Publikationen

João P. Batista (Stand Januar 2024)

2024

Hommen, J.M.; **BATISTA, J.P.**; Bollheimer, L.C.; Hildebrand, F.; Siebers, H.L., Laurentius, T. **Movement patterns during gait initiation in older adults with various stages of frailty: a biomechanics analysis.** *European Review of Aging and Physical Activity*, 21:1, 2024.

2023

Faleiros, F., Corbo, L. N., **BATISTA, J.P.**, Lopes, F., Schoeller, S., Machado, W., Silva, J. C. e, Coura, A. S., Sousa, L., Henriques, S., Cassiano, C., & Albuquerque, G. **Spinal cord injury and COVID-19: Information, prevention and challenges.** *International Journal of Health Sciences*, *7*(S1), 501–515, 2023.

Dressel, K; Grimm, H.; Grimm, M.; Lauer, A,; Duchac, S.; **BATISTA, J.P.**; Taddey, T.; Ablinger, I. **Interprofessionelle Ausbildung in Therapieberufen. Eine Pilotstudie in der Demenzversorgung.** 51. Deutsche Bundesverband für Logopädie - Kongress, 2023 - Erlangen - Germany - **Poster Presentation**

Jungen, P; **BATISTA, JP**; Kirchner, M, Habel, U; Bollheimer, LC; Huppertz, C. **Variability and symmetry of gait kinematics under dual-task performance of older patients with depression.** Aging Clinical and Experimental Research. 35(2):238-291, 2023.

2022

Ablinger, I; Dressel, K; Rott, T; Lauer, A A: Tiemann, M; **BATISTA, J.**; Taddey, T; Grimm, H S; Grimm, M O W. **Interdisciplinary Approaches to Deal with Alzheimer's Disease—From Bench to Bedside: What Feasible Options Do Already Exist Today?** Biomedicines, 10, 2922, 2022.

Johannsen, L.; Friedgen E.; Stephan, D.N.; **BATISTA, J.**; Schulze, D.; Laurtentius, T.; Koch, I.; Bollheimer, L.C. Keeping in step with the young: **Chronometric and kinematic data show intact procedural locomotor sequence learning in older adults**. Plos One, 17 (5):e0266733, 2022.

2020

Silva, M.F.; Dias, J.M; Bela, L.F.D; Pelegrinelli, A.R.M.; Lima, T.B.; Carvalho, R.G.S.; Taglietti, M; **BATISTA JÚNIOR, J.P.**; Facci, L.M.; McVeigh, J.G. Cardoso, J.R. **A review on muscle activation behaviour during gait in shallow water and deep-water running and surface electromyography procedures.** Journal of Bodywork an Movement Therapies, v. 24, p. 1-20, 2020.

Lueken, M.; ten Kate, W.; Valenti, G.; **BATISTA, J.P.**; Bollheimer, C.; Leonhardt, S.; Ngo, C. **Estimation of Stride Time Variability in Unobtrusive Long-Term Monitoring Using Inertial Measurement Sensors**. IEEE Journal of Biomedical and Health Informatics, v. 24, p. 1879-1886, 2020.

2019 Pelegrinelli, A.R.M.; Bela, L.F.D; Silva; M.F.; Rodrigues, L.C.R.; **BATISTA JÚNIOR, J.P.**; Guenka, L.C.; Dias, J.M; Brown, L.E., Carregaro, R.L., Moura, F.A.; Cardoso, J.R. **Velocity-specific knee strength between professional and under-17 female volleyball player**. South African Journal of Physiotherapy, v. 75, p. 1-7, 2019.

Mundt, M.: **BATISTA, J.P**.; Markert, B.; Bollheimer, C.; Laurentius, T. **Walking with Rollator: a systematic review of gait parameters in older persons**. European Review of Aging and Physical Activity,16:15, 2019.

