

## Asst. Prof. GAMZE YALÇINKAYA ÇOLAK

### Personal Information

**Email:** gamze.yalcinkaya@bozok.edu.tr

**Web:** <https://avesis.bozok.edu.tr/1275>

### International Researcher IDs

ORCID: 0000-0003-2527-8191

Yoksis Researcher ID: 247940

### Education Information

Doctorate, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, Fizik Tedavi Ve Rehabilitasyon (Dr), