuguesa de Psicologia do Desporto, Rio Maior, Portugal.

<https://www.ipsantarem.pt/esdrm/xxvjornadassppd2024/>

- 37) Vila-Nova, F., Santos, S., João, F., & Pascoal, A. G. (2024, February 8-9). Exploring the Impact of Frame Football as an Inclusive PA for Children with CP [Oral communication]. 1º Congresso Multidisciplinar Paralisia Cerebral, Porto, Portugal.

<https://www.appc.pt/eventos/congressopc/>

- 38) Yázigi, F. (2024, June 29-30). Programas de Exercício para Pessoas 70+ [Oral communication]. Fitness World Conference, Lisboa, Portugal.

https://fitnessworld.pt/?fbclid=IwY2xjawHH6PFleHRuA2FlbQIxMAABHe_4S-pTR61JCnntvcbVrl6ZyDQ5eKq78weOOC-o5bY9qbu2HiGF-O1Gsw_aem_n6ASx-O6NKwfHoVMQWB0ZQ

- 39) Yázigi, F. (2024, October 4-6). H2O Control Challenge: Potência, Força e Estabilidade [Oral communication]. II Congresso Internacional de Atividades Aquáticas, Évora, Portugal. <https://www.ciaa2024.uevora.pt/>

Abroad

- 1) Alves, B., Bruno, P., Diniz, A., Pereira, C., Carnide, F., Alhussein, G., Hadjileontiadis, L., & Dias, S. B. (2024, November 10-13). Motor fluctuations exploration in people with Parkinson's disease using ARIMA-based accelerometer data modeling [Oral communication]. The 10th IEEE World Forum on Internet of Things, Ottawa, Canada. <https://wfiot2024.iot.ieee.org/>
- 2) Araújo, D. (2024, October 25-26). Ecological considerations of coaching team sports [Keynote]. IV Congreso Internacional de Investigación Aplicada em Ciencias de la Actividad Física y el Deporte, Murcia, Spain. <https://congresointernacionalcafd-um.blogspot.com/p/programa.html>

- 3) Araújo, D. (2024, July 15-19). The ecological dynamics of cognizant bodies in expert sport performance [Keynote]. FEPSAC Congress 2024, Innsbruck, Austria.
<https://fepsac2024.eu/index.php>
- 4) Baptista, F (2024, March 14). Skeletal muscle power impairment in children and clinical patients [Keynote]. Powerpenia Seminar, Porto Alegre, Brasil.
<https://www.sympla.com.br/evento/powerpenia-seminar/2343335?referrer=www.google.com>
- 5) Carvalho, A., Vanrenterghem, J., Carnide, F., Assunção, A., Veiga, N., Veloso, A. P., & Moniz-Pereira, V. (2024, September 9-14). Three-Dimensional gait kinematics in older adults after stable trochanteric fracture [Oral communication]. Annual Meeting of the European Society for Movement Analysis in Adults and Children, Oslo, Norway. <https://www.esmac2024.org/>
- 6) Cordovil, R. (2024, May 4). Questions and challenges in motor development: A journey from safety to risk, (in)dependent mobility, learning and motor competence / Domande e sfide nello sviluppo motorio: un viaggio dalla sicurezza al rischio, (in)dipendenza della mobilità, apprendimento e competenza motoria [Keynote]. Master Course “Infanzia e Movimento: lo sviluppo da 0 a 6 anni”, Verona, Italy.
<https://www.corsi.univr.it/?ent=cs&id=572>
- 7) Cordovil, R. (2024, September 21). Patios Escolares, ¿espacios desafiantes o seguros y amigos de los niños? [Keynote]. I Círculo Verde de Pediatría Social, Madrid, Spain.
<https://www.pediatriasocial.es/index.php?area=agenda&accion=ver&id=591>
- 8) Cordovil, R., Burnay, C., Button, C., Anderson, D., & Barreiros, J. (2024, June 6). Parental estimations of children’s behaviors in different risk scenarios [Oral communication]. International Motor Development Research Consortium, Gent, Belgium. <https://journals.humankinetics.com/view/journals/jmld/12/S1/article-p1.xml>

- 9) Dias, S. B., Alves, B., Alhussein, G., Stergioulas, A., Grammalidis, N., Dimitropoulos, K., Trivedi, D., Bostantjopoulou, S., & Hadjileontiadis, L. (2024, November 21-22). Developing a smartphone-based motor assessment tool for Parkinson's Disease patients [Oral communication]. 2nd Healthy Longevity Symposium, Abu Dhabi, United Arab Emirates.
<https://www.ku.ac.ae/conferences/2nd-healthy-longevity-symposium>
- 10) Dias, S. B., Ramalho, B., Vicente, M., Escobar, H., Magalhães, F., Costa, R., Gama, S., & Hadjileontiadis, L. (2024, November 21-22). Developing a Serious Game Suite for alleviating symptoms of Psoriatic Arthritis patients [Poster presentation]. 2nd Healthy Longevity Symposium, Abu Dhabi, United Arab Emirates.
<https://www.ku.ac.ae/conferences/2nd-healthy-longevity-symposium>
- 11) Magalhães, J. P., Rosa, G. B., Correia, I. R., Bernardino, A. V., Hetherington-Rauth, M., & Sardinha, L. B. (2024, May 29). Associations between morning and afternoon moderate-to-vigorous physical activity with physical fitness in children and adolescents [Oral communication]. ACSM Annual Meeting 2024, Boston, United States of America. <https://doi.org/10.1249/01.mss.0001058580.02631.0a>
- 12) Marôco, J. L., Gaspar, M. P., Cruz, L., Laranjo, S., Santa-Clara, H., Fernhall, B., & Melo, X. (2024, November 20-22). Baroreflex sensitivity is similarly reduced during exercise in young females and males regardless of intensity and matching of blood pressure [Poster presentation]. Integrative Physiology of Exercise Conference, American Physiological Society, Pennsylvania, United States of America.
<https://www.physiology.org/professional-development/meetings-events/integrative-physiology-of-exercise-conference?SSO=Y>
- 13) Matias, C. N., et al. [Valamatos, M. J., João, F., Reis, J. F., Baptista, F., Monteiro, C. P.] (2024, July 2-5). Body composition and muscular strength: effects of deployment

- in the Portuguese Air Force flight squads [Poster presentation]. 29th Annual Congress of the European College of Sport Science, Glasgow, Scotland. <https://sport-science.org/index.php/congress/glasgow-2024>
- 14) Pedro, B., Cabral, S., & Veloso, A. P. (2024, July 15-19). Upper limb muscle activation between two different stances in a tennis forehand drive: a preliminary study [Poster presentation]. Annual Conference of the International Society of Biomechanics in Sports 2024, Salzburg, Austria. <https://www.isbs2024.com>
- 15) Rodrigues, A., Assunção, A., Costa, C., Baptista, F., Carnide, F., Lucas, H., Fonseca, P., Rosado-Ramos, R., & Timmons, S. (2024, September 18-20). Climate change and Healthy AgeinG: co-creating E-learning for resilience and adaptation (chAnGE) [Poster presentation]. European Geriatric Medicine Society, Valencia, Spain. <https://eugms2024.com/>
- 16) Rodrigues, A., Assunção, A., Costa, C., Baptista, F., Carnide, F., Lucas, H., Fonseca, P., Rosado-Ramos, R., & Timmons, S. (2024, September 18-20). Social care worker's awareness and concerns regarding climate change and ageing [Poster presentation]. European Geriatric Medicine Society, Valencia, Spain. <https://eugms2024.com/>
- 17) Rodrigues, L., Cordovil, R., Costa, J., & Seabra, A. (2024, June 7). Improving motor competence of children: The “super quinas” intervention program [Oral communication]. International Motor Development Research Consortium, Gent, Belgium. <https://journals.humankinetics.com/view/journals/jmld/12/S1/article-p1.xml>
- 18) Silva, A. M. (2024, November 22-23). Body composition challenges in master athletes: from methods to application [Keynote]. 7th International SINSeB-SINut - ASAND, Bologna, Italy. <https://www.mediabout.it/wp-content/uploads/2024/05/Programma-Congress-SINSEB-2024.pdf>

- 19) Silva, A. M. (2024, March 9). Regulação do balanço energético: O papel da termogénese adaptativa [Keynote]. 3º Simpósio Internacional de Imunometabolismo e Exercício, São Paulo, Brasil. <https://www.youtube.com/watch?v=4NYqLzuEBEQ>
- 20) Silva, V., Riegerd, E., & Vieira, F. (2024, November 21-23). Nutrition knowledge and somatotype of female orienteering athletes [Poster presentation]. 2nd International Conference on Hiking and Mountain sports and 3rd International Conference Women and Mountains, Valencia, Spain. <https://www.ucv.es/oferta-academica/congresos-y-jornadas/congresos-y-jornadas-2024/ii-congreso-internacional-de-senderismo-y-deportes-de-montana/eng/presentation>
- 21) Silva, V., Souza, I., Silva, D., Riegerd, E., Ibáñez, H., & Vieira, F. (2024, August 5-7). Anthropometric characteristics of orienteering athletes [Oral communication]. ISAK 2024 XVIII World Conference on Kinanthropometry, London, United Kingdom. <https://www.stmarys.ac.uk/events/2024/isak-conference-2024-xviii-world-conference-on-kinanthropometry>
- 22) Teixeira, P. J. (2024, June 6-8). Psychedelics as Preventative Care [Round Table]. The Interdisciplinary Conference on Psychedelic Research, Haarlem, The Netherlands. <https://www.icpr-conference.com/>
- 23) Veloso, A. P. (2024, June/July 30-3). Assessment of muscle function and gait asymmetry after a strayer procedure applied to a child with cerebral palsy [Poster presentation]. European Society of Biomechanics, Edinburgh, United Kingdom. <https://esbiomech2024.org/>
- 24) Veloso, A. P. (2024, July 20-22). The use of pressure insoles or load soles to help/validate the development of contact models to predict GRF when using musculoskeletal models [Keynote]. ESM 2024, Grassau, Germany. <https://novel.de/events/esm-2024/#program>

