

Res. Asst. Begüm YALÇIN

Personal Information

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Research Areas

Motion Analysis, Clinical Robots, Rehabilitation

Academic Titles / Tasks

Research Assistant, Acibadem Mehmet Ali Aydinlar University, Faculty Of Engineering and Natural Sciences, Medical Engineering, 2018 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **The influence of biofeedback on physiological and kinematic variables of treadmill running**
Bayram H., Yalçın B.
International Journal of Performance Analysis in Sport, vol.21, no.1, pp.156-169, 2021 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Real-Time Balance Feedback Mechanism For Orthopedic and Neuromuscular Diseases Rehabilitation Practices**
Argunşah Bayram H., Yalçın B.
Acibadem Sağlık Bilimleri Dergisi, vol.11, no.3, pp.412-417, 2020 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of Glenohumeral Internal Rotation Deficit Tendency of Adolescent Female Volleyball Players with Inertial Measurement Unit Based Motion Capture System during Passive and Dynamic Movements**
Yalçın B., Argunşah H.
Neuroscience 2021, Washington, United States Of America, 8 - 11 November 2021, pp.1
- II. **Changes in postural control and kinematic variables in response to ankle joint taping in professional basketball players**
Yalçın B., Argunşah H.
Neuroscience 2021, Washington, United States Of America, 8 - 11 November 2021, pp.1
- III. **Real Time Balance Feedback Mechanism During Orthopedic and Neuromuscular Disease Rehabilitation**
Yalçın B., Argunşah Bayram H.
Society for Neuroscience 2018, California, United States Of America, 3 - 07 November 2018, pp.1

IV. Investigation of Biological Feedback Influence on Posture and Knee Biomechanics During Running

Yalcin B., Bayram H. A. , Bayram M. S. B. , Isik A.

21st National Biomedical Engineering Meeting (BIYOMUT), İstanbul, Turkey, 24 November - 26 December 2017

Supported Projects

Argunsah H., Yalçın B., Project Supported by Higher Education Institutions, 20 yaş altı basketbol oyuncularında ayak bileğinin teyp bandaj ile yargılanmasının postüral kontrol ve yaralanma önleme üzerindeki etkilerinin giyilebilir hareket analizi sistemi ile incelenmesi , 2021 - 2021

Yalçın B., Argunşah Bayram H., Project Supported by Higher Education Institutions, Kablosuz Haberleşme Yöntemi Kullanarak Düşmeyi Algılayan ve İlgili Birimlere Uyarı Veren Giyilebilir Cihaz, 2018 - 2019

Citations

Total Citations (WOS):1

h-index (WOS):1

Scholarships

Ph.D. Dissertation Research Grant, Fulbright Program, 2022 - 2023