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Education

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Fizyoterapi Ve Rehabilitasyon A.B.D., Turkey 2009 - 2015

Postgraduate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Fizyoterapi Ve Rehabilitasyon A.B.D., Turkey 2007 - 2009

Undergraduate, Hacettepe University, Sağlık Bilimleri Fakültesi, Fizyoterapi Ve Rehabilitasyon Bölümü, Turkey 2001 - 2005

Academic Positions

Associate Professor, Ankara Yıldırım Beyazıt University, Sağlık Bilimleri Fakültesi, Fizyoterapi Ve Rehabilitasyon, 2025 - Present

Associate Professor, Kirikkale University, 2023 - 2025

Assistant Professor, Kirikkale University, 2016 - 2023

Research Assistant, Kirikkale University, Sağlık Bilimleri Fakültesi, Fizyoterapi ve Rehabilitasyon , 2012 - 2016

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Reliability and Validity of the Turkish Version of the Tinetti Falls Efficacy Scale in Older Adults and Comparison with Other Fall Scales**
Durmuş M. S., Sertel M., Aydoğan Arslan S.
Topics in Geriatric Rehabilitation, vol.41, no.1, pp.14-23, 2025 (SSCI)
- II. **The Dubousset Functional Test: a reliable and valid test in early stage Parkinson's disease patients**
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- III. **Investigation of the validity and reliability of the 3-meter backward walk test in high functional level adults with lower limb amputation**
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- IV. **Investigation of the reliability and validity of the Turkish version of the Sitting Balance Scale in individuals with stroke**
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- V. **Validity and reliability of the Turkish version of the Ottawa Sitting Scale in patients with acute stroke**
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- VII. Reliability and validity of the Turkish version of Function in Sitting Test (FIST-T) in stroke**
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- VIII. Effects of Inspiratory Muscle Training on Respiratory Muscle Strength, Trunk Control, Balance and Functional Capacity in Stroke Patients: A single-blinded randomized controlled study**
Aydoğan Arslan S., Uğurlu K., Sakizli Erdal E., Keskin E. D., Demirgürç A.
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- X. Reliability and Validity of Turkish Version of The Brief-BESTest in Stroke Patients**
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- XI. The reliability and validity of the Turkish version of Brunel Balance Assessment (BBA-T)**
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- XII. The effect of aerobic exercise training on postmenopausal patients with knee osteoarthritis**
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- XIII. Evaluation of the functional capacity, respiratory functions and musculoskeletal systems of the children with chest pain for non-cardiac reasons**
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- I. Investigation of respiratory muscle strength, exercise capacity and sleep quality level in post-COVID-19 Individuals: case-control study**
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- II. Assessment of pain, scapulothoracic muscle strength, endurance and scapular dyskinesis in individuals with and without nonspecific chronic neck pain: A cross-sectional study**
KARAAĞAÇ A., AYDOĞAN ARSLAN S., KESKİN E. D.
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- III. A Comparison of the Muscle Activation, Proprioception and Anthropometric Characteristics of the Dominant and Non-dominant Wrists**
SERTEL M., YILDIRIM ŞAHAN T., BEZGİN S., ORAL M. A., ABİT KOCAMAN A., AYDOĞAN ARSLAN S., DEMİRCİ C., OKTAŞ B.
JOURNAL OF BASIC AND CLINICAL HEALTH SCIENCES, vol.6, no.1, pp.25-32, 2022 (Peer-Reviewed Journal)
- IV. Comparison of Psychometric Properties of the Postural Assessment Scale for Stroke Patients with Berg Balance Scale and Brunel Balance Assessment for Chronic Stroke**
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- V. Examination of the Scales and Tests Evaluating the Risk of Falling in Stroke Patients**
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- VI. **Clinical effectiveness of rigid or kinesio taping and manual therapy on pain and function in patients with shoulder impingement syndrome**
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- VII. **The Relationship Between Fear of Movement, Balance and Fear of Falling in Stroke Patients with Shoulder Pain**
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- VIII. **Investigation of the validity and reliability of the Turkish version of the Dual Task questionnaire in older individuals**
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- IX. **Omuz Ağrılı Bireylerde Skapular Diskinez, Kavrama Kuvveti, Servikal Bölge Hareketliliği ve Temporomandibular Eklem Bozukluğu Arasındaki İlişkinin İncelenmesi**
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- XI. **The Cutoff Value of the Calf-Raise Senior Test for Older Faller**
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- XIV. **Examination of the Relationship Between Exercise Barriers and Physical Activity, Sleep, and Fatigue in Older Individuals**
SERTEL M., ABİT KOCAMAN A., BEZGİN S., YILDIRIM ŞAHAN T., AYDOĞAN ARSLAN S., DEMİRCİ C., ORAL M. A., ÖNAL B., UĞURLU K., VERGİLİ Ö.
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- XV. **The effect of short-term neuromuscular electrical stimulation on pain, physical performance, kinesiophobia, and quality of life in patients with knee osteoarthritis**
AYDOĞAN ARSLAN S., DEMİRGÜC A., ABİT KOCAMAN A., KESKİN E. D.
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- XVI. **The relationship between balance, trunk muscularendurance, and functional level in individuals with chronic low back pain**
BEZGİN S., AYDOĞAN ARSLAN S., SERTEL M., VERGİLİ Ö., ABİT KOCAMAN A., ORAL M. A., YILDIRIM ŞAHAN T., DEMİRCİ C., UĞURLU K., ÖNAL B., et al.
Annals of Medical Research, vol.27, no.2, pp.582-587, 2020 (Peer-Reviewed Journal)
- XVII. **Specification of nutritional and physical activity habits of university students Üniversite öğrencilerinin beslenme ve fiziksel aktivite alışkanlıklarının belirlenmesi**
Arslan S., Daşkapan A., Çakır B.
TAF Preventive Medicine Bulletin, vol.15, no.3, pp.171-180, 2016 (Scopus)