- 25) Veloso, A. P. (2025, August 19-22). Can simulated crouch gait by healthy children help to understand what is behind the crouch gait pattern? [Poster presentation]. Canadian Society for Biomechanics 2024, Edmonton, Canada. <https://www.csb-scb-conference.com/conference-program>
- 26) Veloso, A. P. (2024, July 15-19). Neuromuscular function during maximum intensity sidestep-cutting maneuver: exploring the influence of anticipation and prior ACL injury [Poster presentation]. International Society of Biomechanics in Sports, Salzburg, Austria. <https://www.isbs2024.com/>
- 27) Vila-Nova, F., Oliveira, R., Cadete, A., Ribeiro, H., Folha, T., Longo, E., Martins, E., & Sá, C. (2024, May 1-2). Enhancing Movement Behavior Assessment in Children with Cerebral Palsy: Content Validity of the 24-hour checklist Portuguese Versions [Oral communication]. European Academy of Childhood Disability 36th Annual Meeting, Bruges, Belgium. <https://edu.eacd.org/36th-eacd-meeting-bruges-belgium-29-may-1-june-2024>
- 28) Vila-Nova, F., Santos, S., João, F., & Pascoal, A. G. (2024, May/June 29-1). Exploring the frame football experience: perspectives of children and adolescents with cerebral palsy [Poster presentation]. European Academy of Childhood Disability 36th Annual Meeting, Bruges, Belgium. <https://eacd2024.org/>
- 29) Volossovitch, A. (2024, September 7-8). Identifying, selecting, and developing football talent from a long-term perspective [Keynote]. China-Portugal Simpósio de Ciências do Desporto – Treino e Competição Científica no Futebol, Macau, China. <https://www.sport.gov.mo/pt/other-schedule+/type/item/time/2024-09-07/id/10961>

Symposia Contributions

In Portugal

- 1) Cordovil, R. (2024, September 12). In Fonseca, G. (Chair). *Tertúlia (des)ConectAR a BrincAR* [Symposium]. V Jornadas da Educação da Lourinhã, Lourinhã, Portugal. <https://unidademultidisciplinardeapoio.my.canva.site/tertulias-12set-amal>
- 2) Cordovil, R. (2024, October 3). *Como brincam hoje as crianças em Portugal* – é tempo de brincar! *Como brincam hoje as crianças em Portugal?* [Symposium]. 4^a conferência Estrelas & Ouriços, Oeiras, Portugal. <https://www.esec.pt/a-esec/iv-conferencia-estrelas-ouricos-como-brincam-hoje-as-criancas-em-portugal-2/>
- 3) Cordovil, R. (2024, June 10). Apresentação da coleção de livros “Pela sua saúde – atividade física e bem-estar”. *Pela sua saúde – atividade física e bem-estar*, Lisboa, Portugal. https://www.youtube.com/watch?v=q04v5m_0_T8
- 4) Teixeira, P. J., Seyberth, C., & Matos, M. J. (2024, September 27-29). *Psicadélicos e Estilo de Vida*. In Seybert, C., Teixeira, P. J., Madeira, L., & Silva, M. J. (Chair). *Psicadélicos — Gloriosos (?) Anos 20* [Symposium]. Congresso Ordem dos Psicólogos Portugueses, Lisboa, Portugal. <https://congresso.ordemdospsicologos.pt/>

Organization of Conferences, Symposiums, and Congresses

In Portugal

- 1) Araújo, D. (2024, December 3). *Constraints-Led Approach in Tennis* [Organizer – partnership with International Federation of Tennis]. Lisboa, Portugal. <https://www.fmh.ulisboa.pt/eventos/item/2718-constraints-led-approach-in-tennis>
- 2) Assunção, A. (2024, November 22). 8^a Conferência Anual da RedeSAÚDE [Member of the Scientific Committee]. Lisboa, Portugal. <https://www.ulisboa.pt/evento/8a-conferencia-anual-da-redesaude>
- 3) Carnide, F. (2024, May 18). *Novos Conceitos e Instrumentos para Promover a Literacia em Saúde Pública* (5^a Conferência de Saúde Pública da redeSAÚDE)

[Member of the Organization Committee]. Lisboa, Portugal.

<https://www.ulisboa.pt/evento/5a-conferencia-anual-de-saude-publica-da-redesaude>

- 4) Carnide, F. (2024, November 22). 8ª Conferência Anual redeSAÚDE "Developing knowledge and tools for Patient-Centric Care" [President of the Organization Committee]. Lisboa, Portugal. <https://www.ulisboa.pt/evento/8a-conferencia-anual-da-redesaude>
- 5) Carnide, F. (2024, November 22). Prémio Universidade de Lisboa, redeSAÚDE [President of the Grant Committee]. Lisboa, Portugal.
<https://www.ulisboa.pt/info/premio-ulisboa-redesaude>
- 6) Encantado, J. (2024, September 3-6). 38th Annual Conference of the European Health Psychology Society [Member of the Organization Committee]. Lisboa, Portugal.
<https://2024.ehps.net/>
- 7) Mendonça, G. V., & Freitas, S. R. (2024, July 1). Neuromuscular Seminar International Seminar [Organizer]. Lisboa, Portugal.
<https://neuromuscular.fmh.ulisboa.pt/noticias/item/410-neuromuscular-science-international-seminar>
- 8) Moreira, M. (2024, October 11-13). 9º Congresso Nacional de Ginástica - 7º Congresso Internacional. A Ginástica na Sociedade Global [Organizer]. Vila Real, Portugal. <https://www.ginastica.org/congresso2024>
- 9) Moreira, M. (2024, September 27). Noite Europeia dos Investigadores [FMH Stand coordinator]. Oeiras, Portugal. <https://www.oeiras.pt/-/noite-europeia-dos-investigadores-setembro-2024>
- 10) Moreira, M. (2024, July 25). 25º Aniversário do Pavilhão do Conhecimento – Centro Ciência Viva [FMH Stand coordinator]. Lisboa, Portugal.
<https://www.pavconhecimento.pt/25aniversario>

- 11) Pedro, B. (2024, December 3). Constraints-led Approach In Tennis [Organizer - partnership with International Federation of Tennis]. Lisboa, Portugal.
<https://www.fmh.ulisboa.pt/eventos/item/2718-constraints-led-approach-in-tennis>
- 12) Vieira, F. (2024, September 2-7). ISAK Level 3 Anthropometry Accreditation Course [Coordinator]. Lisboa, Portugal. <http://www.fmh.ulisboa.pt/pt/formacao-continua/formacao-especializada/curso-de-acreditacao-em-antropometria-da-isak>
- 13) Vieira, F. (2024, September 5-7). ISAK Level 1 Anthropometry Accreditation Course [Coordinator]. Lisboa, Portugal. <http://www.fmh.ulisboa.pt/pt/formacao-continua/formacao-especializada/curso-de-acreditacao-em-antropometria-da-isak>
- 14) Volossovitch, A. (2024, April 19-20). 9 ° Simpósio de Andebol - “Para um Jogador do futuro. Tendências de evolução do jogo” [Member of the Organization Committee]. Lisboa, Portugal. <https://portal.fpa.pt/2024/04/9-a-edicao-do-simposio-de-andebol-decorre-nos-dias-19-e-20-de-abril/>

Abroad

- 1) Dias, S. B. (2024, November 13-15). 4th International Conference on Technology and Innovation in Learning, Teaching and Education (TECH-EDU 2024) [Co-chair]. Abu Dhabi, United Arab Emirates. <https://tech-edu.ws/2024/>
- 2) Veloso, A. P. (2024, June/July 30-3). 29th Congress of the European Society of Biomechanics (Sports Biomechanics Track Chair) [Member of the Scientific Committee]. Edinburgh, United Kingdom. <https://esbiomech2024.org/>
- 3) Veloso, A. P. (2024, July 20-22). ESM 2024 [Member of the Scientific Committee]. Grassau, Germany. <https://novel.de/events/esm-2024/#chair>

Concluded Master’s Dissertations

- 1) Aguiar, A. (2024). Validity of a markerless 3D Motion analysis system for assessing gait in active elderly people: influence of clothing on the kinematic and kinetic data

- [Mestrado em Engenharia Biomédica, Escola Superior de Tecnologia, Instituto Politécnico de Setúbal]. Supervisor: Castro, A.; Co-supervisor: Moniz-Pereira, V.
- 2) Alves, D. (2024). Reproducibility and validity of the minimum velocity threshold obtained in response to different acute loading schemes [Mestrado em Treino Desportivo de Alto Rendimento, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Mendonça, G. V.
 - 3) Alves, E. (2024). Densitometria radiológica de dupla energia (DXA) como um método alternativo aos modelos densitométricos para a medição do volume corporal em atletas [Mestrado em Exercício e Saúde, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Silva, A. M.
 - 4) André, C. (2024). Impacto de uma Intervenção Digital para a Mudança Comportamental no Stress Percebido: O Papel Mediador da Atividade Física [Mestrado em Psicologia, Instituto Superior de Psicologia Aplicada]. Supervisor: Encantado, J.
 - 5) Barbosa, G. (2024). Abordagem ecológica ao design do treino desportivo complementar em ginásio: entrevista a treinadores [Mestrado em Treino Desportivo de Alto Rendimento, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Araújo, D.
 - 6) Barros, J. (2024). Fiabilidade teste-reteste da cinemática da mudança de direção não planeada, avaliada através de um sistema de análise de movimento a 3D sem marcadores, em jogadores de futebol [Mestrado em Treino Desportivo de Alto Rendimento, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Moniz-Pereira, V.; Co-supervisor: Fernandes, R.

