

Publikationen

João P. Batista (Stand November 2022)

- 2022** 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*. Online ahead of print., 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.; Laurantius, 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.
- Yu, X.; Cruz, S.; **BATISTA, J. P.**; Bollheimer, C.; Leonhardt, S.; Antink, C.H. **Using a Motion Capture System as Reference for Motion Tracking in Photoplethysmography Imaging.** 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC), Berlin, Germany, p.3915-3918, 2019.

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 Geriatric 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.

Pomprapa, A.; Menden, T.; Lüken, M; Ivanov, H. **BATISTA, J.P;** Bollheimer, C.; Leonhardt, S. **Surface electromyogram analysis of spontaneous breathing.** American Journal of Respiratory and Critical Care Medicine, 197:A5878, 2018.

BATISTA, J.P.; Schmidt, L.; Laurentius, T.; Markert, B.; Bollheimer, C. **Biomechanische Analyse des rollatorunterstützten Gehens bei geriatrischen Patienten.** (Deutsche Gesellschaft für Gerontologie und Geriatrie - 2018, Köln, Germany) - **Poster Presentation**

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 Geriatric Medicine Society - 2018, Berlin, Germany) - **Poster Presentation**

Schmidt, L.; Laurentius, T.; Bollheimer, C.; **BATISTA, J.P.** **Does the Fried phenotype of frailty reflect muscle strength of the lower extremities? Consequences for mobility rehabilitation and fall prevention.** (European Geriatric Medicine Society - 2018, Berlin, Germany) - **Poster Presentation**

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.

Barreto, M. S. T.; L. D. Bela; J. M. Dias; A. R. M. Pelegrinelli; R. R. Campos; R. G. S. Carvalho; M. Taglietti; **J. P. BATISTA JÚNIOR**; M. F. Silva; M. M. Olkoski; J. F. Nogueira; D. C. Souza; J. Mcveigh; F. A. Moura; L. M. Facci; J. R. Cardoso. **Reliability of ground reaction forces in the aquatic environment** In Journal of Electromyography and Kinesiology. v.30, p. 23-30, 2016.

BATISTA JÚNIOR, J. P.; A. R. M. Pelegrinelli; D. C. Souza; M. Taglietti; S. C. F. A. V. Werder; C. Disselhorst-Klug; L. M. Facci; J. R. Cardoso - **Concentric and eccentric muscle activation of patients with knee osteoarthritis during dynamic contractions - A categorized and probabilistic analysis.** (International Society of Electrophysiology and Kinesiology - XXI ISEK Congress - Chicago, USA) - **Poster presentation**, 2016.

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.

Mazuquin, B. F.; L. M. Pereira; J. M. Dias; **J. P. BATISTA JÚNIOR**; M. A. C. Silva; M. Finatti; L. Leme; R. L. Carregaro; F. A. Moura; J. R. Cardoso. Isokinetic evaluation of knee muscles in soccer players: discriminant analysis. In Brazilian Journal of Sport Medicine, v.21, p. 364-368, 2015.

BATISTA JÚNIOR, J. P.; R. R. Campos; M. S. T. Barreto; B. F. Mazuquin; J. F. Nogueira; J. M. Dias; R. G. S. Carvalho; M. Taglietti; F. A. Moura; L. M. Facci; J. R. Cardoso. Test-Retest Reliability of Postural Control Evaluated in the Aquatic Environment using a Force Platform. (International Society of Biomechanics - XXV ISB Congress - Glasgow, Scotland) - Oral presentation.

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.

Mazuquin, B. F.; **BATISTA JÚNIOR JP**; L. M. Pereira; J. M. Dias; M. F. Silva; R. L. Carregaro; P. R. G. Lucareli; F. A. Moura; J. R. Cardoso. Kinematic gait analysis using inertial sensors with subjects after stroke in two different arteries. In Journal of Physical Therapy Science. , v.26, p.1307-1311, 2014.

BATISTA JÚNIOR, J.P; Silva MF, Dias JM, Pereira LM, Carvalho RGS, Richards J, Cardoso JR. Decomposition of electromyography signals of the paraspinal muscles in healthy subjects. (International Society of Electrophysiology and Kinesiology - XX ISEK Congress - Rome, Italy) - Poster presentation, 2014.

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.

2013 **BATISTA JÚNIOR, J. P.**; A. R. M. Pelegrinelli; C. T. Silva; B. F. Mazuquin; L. M. Pereira; R. G. S. Carvalho; F. A. Moura; J. R. Cardoso. Kinematic and spatial-temporal analysis of gait of pregnant women in the 3rd. gestation and puerperium using inertial sensors: Case series report. (XX Brazilian Congress of Physical Therapy - Fortaleza, Brazil) - Oral presentation, 2013.

BATISTA JÚNIOR, J. P.; M. A. C. Silva; M. F. Silva; L. M. Pereira; B. F. Mazuquin; F. A. Moura; J. R. Cardoso. Isokinetics testing of the knee in two soccer categories: discriminant analysis and torque-angle-velocity relationships. (International Society of Biomechanics - XXIV ISB Congress - Natal, Brazil) - Oral presentation, 2013.

2012 **BATISTA JÚNIOR, J. P.**; B. F. Mazuquin; K. Obara; L. M. Pereira; M. Costa; R. L. Carregaro; P. R. G. Lucareli; E. L. Lavado; J. R. Cardoso. Applicability of using inertial sensors during gait analysis for hemiplegia patients: case series. (European Society for Movement Analysis in Adults and Childrens - ESMAC - Stockholm, Sweden) - Poster presentation, 2012.