

## Prof. ARZU GÜÇLÜ GÜNDÜZ



### Personal Information

Office Phone: [+90 312 022 6292](tel:+903120226292)

Email: [arzugucu@gazi.edu.tr](mailto:arzugucu@gazi.edu.tr)

Web: <https://avesis.gazi.edu.tr/arzugucu>

### International Researcher IDs

ORCID: 0000-0001-8464-1929

Publons / Web Of Science ResearcherID: A-1209-2018

Yoksis Researcher ID: 113656



### Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Fizik Tedavi Ve Rehabilitasyon (Dr), Turkey 1999 - 2006

Postgraduate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Fizik Tedavi Ve Rehabilitasyon (YI) (Tezli), Turkey 1996 - 1999

Undergraduate, Hacettepe University, Fizik Tedavi Ve Rehabilitasyon Yüksekokulu, Fizik Tedavi Ve Rehabilitasyon Pr., Turkey 1991 - 1995

### Biography

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### Dissertations

Doctorate, Comparison of balance scales in Parkinson's disease, Hacettepe University, Sağlık Bilimleri Enstitüsü, Fizyoterapi Ve Rehabilitasyon A.B.D., 2006

Postgraduate, Effects of "off" and "on" states on physical and motor performance in Parkinson's Disease, Hacettepe University, Sağlık Bilimleri Enstitüsü, Fizyoterapi Ve Rehabilitasyon A.B.D., 1999

### Research Areas

Physical therapy and rehabilitation

### Academic Titles / Tasks

Professor, Gazi University, Sağlık Bilimleri Fakültesi, Fizyoterapi ve Rehabilitasyon, 2020 - Continues

Associate Professor, Gazi University, Sağlık Bilimleri Fakültesi, Fizyoterapi Ve Rehabilitasyon, 2014 - 2020

Assistant Professor, Gazi University, Sağlık Bilimleri Fakültesi, Fizyoterapi Ve Rehabilitasyon, 2009 - 2020

Research Assistant, Hacettepe University, Sağlık Bilimleri Fakültesi, Fizik Tedavi Ve Rehabilitasyon Bölümü, 1995 - 2009