- 7) Burnay, L. (2024). Determinantes do declínio da força muscular na indústria automóvel [Mestrado em Ergonomia, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Carnide, F.
- 8) Caeiro, J. (2024). Prevalência de sintomas músculo-esqueléticos relacionados com o trabalho em Medicina Dentária em Portugal: estudo comparativo entre médicos dentistas, higienistas orais e assistentes dentários [Mestrado em Higiene Oral, Faculdade de Medicina Dentária, Universidade de Lisboa]. Supervisor: Bizzara, F.; Co-supervisor: Oliveira, R.
- 9) Conchinhas, D. (2024). Biomechanical characterization of the gait pattern of healthy adults under different hypogravity conditions [Mestrado em Exercício e Saúde, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: João, F.; Co-supervisor: Vinagre, N.
- 10) Costa, I. (2024). Relationship between Physical Fitness, Physical Activity, and Sedentary Patterns with Tumor and Cardiometabolic Biomarkers in Women Newly Diagnosed with Breast Cancer [Mestrado em Exercício e Saúde, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Magalhães, J. P.
- 11) Costa, R. (2024). Gait biomechanics in Cerebral Palsy children: comparison of Markerless and Marker-based motion capture systems [Mestrado em Engenharia Biomédica e Biofísica, Faculdade de Ciências, Universidade de Lisboa]. Supervisor: João, F.; Co-supervisor: Garcia, N.
- 12) Curião, J. (2024). Caracterização da influência de estratégias de Post-Activation Potentiation (PAP) no aumento de performance em jogadores de rugby [Mestrado em Treino Desportivo de Alto Rendimento, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Valamatos, M. J.

- 13) de Moura, F. (2024). Perfil antropométrico e funcional dos cadetes-alunos, recém-admitidos à academia militar [Mestrado em Treino Desportivo de Alto Rendimento, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Fragoso, I.
- 14) Domingos, F. (2024). Efeitos da hora do dia em que o exercício é realizado no controlo glicémico de pessoas com obesidade ou alterações metabólicas: uma revisão sistemática [Mestrado em Exercício e Saúde, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Magalhães, J. P.
- 15) Escobar, H. (2024). iPROLEPSIS: Psoriatic Arthritis Inflammation Explained Through Multi-source Data Analysis Guiding a Novel Personalized Digital Care Ecosystem [Mestrado em Ciências e Engenharia Informática, Instituto Superior Técnico, Universidade de Lisboa]. Supervisor: Gama, S.; Co-supervisor: Dias, S. B.
- 16) Ferreira, A. (2024). Statistical analysis of longitudinal data: effect of the menstrual cycle and oral contraceptives on body composition in female university students [Mestrado em Bioestatística, Faculdade de Ciências, Universidade de Lisboa]. Supervisor: Sousa, L.; Co-supervisor: Vieira, F.
- 17) Ferreira, P. (2024). Relação entre Atividade Física, Ansiedade e Motivação: Uma Análise de Moderação [Mestrado em Psicologia, Instituto Superior de Psicologia Aplicada]. Supervisor: Encantado, J.
- 18) Filipe, J. (2024). Intervenção no Programa Comunitário PLE²NO: Educação e Exercício em indivíduos com Osteoartrose do Joelho [Mestrado em Exercício e Saúde, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Espanha, M.
- 19) Garrido, S. (2024). Acute Effects of Repeated Rowing Sprints with Voluntary Hypoventilation at Low Lung Volume: A Pilot Study [Mestrado em Treino

Desportivo de Alto Rendimento, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Reis, J. F.

20) Lopes, H. (2024). The Ecological Dynamics of Decision-Making in Judo [Mestrado em Treino de Alto Rendimento, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Araújo, D.

21) Mendes, B. (2024). Effects of plant versus animal-based proteins on muscle protein synthesis: a systematic review and meta-analysis [Mestrado em Treino Desportivo de Alto Rendimento, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Mendonça, G. V.

22) Oliveira, E. (2024). Spatiotemporal Variability on Triple Jump: A Case Study of Patrícia Mamona with Detrended Fluctuation Analysis and Random Forest Analysis [Mestrado em Treino Desportivo de Alto Rendimento, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Araújo, D.; Co-supervisor: Miranda-Oliveira, P.

23) Resende, A. (2024). Validação da barra hexagonal na determinação do perfil força-velocidade em atletas de voleibol feminino [Mestrado em Treino Desportivo de Alto Rendimento, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Valamatos, M. J.

24) Rito, J. (2024). O Impacto de uma Intervenção Digital para a Mudança Comportamental na Ansiedade e Depressão: Análise do Papel Mediador da Atividade Física [Mestrado em Psicologia, Instituto Superior de Psicologia Aplicada]. Supervisor: Encantado, J.

25) Rodrigues, D. (2024). Intervenção no Programa Livre de Educação e Exercício na Osteoartrose (PLE2NO). Efeitos na Atividade física, Dor, Força Funcional dos membros inferiores e Atividades da vida diária [Mestrado em Exercício e Saúde,

Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Espanha, M.

- 26) Sancho, A. (2024). Reliability and Diurnal Variations of Maximal Strength and Peak Rate of Force Development during Nordic Hamstrings Exercise [Mestrado em Treino Desportivo de Alto Rendimento, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Reis, J. F.; Co-supervisor: Costa, J.
- 27) Santos, A. (2024). Diástase abdominal e distância inter-retos: Efeito cumulativo do exercício na morfologia da parede abdominal feminina [Mestrado em Fisioterapia, na especialidade de Saúde da Mulher, Escola Superior de Saúde do Alcoitão]. Supervisor: Pascoal, A. G.; Co-supervisor: Sancho, M. F.
- 28) Santos, A. (2024). Cinética do Consumo de Oxigénio: Dimorfismo Sexual [Mestrado em Treino Desportivo de Alto Rendimento, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Reis, J. F.
- 29) Tanganho, M. (2024). Physical and Physiological Responses of Soccer Players During a Scrimmage Played in Heat Conditions [Mestrado em Treino Desportivo de Alto Rendimento, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Reis, J. F.; Co-supervisor: Costa, J.
- 30) Teixeira, I. (2024). Polypharmacy and Grip Strength: A longitudinal Study for the Survey of Health, Ageing and Retirement in Europe (SHARE) [Mestrado em Epidemiologia, Faculdade de Medicina, Universidade de Lisboa]. Supervisor: Marques, A.
- 31) Teixeira, N. (2024). Analysis of the Locomotive and Physiological Demands in Elite Padel: Comparison Between Level of Practice and Sex [Mestrado em Treino Desportivo de Alto Rendimento, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Reis, J. F.; Co-supervisor: Tavares, A.

- 32) Umiker, N. (2024). A Comprehensive Analysis of Rider-Motorcycle Interaction [Masters in Health Sciences and Technology - Major in Human Movement Science and Sport, ETH Zurich, Department of Health Sciences and Technology]. Supervisor: Passos, P.
- 33) Valério, J. (2024). O perfil força-velocidade vertical dos Guarda-redes de Futebol [Mestrado em Treino Desportivo de Alto Rendimento, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Valamatos, M. J.
- 34) Venâncio, J. (2024). Métodos Utilizados em Plataformas Digitais para a Recomendação de Objetivos Personalizados de Atividade Física: Uma Revisão Sistemática [Mestrado em Exercício e Saúde, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Encantado, J.
- 35) Ventura, N. (2024). Diástase abdominal e distância inter-retos: Efeito de uma variante do exercício push crunch em comparação ao crunch tradicional [Mestrado em Fisioterapia, na especialidade de Saúde da Mulher, Escola Superior de Saúde do Alcoitão]. Supervisor: Pascoal, A. G.; Co-supervisor: Sancho, M. F.
- 36) Vicente, M. (2024). iPROLEPSIS UI: Psoriatic Arthritis Inflammation: A Novel Personalized Digital Care Ecosystem [Mestrado em Ciências e Engenharia Informática, Instituto Superior Técnico, Universidade de Lisboa]. Supervisor: Gama, S.; Co-supervisor: Dias, S. B.

Concluded Doctoral Dissertations

- 1) Brito, H. (2024). The Performance-Enhancing Experience of Nature-based Exercise: an Ecological Dynamics Approach [Doutoramento em Motricidade Humana, na especialidade de Treino Desportivo, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Araújo, D.