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BATISTA, J.P.; Mundt, M.; Laurentius, T.; Schmidt, L.; Markert, B; Bollheimer, C. **Lower body gait kinematics of geriatric inpatients rollator users: a Statistical Parameter Mapping Analysis**. (International Society of Biomechanics - 2019, Calgary, Canada) - **Oral Presentation**

Mundt, M.; Witter, T.; Koeppe, A.; **BATISTA, J.P.**; Laurentius, T.; Bollheimer, C.; Markert, B. **Prediction of the 3D ground reaction force during rollator supported and unsupported gait in old persons using artificial neural networks**. (International Society of Biomechanics - 2019, Calgary, Canada) - **Oral Presentation**

Hören, A.C.; Schmidt, L.; Laurentius, T.; Bollheimer, C.; **BATISTA, J.P. Evaluation der posturalen Kontrolle, Sturzangst und Mobilität bei Rollatornutzern**. (Deutsche Gesellschaft für Gerontologie und Geriatrie - 2019, Frankfurt, Germany) - **Poster Presentation**

BATISTA, J.P.; Schmidt, L.; Bollheimer, C.; Laurentius, T. **Spatiotemporal gait performance of older persons during rollator walking**. (European Geriatrie Medicine Society - 2019, Krakow, Poland) - **Poster Presentation**

2018 **BATISTA JÚNIOR, J.P.;** Facci, L.M.; Pelegrinelli, A.R.M., von Werder, S.C.F.A; Souza, D.C.; Taglietti, M.; Dias, J.M., Disselhorst-Klug; Cardoso, J.R. **Joint angle and movement velocity effects on muscle activity of elderly with knee osteoarthritis - Categorized and probabilistic analysis.** Journal of Electromyography and Kinesiology, v. 41, p.50-59, 2018.

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BATISTA, J.P.; Schmidt, L.; Laurentius, T.; Markert, B.; Bollheimer, C.; Mundt, M. **Biomechanical characteristics of Frail Geriatric Inpatient during chair-rising using four wheeled walker**. (European Geriatrie Medicine Society - 2018, Berlin, Germany) - **Poster Presentation**

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Penzlin, B.; Nienhaus, J.; **BATISTA, J.P.;** Bollheimer, C.; Leonhardt, S. **Determination of spatiotemporal gait parameters from different sensor configurations.** (Biomed. Eng.-Biomed. Tech, BMT / 2018, Aachen, Germany) - **Poster Presentation**

2016 Taglietti, M.; L. D. Bela; J. M. Dias; A. R. M. Pelegrinelli; J. F. Nogueira; **J. P. BATISTA JÚNIOR**; R. G. S. Carvalho; J. Mcveigh; L. M. Facci; F. A. Moura; J. R. Cardoso. **Postural sway, balance confidence and fear of falling in women with knee osteoarthritis in comparison to matched controls**. In PM&R The Journal of Injury, Function and Rehabilitation. v.9 (8), p.774-780, 2016.

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2015 Constantino, C. D. H.; **J. P. BATISTA JÚNIOR**; F. M. Glaner. **Low agreement between the fitnessgram criterion references for adolescents**. In Revista Paulista de Pediatria. v.33, p. 181-186, 2015.

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2014 Comel, J. C.; **BATISTA JÚNIOR, JP**; E. P. Chini; H. M. Pereira; R. L. Carregaro; J. R. Cardoso. Comparison of the electrical activity in upper trapezius and wrist extensor muscles during two typewriting conditions. In Physical Therapy in Movement. v.27, p.271-279, 2014.

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Pereira, L.M.; **BATISTA JÚNIOR, J.P.**; Bela, L. F. D.; Silva, M. F.; Nogueira, J. F.; Tuder, M. W. V.; Bierma-Zeinstra, S. M.; Verhagen, A. P.; Facci, L. M.; Cardoso, J. R. The Cost-Utility of Exercises in the Management of Osteoarthritis of the Knee and Hip: a Systematic Review. (Health Technology Assessment International-11th Annual Meeting - Washington DC, USA) - Poster presentation, 2014.

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