Books

- I. **HAYVANLARDA YAŞLILIK SORUNLARI**
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in: Hayvanlarda Fizyoterapi ve Rehabilitasyon A'dan Z'ye Güncel terapötik yaklaşımlar , TARSUSLU TÜLAY, Editor, NOBEL, Ankara, pp.533-567, 2024
- II. **Mental Hastalıklarda Fizyoterapi Odaklı Değerlendirme**
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- III. **Pediatrik Rehabilitasyonda Kuvvetlendirme Eğitimi ve Eğlenceli aktiviteler**
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- IV. **Balance and Gait Training**
AYDOĞAN ARSLAN S., YILDIRIM ŞAHAN T., BEZGİN S.
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- V. **Neural System and Its Adaptation to Exercise.**
DEMİRCİ C., AYDOĞAN ARSLAN S.
in: Functional Exercise Anatomy and Physiology for Physiotherapists, Utlu, Kaya Defne, Editor, Springer International Publishing, Cham, pp.391-406, 2023
- VI. **Biyomekani ve Kinezyoloji**
YILDIRIM ŞAHAN T., AYDOĞAN ARSLAN S.
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- VII. **İnmede Aerobik Egzersiz**
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AYDOĞAN ARSLAN S., YILDIRIM ŞAHAN T., ABİT KOCAMAN A., SERTEL M.
in: Pulmoner Rehabilitasyon, HARUTOĞLU HÜLYA, Editor, Hipokrat Yayınevi, Ankara, pp.373-386, 2019
- IX. **Yaşlanma ve Mobilite**
BİLGİN S., YILDIZ Ş., AYDOĞAN ARSLAN S., YAPALI G., BÜYÜKTURAN B.
in: Motor Kontrol - Araştırmaların Klinik Uygulamaya Aktarılması, Güçlü Gündüz Arzu, Bilgin Sevil, Öksüz Çiğdem, Ertekin Özge, İyigün Gözde, Editor, Hipokrat Yayınevi, Ankara, pp.360-376, 2018

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