- 2) da Silva, R. (2024). Projeto Dama: Dispositivo Vestível para Avaliação Cinemática da Marcha de Indivíduos Pós Acidente Vascular Cerebral [Doutoramento em Fisioterapia, Universidade Federal do Rio Grande do Norte]. Supervisor: Ribeiro, T. S.; Co-supervisor: Fernandes, A. & Oliveira, R.
- 3) Franchi, K. (2024). Orientações Educacionais dos professores de Educação Física escolar no estado do Ceará – Brasil [Doutoramento em Motricidade Humana, na especialidade de Atividade Física e Saúde, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Marques, A.; Co-supervisor: Catunda, R.
- 4) Francisco, R. (2024). The effects of hydration changes on neuromuscular function in athletes [Doutoramento em Motricidade Humana, na especialidade de Atividade Física e Saúde, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Silva, A. M.; Co-supervisor: Mendonça, G. V., & Lukaski, H.
- 5) Moreira, M. (2024). Affordances promotoras da mobilidade no espaço pré-escolar e suas relações com as competências motoras e sócio-emocionais da criança [Doutoramento em Motricidade Humana, na especialidade de Comportamento Motor, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Cordovil, R.; Co-supervisor: Veiga, G., & Lopes, F.
- 6) Pereira, J. (2024). Affordances lúdicas nos espaços de jogo e recreio: avaliação, constrangimentos e implicações no comportamento das crianças [Doutoramento em Motricidade Humana, na especialidade de Comportamento Motor, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Cordovil, R.; Co-supervisor: Lopes, F.
- 7) Quadrado, V. (2024). Brain activation and motor synergies during the plié movement in its different roles in classical ballet [Doutoramento em Motricidade Humana, na

- especialidade de Comportamento Motor, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Passos, P.; Co-supervisor: Ferreira, H.
- 8) Roriz, M. (2024). Effect of internal cooling strategies on physical, physiological and perceptual demands while exercising in the heat [Doutoramento em Nutrição Clínica, Faculdade de Ciências da Nutrição e Alimentação, Universidade do Porto]. Supervisor: Teixeira, V. H., & Moreira, P.; Co-supervisor: Teixeira, F. J., & Brito, J.
- 9) Santos, C. (2024). Baby development in aquatic contexts - effects of stimulation and characterization of the environments [Doutoramento em Motricidade Humana, na especialidade de Comportamento Motor, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Cordovil, R.; Co-supervisor: Cruz, C.
- 10) Seixas, P. (2024). Sensoriomotor Training Program for Aerial Manoeuvres and its Relationship with Lower Limbs' Injuries in Junior Elite Surfers [Doutoramento em Motricidade Humana, na especialidade de Treino Desportivo, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Moreira, M.; Co-supervisor: Oliveira, R.
- 11) Veiga, D. (2024). Associations between grip strength, chronic diseases, and depressive symptomatology in European middle-aged and older adults [Doutoramento em Educação, na especialidade de Educação para a Saúde, Faculdade de Motricidade Humana, Universidade de Lisboa]. Supervisor: Marques, A.; Co-supervisor: Teixeira, P.

Additional Information

Ad Hoc Reviewer of Research Articles

- 1) Araújo, D. Ad hoc reviewer in *Applied Artificial Intelligence*.
- 2) Araújo, D. Ad hoc reviewer in *Applied Economics*.
- 3) Araújo, D. Ad hoc reviewer in *Ecological Psychology*.

- 4) Araújo, D. Ad hoc reviewer in *European Journal of Sport Science*.
- 5) Araújo, D. Ad hoc reviewer in *European Physical Education Review*.
- 6) Araújo, D. Ad hoc reviewer in *Gifted and Talented International*.
- 7) Araújo, D. Ad hoc reviewer in *High Ability Studies*.
- 8) Araújo, D. Ad hoc reviewer in *International Journal of Sports Science & Coaching*.
- 9) Araújo, D. Ad hoc reviewer in *Journal of Applied Sport Psychology*.
- 10) Araújo, D. Ad hoc reviewer in *Psychophysiology*.
- 11) Araújo, D. Ad hoc reviewer in *Scandinavian Journal of Sport and Exercise Psychology*.
- 12) Araújo, D. Ad hoc reviewer in *Sensors*.
- 13) Araújo, D. Ad hoc reviewer in *Sport, Exercise, and Performance Psychology*.
- 14) Araújo, D. Ad hoc reviewer in *Sports Coaching Review*.
- 15) Araújo, D. Ad hoc reviewer in *Sports Medicine*.
- 16) Araújo, D. Ad hoc reviewer in *Sustainability*.
- 17) Araújo, D. Ad hoc reviewer in *Synthese*.
- 18) Araújo, D. Ad hoc reviewer in *Theory & Psychology*.
- 19) Armada-da-Silva, P. Ad hoc reviewer in *Frontiers in Exercise Physiology*.
- 20) Armada-da-Silva, P. Ad hoc reviewer in *Frontiers in Nutrition and Metabolism*.
- 21) Assunção, A. Ad hoc reviewer in *Heliyon*.
- 22) Assunção, A. Ad hoc reviewer in *International Journal of Systems Science: Operations & Logistics*.
- 23) Baptista, F. Ad hoc reviewer in *Frontiers Pediatrics*.
- 24) Brito, H. Ad hoc reviewer in *Frontiers in Psychology*.
- 25) Brito, H. Ad hoc reviewer in *Landscape and Urban Planning*.
- 26) Brito, H. Ad hoc reviewer in *New Ideas in Psychology*.

- 27) Brito, H. Ad hoc reviewer in *Psychology of Sport and Exercise*.
- 28) Brito, H. Ad hoc reviewer in *Scientific Reports*.
- 29) Cabral, S. Ad hoc reviewer in *Journal of Applied Biomechanics*.
- 30) Dias, S. B. Ad hoc reviewer in *Academic Proceedings in Engineering Sciences*.
- 31) Dias, S. B. Ad hoc reviewer in *Africa Education Review*.
- 32) Dias, S. B. Ad hoc reviewer in *Annals of Medicine*.
- 33) Dias, S. B. Ad hoc reviewer in *Applied Sciences*.
- 34) Dias, S. B. Ad hoc reviewer in *Artificial Intelligence in Medicine*.
- 35) Dias, S. B. Ad hoc reviewer in *Artificial Intelligence Review*.
- 36) Dias, S. B. Ad hoc reviewer in *Behaviour & Information Technology*.
- 37) Dias, S. B. Ad hoc reviewer in *BMC Medical Education*.
- 38) Dias, S. B. Ad hoc reviewer in *Clinical Health*.
- 39) Dias, S. B. Ad hoc reviewer in *Cognitive Systems Research*.
- 40) Dias, S. B. Ad hoc reviewer in *Computer Methods and Programs in Biomedicine*.
- 41) Dias, S. B. Ad hoc reviewer in *Computers and Education*.
- 42) Dias, S. B. Ad hoc reviewer in *Digital Health*.
- 43) Dias, S. B. Ad hoc reviewer in *Education Sciences*.
- 44) Dias, S. B. Ad hoc reviewer in *Educational Research and Reviews*.
- 45) Dias, S. B. Ad hoc reviewer in *Entropy*.
- 46) Dias, S. B. Ad hoc reviewer in *Environmental Challenges*.
- 47) Dias, S. B. Ad hoc reviewer in *Eurasia Journal of Mathematics, Science and Technology Education*.
- 48) Dias, S. B. Ad hoc reviewer in *Expert Systems with Applications*.
- 49) Dias, S. B. Ad hoc reviewer in *Frontiers of Information Technology and Electronic Engineering*.

- 50) Dias, S. B. Ad hoc reviewer in *Globalization, Societies and Education*.
- 51) Dias, S. B. Ad hoc reviewer in *Health Informatics Journal*.
- 52) Dias, S. B. Ad hoc reviewer in *Healthcare*.
- 53) Dias, S. B. Ad hoc reviewer in *Human Factors and Ergonomics in Manufacturing & Service Industries*.
- 54) Dias, S. B. Ad hoc reviewer in *Human Resource Development Quarterly*.
- 55) Dias, S. B. Ad hoc reviewer in *IEEE Access*.
- 56) Dias, S. B. Ad hoc reviewer in *IEEE Journal of Biomedical and Health Informatics*.
- 57) Dias, S. B. Ad hoc reviewer in *IEEE Transactions on Games*.
- 58) Dias, S. B. Ad hoc reviewer in *Innovation: the European Journal of Social Science Research*.
- 59) Dias, S. B. Ad hoc reviewer in *Interactive Learning Environments*.
- 60) Dias, S. B. Ad hoc reviewer in *International Journal of Computer Games Technology*.
- 61) Dias, S. B. Ad hoc reviewer in *International Journal of Educational Technology in Higher Education*.
- 62) Dias, S. B. Ad hoc reviewer in *International Journal of Environmental Research and Public Health*.
- 63) Dias, S. B. Ad hoc reviewer in *International Journal of Human-Computer Interaction*.
- 64) Dias, S. B. Ad hoc reviewer in *International Journal of Sport and Exercise Psychology*.
- 65) Dias, S. B. Ad hoc reviewer in *JMIR Serious Games*.
- 66) Dias, S. B. Ad hoc reviewer in *Journal of Ambient Intelligence and Humanized Computing*.