## Advising Theses

- Güçlü Gündüz A., Effect Of Aerobic Training Combined With Task-Oriented Training On Neurotrophic Factors, Proinflammatory Cytokines, And Clinical Motor Symptoms In Patients With Parkinson'S Disease , Doctorate, F.SÖKE(Student), 2020
- Güçlü Gündüz A., Investigation Of The Effects Of Pilates Training In Parkinson Patients, Postgraduate, D.ÇAĞLAR(Student), 2020
- Güçlü Gündüz A., THE EFFECTS OF PILATES DURING PREGNANCY, Doctorate, H.İBRAHİM(Student), 2019
- GÜÇLÜ GÜNDÜZ A., Investigation Of The Relationship Between Fatigue And Physical Activity Level In Patient With Multiple Sclerosis, Postgraduate, K.ÇEKİM(Student), 2018
- GÜÇLÜ GÜNDÜZ A., Multipl sklerozlu hastalarda yorgunluk ve fiziksel aktivite düzeyi arasındaki ilişkinin incelenmesi, Postgraduate, K.ÇEKİM(Student), 2018
- GÜÇLÜ GÜNDÜZ A., The Sensitivity And Specificity Of The Balance Evaluation Systems Test (Bestest) To Determine The Risk Of Fall In Stroke Patients, Postgraduate, İ.EZGİ(Student), 2017
- GÜÇLÜ GÜNDÜZ A., İnmeli hastalarda denge değerlendirme sistemler testi'nin düşme riskini belirlemedeki duyarlılığı ve özgüllüğü, Postgraduate, İ.EZGİ(Student), 2017
- GÜÇLÜ GÜNDÜZ A., Effect of combined aerobic and pilates training on biochemical factors, physical performance, fatigue and quality of life in patients with multiple sclerosis, Doctorate, Ç.ÖZKUL(Student), 2017
- GÜÇLÜ GÜNDÜZ A., Investigation of the effects of early neurodevelopmental bobath approach results in stroke patients, Doctorate, G.YAZICI(Student), 2017
- GÜÇLÜ GÜNDÜZ A., The Investigation Of Effects Of Vertigo, Dizziness And Imbalance On Physical Activity Level, Activities Of Daily Living And Quality Of Life In Patient With Peripheral Vestibular Hypofunction, Postgraduate, Y.AYDIN(Student), 2016
- GÜÇLÜ GÜNDÜZ A., Servikal disk hernili hastalarda servikal stabilizasyon eğitimi ve "core" stabilizasyon eğitiminin etkilerinin incelenmesi, Doctorate, B.BÜYÜKTURAN(Student), 2016
- GÜÇLÜ GÜNDÜZ A., Periferel vestibüler hipofonksiyonlu hastalarda vertigo, 'dizziness' ve denge bozukluğunun fiziksel aktive düzeyi, günlük yaşam aktiviteleri ve yaşam kalitesi üzerine etkilerinin incelenmesi, Postgraduate, Y.AYDIN(Student), 2016
- GÜÇLÜ GÜNDÜZ A., The Investigation Of Relationship Between Core Stability And Trunk Position Sense With Balance In Patients With Multiple Sclerosis, Doctorate, T.ÖZKAN(Student), 2016
- GÜÇLÜ GÜNDÜZ A., The Investigation Of The Effects Of Cervical Stabilization Training And Core Stabilization Training In Patients With Cervical Disc Herniation, Doctorate, B.Büyüküran(Student), 2016
- GÜÇLÜ GÜNDÜZ A., Multipl skleroz'lu hastalarda denge ile "core" stabilite ve gövde pozisyon duyusu arasındaki ilişkinin incelenmesi, Postgraduate, T.ÖZKAN(Student), 2016
- GÜÇLÜ GÜNDÜZ A., Multipl skleroz'lu hastalarda mat pilates ve aletli pilates eğitiminin denge, kuvvet, mobilite, yorgunluk ve yaşam kalitesi üzerine etkilerinin karşılaştırılması, Postgraduate, H.İBRAHİM(Student), 2015
- GÜÇLÜ GÜNDÜZ A., Comparison Of The Effect Of Mat Pilates And Instrumental Pilates On Balance, Strength, Mobility, Fatigue And Quality Of Life In Patients With Multiple Sclerosis, Postgraduate, H.İbrahim(Student), 2015
- GÜÇLÜ GÜNDÜZ A., The effects of kinesiotaping technique on balance applied on the foot and ankle in patients with stroke, Postgraduate, G.YAZICI(Student), 2013
- GÜÇLÜ GÜNDÜZ A., Comparison of the effects of core stabilization trainings performed on land and in water in lumbar disc herniation patients, Postgraduate, D.BAYRAKTAR(Student), 2013

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Reliability and validity of the L test in people with multiple sclerosis**  
ELDEMİR K., ELDEMİR S., ÖZKUL Ç., İRKEÇ C., GÜÇLÜ GÜNDÜZ A.  
PHYSIOTHERAPY, vol.126, 2025 (SCI-Expanded)
- II. **Relationship between lower extremity isometric muscle strength and standing balance in patients with multiple sclerosis**

ÇITAKER S., GÜÇLÜ GÜNDÜZ A., YAZICI G., Bayraktar D., NAZLIEL B., Irkeç C.  
NEUROREHABILITATION, vol.33, no.2, pp.293-298, 2013 (SCI-Expanded)

## Articles Published in Other Journals

### I. Do The Core Stability and Position Sense of Trunk Affect Balance in Patients with Multiple Sclerosis?

ÖZKAN T., GÜÇLÜ GÜNDÜZ A., Soke F., ÖZKUL Ç., APAYDIN Y., ELDEMİR K., Irkeç C.

CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.13, no.3, pp.577-583, 2023 (ESCI)

## Supported Projects

GÜÇLÜ GÜNDÜZ A., YAZICI G., Project Supported by Other Official Institutions, BİLGİSAYARLI DİNAMİK OTURMA DENGE EĞİTİM SİSTEMİ (SİTTİNG BALANCE SYSTEM- SBS) GELİŞTİRİLMESİ, 2018 - 2019

Armutlu K., Güçlü Gündüz A., Korkmaz N. Ç., Boşnak M., Aksu Yıldırım S., Karabudak R., Project Supported by Higher Education Institutions, Myasteni Gravisli Hastalarda Fizyoterapinin Etkileri, 2001 - 2005

## Metrics

Publication: 117

Citation (WoS): 542

Citation (Scopus): 843

H-Index (WoS): 14

H-Index (Scopus): 16

## Non Academic Experience

Gazi Üniversitesi, Sağlık Bilimleri Fakültesi, Fizyoterapi ve Rehabilitasyon Bölümü

Hacettepe Üniversitesi, Sağlık Bilimleri Fakültesi, Fizyoterapi ve Rehabilitasyon Bölümü