- 67) Dias, S. B. Ad hoc reviewer in *Journal of Clinical Epidemiology*.
- 68) Dias, S. B. Ad hoc reviewer in *Journal of Computer Assisted Learning*.
- 69) Dias, S. B. Ad hoc reviewer in *Journal of Education for Business*.
- 70) Dias, S. B. Ad hoc reviewer in *Journal of Logic and Computation*.
- 71) Dias, S. B. Ad hoc reviewer in *Journal of Medical Internet Research*.
- 72) Dias, S. B. Ad hoc reviewer in *Journal of Nutrition and Metabolism*.
- 73) Dias, S. B. Ad hoc reviewer in *Journal of Science Education and Technology*.
- 74) Dias, S. B. Ad hoc reviewer in *Journal of Social Sciences & Humanities*.
- 75) Dias, S. B. Ad hoc reviewer in *Journal of Uncertainty, Fuzziness and Knowledge-Based Systems*.
- 76) Dias, S. B. Ad hoc reviewer in *Learning: Research and Practice*.
- 77) Dias, S. B. Ad hoc reviewer in *Mathematics*.
- 78) Dias, S. B. Ad hoc reviewer in *Neurodegenerative Disease Management*.
- 79) Dias, S. B. Ad hoc reviewer in *Open Learning: the Journal of Open and Distance Learning*.
- 80) Dias, S. B. Ad hoc reviewer in *Open Research Europe*.
- 81) Dias, S. B. Ad hoc reviewer in *PLOS One*.
- 82) Dias, S. B. Ad hoc reviewer in *Progress in Artificial Intelligence*.
- 83) Dias, S. B. Ad hoc reviewer in *Research on Biomedical Engineering*.
- 84) Dias, S. B. Ad hoc reviewer in *Revista Electrónica de Investigación Educativa*.
- 85) Dias, S. B. Ad hoc reviewer in *Revista Portuguesa de Investigação Comportamental e Social*.
- 86) Dias, S. B. Ad hoc reviewer in *SAGE Open*.
- 87) Dias, S. B. Ad hoc reviewer in *Societies*.
- 88) Dias, S. B. Ad hoc reviewer in *Studies in Higher Education*.

- 89) Dias, S. B. Ad hoc reviewer in *Sustainability*.
- 90) Dias, S. B. Ad hoc reviewer in *Symmetry*.
- 91) Dias, S. B. Ad hoc reviewer in *System*.
- 92) Dias, S. B. Ad hoc reviewer in *The Internet and Higher Education*.
- 93) Dias, S. B. Ad hoc reviewer in *The Open Cybernetics and Systemics Journal*.
- 94) Dias, S. B. Ad hoc reviewer in *Universal Access in the Information Society*.
- 95) Espanha, M. Ad hoc reviewer in *BMC Musculoskeletal Disorders*.
- 96) Espanha, M. Ad hoc reviewer in *Health and Quality of Life Outcomes*.
- 97) João, F. Ad hoc reviewer in *Applied Sciences*.
- 98) João, F. Ad hoc reviewer in *BMC Musculoskeletal Disorders*.
- 99) João, F. Ad hoc reviewer in *Sensors*.
- 100) Marques, A. Ad hoc reviewer in *American Journal of Epidemiology*.
- 101) Marques, A. Ad hoc reviewer in *BMC Public Health*.
- 102) Marques, A. Ad hoc reviewer in *British Journal of Sports Medicine*.
- 103) Marques, A. Ad hoc reviewer in *Journal of Physical Activity and Health*.
- 104) Marques, A. Ad hoc reviewer in *Journal of Sport and Health Science*.
- 105) Marques, A. Ad hoc reviewer in *Lancet Global Health*.
- 106) Marques, A. Ad hoc reviewer in *Obesity Reviews*.
- 107) Marques, A. Ad hoc reviewer in *PLOS Mental Health*.
- 108) Mendonça, G. V. Ad hoc reviewer in *European Journal of Sport Science*.
- 109) Mendonça, G. V. Ad hoc reviewer in *International Journal of Sports Medicine*.
- 110) Mendonça, G. V. Ad hoc reviewer in *Sports Health*.
- 111) Oliveira, R. Ad hoc reviewer in *BMC Sports Science Medicine and Rehabilitation*.

- 112) Oliveira, R. Ad hoc reviewer in *European Journal of Sport Science*.
- 113) Pascoal, A. G. Ad hoc reviewer in *Journal Biomechanics*.
- 114) Pascoal, A. G. Ad hoc reviewer in *Medicine*.
- 115) Pascoal, A. G. Ad hoc reviewer in *PLOS One*.
- 116) Pascoal, A. G. Ad hoc reviewer in *Sensors*.
- 117) Pascoal, A. G. Ad hoc reviewer in *Shoulder & Elbow*.
- 118) Pascoal, A. G. Ad hoc reviewer in *Women Health Journal*.
- 119) Pedro, B. Ad hoc reviewer in *International Journal of Performance Analysis in Sport*.
- 120) Pedro, B. Ad hoc reviewer in *Sensors*.
- 121) Peralta, M. Ad hoc reviewer in *Clinical Nutrition*.
- 122) Peralta, M. Ad hoc reviewer in *Frontiers in Endocrinology*.
- 123) Peralta, M. Ad hoc reviewer in *International Journal of Behavioral Nutrition and Physical Activity*.
- 124) Peralta, M. Ad hoc reviewer in *Journal of Affective Disorders*.
- 125) Peralta, M. Ad hoc reviewer in *Journal of Psychiatric Research*.
- 126) Peralta, M. Ad hoc reviewer in *Journal of Science and Medicine in Sport*.
- 127) Peralta, M. Ad hoc reviewer in *Mental Health and Physical Activity*.
- 128) Peralta, M. Ad hoc reviewer in *Preventive Medicine*.
- 129) Peralta, M. Ad hoc reviewer in *Psychiatry Research*.
- 130) Peralta, M. Ad hoc reviewer in *Public Health*.
- 131) Peralta, M. Ad hoc reviewer in *Retos*.
- 132) Silva, A. M. Ad hoc reviewer in *Clinical Nutrition*.
- 133) Silva, A. M. Ad hoc reviewer in *European Journal of Clinical Nutrition*.

- 134) Volossovitch, A. Ad hoc reviewer in *International Journal of Performance Analysis in Sport*.
- 135) Volossovitch, A. Ad hoc reviewer in *International Journal of Sports Science & Coaching*.
- 136) Volossovitch, A. Ad hoc reviewer in *Journal of Sports Sciences*.
- 137) Yáziği, F. Ad hoc reviewer in *BMC Musculoskeletal Disorders*.

Editor of Scientific Journals

- 1) Araújo, D. *Frontiers in Psychology* [Associate Editor].
<https://www.frontiersin.org/journals/psychology#editorial-board>
- 2) Araújo, D. *Journal of Expertise* [Associate Editor].
<https://www.journalofexpertise.org>
- 3) Dias, S. B. *Expert System with Applications Journal* [Associate Editor].
<https://www.journals.elsevier.com/expert-systems-with-applications/editorial-board>
- 4) Dias, S. B. *Intelligent Systems with Applications Journal* [Associate Editor].
<https://www.journals.elsevier.com/intelligent-systems-with-applications/editorial-board>
- 5) Dias, S. B. *Frontiers in Nutrition* [Associate Editor].
<https://www.frontiersin.org/research-topics/56809/smart-devices-for-personalized-nutrition-and-healthier-lifestyle-behavior-change>
- 6) Magalhães, J. P. *Frontiers in Endocrinology* [Associate Editor].
<https://loop.frontiersin.org/people/405487/overview>
- 7) Veloso, A. P. *BMC Biomedical Engineering Senior Editorial* [Associate Editor].
<https://bmcbiomedeng.biomedcentral.com/about/editorial-board>
- 8) Veloso, A. P. *Croatian Sports Medicine Journal* [Associate Editor].
<https://hrcak.srce.hr/en/hsmv>

- 9) Vleck, V. *Journal of Sports Science and Medicine* [Editor of Triathlon Section].

<https://www.jssm.org/neweditorial.php>

Editorial Board Member of Scientific Journals

- 1) Araújo, D. *The Sport Psychologist* [Editorial Board].

https://journals.humankinetics.com/view/journals/tsp/tsp-overview.xml?tab_body=null-10774

- 2) Araújo, D. *Sports Medicine – Open* [Editorial Board]. <https://sportsmedicine-open.springeropen.com/about/editorial-board>

- 3) Araújo, D. *European Journal of Sport Science* [Editorial Board].

<https://www.tandfonline.com/action/journalInformation?show=editorialBoard&journalCode=tejs20>

- 4) Araújo, D. *Ecological Psychology* [Consulting Editor].

<https://www.tandfonline.com/action/journalInformation?show=editorialBoard&journalCode=heco20>

- 5) Araújo, D. *Sensors* [Section Board].

<https://www.mdpi.com/journal/sensors/sections/physicalsensors>

- 6) Carnide, F. *Portuguese Journal of Public Health* [Editorial Board].

<https://karger.com/pjp/pages/editorial-board>

- 7) João, F. *Frontiers in Sports and Active Living* [Review Editor for Biomechanics and Control of Human Movement Section].

<https://loop.frontiersin.org/people/1506794/editorial>

- 8) Marques, A. *International Journal of Environmental Research and Public Health* [Editorial Board]. <https://www.mdpi.com/journal/ijerph/editors?search=Adilson>

- 9) Marques, A. *BMC Public Health* [Editorial Board].

<https://bmcpublichealth.biomedcentral.com/about/editorial-board>

10) Marques, A. *PLOS Mental Health* [Editorial Board].

https://journals.plos.org/mentalhealth/static/editorial-board?ae_name=Adilson+Marques

11) Olliveira, R. *European Journal of Sport Science* [Editorial Board].

<https://onlinelibrary.wiley.com/page/journal/15367290/homepage/editorial-board>

12) Peralta, M. *Frontiers in Sport and Active Living* [Review Editor].

<https://loop.frontiersin.org/people/1142676/editorial>

13) Peralta, M. *Frontiers in Endocrinology* [Review Editor].

<https://loop.frontiersin.org/people/1142676/editorial>

14) Peralta, M. *American Journal of Health Behavior* [Review Editor].

<https://ajhb.org/journal-reviewers/review-board/>

15) Reis, J. F. *Frontiers in Physiology* [Review Editor].

<https://www.frontiersin.org/journals/physiology/editors>

16) Sardinha, L. B. *European Journal of Clinical Nutrition* [Editorial Board].

<https://www.nature.com/ejcn/editors/editorial-board>

17) Silva, A. M. *Frontiers in Physiology - Metabolic Physiology* [Review Editor].

<https://www.frontiersin.org/search/journal/physiology?query=analiza&tab=People&origin=https%3A%2F%2Fwww.frontiersin.org%2Fjournals%2Fphysiology%23editorial-board>

18) Baptista, F. *Frontiers Endocrinology* [Review Editor].

<https://loop.frontiersin.org/people/155633/overview>

19) Magalhães, J. P. *Frontiers in Exercise Physiology* [Review Editor].

<https://loop.frontiersin.org/people/405487/overview>

Editor of Scientific Journals' Special Issues

Web of Science Indexed

- 1) Baptista, F. (2024). Bone Health and Development in Children and Adolescents - Volume II [Guest Editor]. In *Frontiers Endocrinology - Bone Research*.
<https://www.frontiersin.org/research-topics/66950/bone-health-and-development-in-children-and-adolescents-volume-ii>
- 2) Dias, S. B. (2024). 11th International Conference on Software Development and Technologies for Enhancing Accessibility and Fighting Info-exclusion” (DSAI 2024) [Special Tracks Organization Chair]. <https://dsai.ws/2024/>
- 3) Dias, S. B. (2024). Advances on the Internet of Medical Things [Co-organized the Special Session]. <https://2024.ieee-melecon.org/special-sessions/>
- 4) João, F. (2024). Movement Biomechanics Applications of Wearable Inertial Sensors [Guest Editor]. In *Sensors*.
https://www.mdpi.com/journal/sensors/special_issues/SBA_WIS
- 5) Marques, A. (2024). Walking football: A strategy for promoting physical activity among older people [Guest Editor]. In *Sports*.
https://www.mdpi.com/journal/sports/special_issues/1753R1A82G
- 6) Marques, A. (2024). Association between health literacy and physical activity among older people [Guest Editor]. In *Healthcare*.
https://www.mdpi.com/journal/healthcare/special_issues/L74PZPKAPO
- 7) Marques, A. (2024). 24-hour movement behaviors and health-related quality of life in children [Guest Editor]. In *Sports*.
https://www.mdpi.com/journal/sports/special_issues/O8YM194ZIB
- 8) Marques, A. (2024). Promoting and monitoring physical fitness in all contexts [Guest Editor]. In *Sports*.
https://www.mdpi.com/journal/sports/special_issues/39E6MSP7VU

- 9) Martins, P. J. (2024). Physical Education, Health and Education Innovation - Volume II [Guest Editor]. In *Frontiers in Psychology - Sport Psychology*.
<https://www.frontiersin.org/research-topics/62087/physical-education-health-and-education-innovation-vol-ii>
- 10) Martins, P. J. (2024). Physical Education, Health and Education Innovation [Guest Editor]. In *Frontiers in Psychology - Movement Science*.
<https://www.frontiersin.org/research-topics/54795/physical-education-health-and-education-innovation/articles>
- 11) Peralta, M. (2024). Puberty: Neurologic and Physiologic Development - Volume II [Guest Editor]. In *Frontiers in Endocrinology*. <https://www.frontiersin.org/research-topics/59967/puberty-neurologic-and-physiologic-development---volume-ii>
- 12) Peralta, M. (2024). Promoting and Monitoring Physical Fitness in All Contexts [Guest Editor]. In *Sports*.
https://www.mdpi.com/journal/sports/special_issues/39E6MSP7VU
- 13) Santos, V. (2024). Physical Activity for Promoting Mental Health [Guest Editor]. In *HealthCare*.
- 14) Veloso, A. P. (2024). Biomechanics in Rehabilitation Engineering [Guest Editor]. In *Biology*. https://www.mdpi.com/journal/biology/special_issues/DID323MXH6
- 15) Veloso, A. P. (2024). Biomechanics in Rehabilitation Engineering [Guest Editor]. In *Applied Sciences*.
https://www.mdpi.com/journal/applsci/special_issues/1NAVVRV0889
- 16) Veloso, A. P. (2024). Movement Biomechanics Applications of Wearable Inertial Sensors [Guest Editor]. In *Sensors*.
https://www.mdpi.com/journal/sensors/special_issues/SBA_WIS#editors

- 17) Vleck, V. (2024). Maximizing Triathlon Health and Performance: the State of the Art [Guest Editor]. In *Sports*.

https://www.mdpi.com/journal/sports/special_issues/Maximising_Triathlon_Health

Not Web of Science Indexed

- 1) Yázigi, F (2024). Aquatic physical exercise and hydrogymnastics [Guest Editor]. In *Revista de Investigación en Actividades Acuáticas*.

<https://revistas.innovacionumh.es/index.php/investigacionactividadesacuatica/issue/view/140>

Funded R&D Projects

- 1) Project title: Dynamique de coordination d'équipe (DYNATEAM). Project type: R&D. Grant number: AAPG2023. Funding institution: Agence Nationale de la Recherche. Budget: 569.000€. Duration: 01/01/24 – 01/01/26. Proponent institution: University of Rouen Normandie. Principal investigator: Seifert, L.; Researcher: Araújo, D.
- 2) Project title: Improving Performance in football using virtual reality tools. Project type: R&D. Grant number: n/a. Funding institution: DAS - Apollo Virtual Reality. Budget: 12.000€. Duration: 01/09/24 – 03/01/26. Proponent institution: Faculdade de Motricidade Humana, Universidade de Lisboa. Principal investigator: Araújo, D.
- 3) Project title: Nonlinear teaching and coaching methodology applied to tennis. Project type: R&D. Grant number: n/a. Funding institution: International Tennis Federation. Budget: 4.869,15€. Duration: 18/09/23 - 02/01/26. Proponent institution: Faculdade de Motricidade Humana, Universidade de Lisboa. Principal investigator: Araújo, D.
- 4) Project title: Climate change and healthy AgeinG: co-creating E-learning for resilience and adaptation (chAnGE). Project type: Erasmus+. Grant number: ERASMUS-EDU-2022-PI-ALL-INNO. Funding institution: European Union.

Budget: 1.494.686€. Duration: 01/10/23 - 04/01/26. Proponent institution: University College Cork, National University of Ireland. Principal investigator: Timmons, S.; Researches: Assunção, A., Baptista, F., & Carnide, F. [Portuguese Coordinator]

- 5) Project title: Healthy Working environments for all Ages: An evidence-driven framework (Wage). Project type: Horizon Europe. Grant number: Horizon-HLTH-2023-ENVHLTH-02-2661161. Funding institution: European Union. Budget: 4.240.000€. Duration: 01/12/23 - 14/01/26. Proponent institution: SINTEF. Principal investigator: Gonzalez, V.; Researchers: Assunção, A., Carnide, F. [Portuguese Coordinator], Moniz-Pereira, V., & Veloso, A. P.
- 6) Project title: Psoriatic Arthritis Inflammation Explained through Multi-Source Data Analysis Guiding A Novel Personalised Digital Care Ecosystem (iPROLEPSIS). Project type: R&D. Grant number: 101095697. Funding institution: European Union. Budget: 6.999.625€. Duration: 01/01/23 - 06/01/26. Proponent institution: Aristotle University of Thessaloniki. Principal investigator: Hadjileontiadis, L.; Researchers: Dias, S. B., Carnide, F. & Baptista, F..
- 7) Project title: Improving Performance in football using virtual reality tools. Project type: R&D. Grant number: n/a. Funding institution: DAS - Apollo Virtual Reality. Budget: 12.000€. Duration: 01/09/24 - 08/01/26. Proponent institution: Faculdade de Motricidade Humana, Universidade de Lisboa. Principal investigator: Araújo, D.; Researcher: Brito, H.
- 8) Project title: Development of a simulation platform based in musculoskeletal models to predict recovery of gait following orthopedic interventions in cerebral palsy children (Biomov). Project type: R&D. Grant number: PTDC/EMD-EMD/5804/2020. Funding institution: Fundação para a Ciência e a Tecnologia. Budget: 243.421€. Duration: 15/03/21 - 09/01/26. Proponent institution: Faculdade de Motricidade

Humana, Universidade de Lisboa. Principal investigator: Veloso, A. P.; Researches: Cabral, S., João, F., & Moniz-Pereira, V.

- 9) Project title: Using markerless motion capture for a better screening of musculoskeletal injury risk in football players (ScreenTech). Project type: R&D. Grant number: EXPL/SAU-DES/1441/2021. Funding institution: Fundação para a Ciência e a Tecnologia. Budget: 49.693,75€. Duration: 17/01/22 - 10/01/26. Proponent institution: Faculdade de Motricidade Humana, Universidade de Lisboa. Principal investigator: Cabral, S.
- 10) Project title: Digital economic analysis tool for urban planning changes (HCG€ Value). Project type: R&D. Grant number: 123456. Funding institution: EIT Urban Mobility. Budget: 320.000€. Duration: 06/11/23 - 13/01/26. Proponent institution: BAX Company. Principal investigator: De La Haye, A.; Researcher: Carnide, F. [Portuguese Coordinator]
- 11) Project title: Entrepreneurial and innovation skills for developing the new value chains of mobility, health, and manufacturing (HEI4Future). Project type: R&D. Grant number: REF^a19669. Funding institution: EIT HEI INITIATIVE (CROSS KICs). Budget: 1.200€. Duration: 01/07/22 - 12/01/26. Proponent institution: University of Vigo. Principal investigator: del Campo, L.; Researcher: Carnide, F. [Portuguese Coordinator]
- 12) Project title: Psychosocial Health Prevention and Work Standards: Training for Osh Professionals and Executives (PSYHEALTH WORXS!). Project type: R&D. Grant number: BP2022-25 ref^a 220140. Funding institution: EIT Health. Budget: 814.341€. Duration: 01/07/22 - 15/01/26. Proponent institution: Universitätsklinikum Aachen. Principal investigator: Lang, J.; Researcher: Carnide, F. [Portuguese Coordinator]

- 13) Project title: Artificial intelligence-based Parkinson's disease risk assessment and prognosis (AI-PROGNOSIS). Project type: Horizon Europe. Grant number: 101080581. Funding institution: European Union. Budget: 5.488.625€. Duration: 01/07/23 - 16/01/26. Proponent institution: Aristotle University of Thessaloniki. Principal investigator: Chatzileontiadis, L.; Researcher: Dias, S. B., & Carnide, F.
- 14) Project title: Programa Livre de Educação e Exercício na Osteoartrose (PLE2N0). Project type: Community project. Grant number: n/a. Funding institution: Instituto Português do Desporto e da Juventude. Budget: 5.555€. Duration: 01/09/23 - 31/08/25. Proponent institution: Faculdade de Motricidade Humana, Universidade de Lisboa. Principal investigator: Espanha, M.; Researcher: Yázigi, F.
- 15) Project title: Programa Livre de Educação e Exercício na Osteoartrose (PLE2N0). Project type: Community project. Grant number: n/a. Funding institution: Município de Oeiras. Budget: 7.000€. Duration: 01/10/24 - 31/06/2025. Proponent institution: Faculdade de Motricidade Humana, Universidade de Lisboa. Principal investigator: Espanha, M.
- 16) Project title: Active pregnancy - promoting an active and healthy lifestyle during pregnancy. impact on maternal health and fitness (Active Pregnancy). Project type: R&D. Grant number: 2023.14896.PEX. Funding institution: Fundação para a Ciência e a Tecnologia. Budget: 50.000€. Duration: 16/07/05 - 18/07/05. Proponent institution: Escola Superior de Desporto de Rio Maior, Instituto Politécnico de Santarém. Principal investigator: Santos-Rocha, R.; Researcher: Fragoso, I.
- 17) Project title: Prediction of maturity age and status through bone age. The validity of automatic methods for estimating skeletal age in young athletes: a comparison of TW3 method with the BAUSport ultrasound system, BoneXpert, and Flores et al. (2023) equations. Project type: R&D. Grant number: n/a. Funding institution: Sport

Lisboa e Benfica. Budget: 3.000€. Proponent institution: Faculdade de Motricidade Humana, Universidade de Lisboa. Principal investigator: Fragoso, I.

18) Project title: Desporto Adaptado na Universidade - Frame Football (DAUniFF).

Project type: Community. Grant number: n/a. Funding institution: Universidade de Lisboa. Budget: 10.000€. Duration: 01/01/24 - 31/12/24. Proponent institution: Faculdade de Motricidade Humana, Universidade de Lisboa. Principal investigator: Pascoal, A. G.; Researcher: João, F.

19) Project title: Mais Saúde, Menos Diabetes – Programa educativo de prevenção da diabetes tipo 2 com exercício físico integrado: abordagem digital e presencial

(MSMD). Project type: R&D. Grant number: n/a. Funding institution: Portuguese General Health Directorate. Budget: 20.000€. Duration: 01/11/24 - 01/11/25.

Proponent institution: Faculdade de Motricidade Humana, Universidade de Lisboa. Principal investigator: Magalhães, J. P.

20) Project title: European Physical Activity Guidelines to Tackle Depressive Symptoms (EUPAG-DS). Project type: Erasmus+. Grant number: 101049714. Funding

institution: European Union. Budget: 400.000€. Duration: 01/05/22 - 30/04/25.

Proponent institution: Faculdade de Motricidade Humana, Universidade de Lisboa.

Principal investigator: Marques, A.; Researcher: Marques, A.

21) Project title: kidsTUMove goes Europe - cordially fit (KTM). Project type: Erasmus+.

Grant number: 101089905. Funding institution: European Commission. Budget:

400.000€. Duration: 01/01/23 - 31/12/25. Proponent institution: Technical University of Munich. Principal investigator: Sitzberger, C.; Researcher: Marques, A.

[Portuguese Coordinator]

22) Project title: Madeira a jogar futebol: Um programa de futebol para todos na Região

Autónoma da Madeira. Project type: R&D. Grant number: CP/0568/DDT/2023.

Funding institution: Instituto Português do Desporto e da Juventude. Budget: 12.192€.

Duration: 01/01/23 - 31/12/25. Proponent institution: University of Madeira. Principal investigator: Gouveia, É. R.; Researcher: Marques, A.

- 23) Project title: Walking football e envelhecimento saudável: Um olhar sobre a realidade portuguesa. Project type: R&D. Grant number: CP/0517/DDT/2023. Funding institution: Instituto Português do Desporto e da Juventude. Budget: 68.417€.
- Duration: 01/01/24 - 31/12/25. Proponent institution: University of Madeira. Principal investigator: Gouveia, É. R.; Researcher: Marques, A.

- 24) Project title: Desporto Adaptado na Universidade - Frame Football (DAUniFF).
- Project type: Community. Grant number: n/a. Funding institution: Universidade de Lisboa. Budget: 10.000€. Duration: 01/01/24 - 31/12/24. Proponent institution: Faculdade de Motricidade Humana, Universidade de Lisboa. Principal investigator: Pascoal, A. G.

- 25) Project title: European Physical Activity Guidelines to Tackle Depressive Symptoms (EUPAG-DS). Project type: Erasmus+. Grant number: 101049714. Funding institution: European Union. Budget: 400.000€. Duration: 01/05/22 - 30/04/25.
- Proponent institution: Faculdade de Motricidade Humana, Universidade de Lisboa.
- Principal investigator: Marques, A.; Researcher: Peralta, M.

- 26) Project title: kidsTUMove goes Europe - cordially fit (KTM). Project type: Erasmus+.
- Grant number: 101089905-KTM-ERASMUS-SPORT-2022-SCP. Funding institution: European Union. Budget: 400.000€. Duration: 01/01/23 - 30/06/25. Proponent institution: Faculdade de Motricidade Humana, Universidade de Lisboa. Principal investigator: Sitzberger, C.; Researcher: Peralta, M.

- 27) Project title: Randomised controlled trial and economic evaluation of a person-centred digital intervention to prevent diabetes in high-risk adults (VAPrevention). Project

type: R&D. Grant number: 2022.02969.PTDC. Funding institution: Fundação para a Ciência e a Tecnologia. Budget: 249.931,82€. Duration: 02/01/23 - 02/01/26.

Proponent institution: Egas Moniz - Cooperativa de Ensino Superior, CRL. Principal investigator: Guerreiro, M. P.; Researcher: Santa-Clara, H.

28) Project title: ACL-Prevent - Development of a European football knee injury awareness, prevention, and management model for youth (ACL-PREVENT). Project type: Erasmus+. Grant number: ERASMUS-SPORT-2024-SCP 101184378. Funding institution: European Union. Budget: 400.000€. Duration: 16/7/25 - 20/07/25. Proponent institution: Faculdade de Motricidade Humana, Universidade de Lisboa. Principal investigator: Veloso, A. P.

29) Project title: HEALTHY-AGE Envejecimiento activo, ejercicio y salud (HEALTHY-AGE). Project type: R&D. Grant number: n/a. Funding institution: Consejo Superior de Deportes del Ministerio de Cultura y Deporte del Gobierno de España. Budget: 10.000€. Duration: 01/01/24 - 31/12/24. Proponent institution: Universidad de Almería. Principal investigator: Pardo, P. J. M.; Researcher: Yázigi, F.

Scientific Consultancy

- 1) Araújo, D. Fundação para a Ciência e a Tecnologia [Research projects expert panel "Ciências da Saúde"]
- 2) Araújo, D. Comité Olímpico de Portugal [Consultant]
- 3) Dias, S. B. European Innovation Council [Evaluator for EU Horizon Europe calls]
- 4) Dias, S. B. European Research Council [Referee for ERC Consolidator calls]
- 5) João, F. Estudo da Fadiga nas operações aéreas da Força Aérea Portuguesa [Researcher]
- 6) Moreira, M. Federação de Ginástica de Portugal [Member of Scientific Commission]
- 7) Peralta, M. Latvian Council of Science [Expert rapporteur]

- 8) Veloso, A. P. The Research Foundation – Flandes (FWO) [Reviewer of Post-Doc Grants and Research Projects (International Experts Panel Member)]
- 9) Yázigi, F. Asociación Iberoamericana de Educación Acuática Especial e Hidroterapia [Consultant]
- 10) Yázigi, F. II Congresso Internacional de Atividades Aquáticas [Member of Scientific Commission]
- 11) Yázigi, F. Associação Portuguesa de Tecnicos de Nataçao (APTN) [Consultant]

Scientific Societies' Management

- 1) Dias, S. B. Technologies for People [Vice-President]
- 2) Moniz-Pereira, V. Sociedade Portuguesa de Biomecânica [Secretary].
<https://spbiomecanica.pt/inicio/direcao/>
- 3) Moreira, M. Surfing Medicine International [Sport Sciences Representative].
<https://www.surfingmed.com/>
- 4) Veloso, A. P. International Society of Biomechanics [Member; Board of Directors Member between 2011-2019]. <https://isbweb.org/>
- 5) Veloso, A. P. Sociedade Portuguesa de Biomecânica [Founder Member; President between 2005-2009]. <https://spbiomecanica.pt/>
- 6) Vieira, F. International Society for the Advancement of Kinanthropometry [Member of the Executive Board]. <https://www.isak.global/WhatIsIsak/Executive>

Scientific Societies' Affiliation

- 1) Araújo, D. Sociedade Portuguesa de Psicologia do Desporto [Honorary Member].
<https://www.sppd.com.pt>
- 2) Araújo, D. European College of Sport Sciences [Member]. <https://sport-science.org/>
- 3) Assunção, A. International Society of Biomechanics [Member].
<https://www.isbweb.org/>

- 4) Baptista, F. American Society for Bone and Mineral Research [Member].
<https://www.asbmr.org/Default.aspx>
- 5) Baptista, F. American College of Sports Medicine [Member].
<https://members.acsm.org/ACSM/Contacts/ContactLayouts/AccountPageCustom.aspx?ID=530691>
- 6) Brito, H. Sociedade Portuguesa de Psicologia do Desporto [Member]
- 7) Dias, S. B. IEEE [Member]. <https://www.ieee.org/>
- 8) Dias, S. B. Sociedade Portuguesa de Educação Física [Member]. <https://www.spef.pt/>
- 9) Diniz, A. Sociedade Portuguesa de Estatística [Member]. <http://www.spestatistica.pt>
- 10) Espanha, M. Associação Portuguesa para o Estudo da Dor [Member].
<https://www.aped-dor.org/>
- 11) Martins, P. J. Sociedade Portuguesa de Psicologia do Desporto [Member].
<https://www.sppd.com.pt/>
- 12) Moniz-Pereira, V. Sociedade Portuguesa de Biomecânica [Member].
<https://spbiomecanica.pt/>
- 13) Moniz-Pereira, V. International Society of Biomechanics [Member].
<https://isbweb.org/>
- 14) Moreira, M. Surfing Medicine International [Member]. <https://www.surfingmed.com/>
- 15) Pascoal, A. G. International Society of Biomechanics [Member]. <https://isbweb.org/>
- 16) Pedro, B. International Society of Biomechanics [Member]. www.isbweb.org
- 17) Pedro, B. International Society of Biomechanics on Sports [Member].
<https://isbs.org/my-profile>
- 18) Peralta, M. Association Internationale des Écoles Supérieures d'Éducation Physique [Member]. <https://aiesep.org/>
- 19) Santa-Clara, H. European Society of Cardiology [Member]

- 20) Santa-Clara, H. Sociedade Portuguesa de Cardiologia [Member]
- 21) Teles, J. Sociedade Portuguesa de Estatística [Member]. <https://www.spestatistica.pt/>
- 22) Veloso, A. P. International society of Biomechanics [Member]. <https://isbweb.org/>
- 23) Vieira, F. International Society for the Advancement of Kinanthropometry [Level 4 Anthropometrist]. <https://www.isak.global/WhatIsIsak/Executive>

Scientific Interest Groups' Member

- 1) Baptista, F. University of Lisbon Health Network - Oncology Clinical Branch Working Group [Member]. <https://www.ulisboa.pt/info/composicao-da-redesaude>
- 2) Baptista, F. Global Leadership Initiative Sarcopenia [Member]. <https://www.esceo.org/glis>
- 3) João, F. Space & Extreme Environment Research Center - UFCSPA [Member]. <https://spacecenterufcspa.org/>
- 4) Martins, P. J. Self-Regulation in Physical Activity, Nutrition and Obesity (PANO-SR) [Member]. <https://panosr.fmh.ulisboa.pt/people>

Participation in International and National Networks

- 1) Araújo, D. Fundação para a Ciência e a Tecnologia, Federação Portuguesa de Futebol [PhD supervisor of Sofia Ferreira]
- 2) Araújo, D. Universidade de Coimbra (CIBIT), Faculdade de Motricidade Humana, Federação Portuguesa de Futebol [PhD supervisor of Diana Oliveira]
- 3) Araújo, D. Fundação para a Ciência e a Tecnologia, Federação Portuguesa de Natação [PhD supervisor of Felipe Falcoski]
- 4) Araújo, D. Sport Lisboa e Benfica [PhD supervisor of Catarina Bajanca]
- 5) Carnide, F. redeSAÚDE - Universidade de lisboa [Coordinator]. <https://www.ulisboa.pt/info/redesaude>

- 6) Carnide, F. Grupo de Envelhecimento (redeSAÚDE - Universidade de Lisboa)
[Coordinator]. <https://www.ulisboa.pt/info/redesaude>
- 7) João, F. Centro de Estudos de Medicina Aeroespacial (CEMA) - Faculdade de Medicina da Universidade de Lisboa [External Colaborator]
- 8) Marques, A. Health Behaviour in School Aged Children (HBSC/OMS) [Researcher]
- 9) Marques, A. Red Internacional de Investigación en Desplazamiento Activo, Salud y Sostenibilidad (RIIDASS) [Researcher]
- 10) Marques, A. Global Burden of Disease (GBD) Collaborator Network [Researcher]
- 11) Peralta, M. Global Youth Fitness Forum [Member]. <https://www.fitbackeurope.eu/en-us/Stories/Article/ArticleID/500/International-Fitness-Meeting>
- 12) Peralta, M. Global Burden of Disease (GBD) Collaborator Network [Member].
<https://www.healthdata.org/research-analysis/gbd/collaborator-network>
- 13) Veloso, A. P. International Society of Biomechanics Technical Group in Motor Control [Member]. <http://www.mcg.isbweb.org/index.html>

Research Awards

- 1) Araújo, D. (2024). Lifetime Achievement Award in Movement & Skill Acquisition. Awarded by EMERGENCE.
- 2) Araújo, D. (2024). Former President and Honorary Member. Awarded by Sociedade Portuguesa de Psicologia do Desporto.
- 3) Araújo, D. (2024). Young Researcher Award - António Paula Brito, attributed to Henrique Lopes for the presentation "O papel da percepção-ação e das affordances para a tomada de decisão no judo", at the XXV Jornadas da Sociedade Portuguesa de Psicologia do Desporto. Awarded by Sociedade Portuguesa de Psicologia do Desporto.

- 4) Awad, A., Dias, S. B., Hadjileontiadou, S. J., & Hadjileontiadis, L. J. (2024). First Place Award for the manuscript "Knowledge-Based Graph Representation and Prediction of Learners' Interaction Quality with Learning Management Systems in Higher Education Institutions", at the TECH-EDU 2024 Conference. Awarded by Khalifa University.
- 5) Brito, H. (2024). 3 Minute Thesis Finalist. Awarded by Universidade de Lisboa.
- 6) Cordovil, R. (2024). Honorable Mention in History and Sociology of Sport at the COP-REPSOL Sports Science Awards 2023/2024, with the work "Learning to Cycle: A Cross-Cultural and Cross-Generational Comparison". Awarded by Comité Olímpico de Portugal.
- 7) Marques, A. (2024). Best oral communication at the International e-Conference "Enfermagem de Reabilitação: Redefinindo horizontes com vista à inovação". Awarded by Escola Superior de Enfermagem de Coimbra.
- 8) Moniz-Pereira, V. (2024). 3rd place in the poster prize awarded at the III Jornadas de Traumatologia Ortopédica - ULS São José e ULS Médio Tejo. Awarded by Centro de Responsabilidade Integrado de Traumatologia Ortopédica - ULS S. José.
- 9) Reis, J. F. (2024). Paralympic Sport Science and Innovation Award. Awarded by Comité Paralímpico de Portugal.
- 10) Sardinha, L. B. (2024). Researcher Award at the COP-REPSOL Sports Science Awards 2023/2024. Awarded by Comité Olímpico de Portugal.
- 11) Vleck, V. (2024). Shortlisted for Sports Paper off the Year 2023 - selection early 2025 for the work "Training and Life Stress in ITU World Olympic Distance Age-Group Championship Triathletes". Awarded by MDPI.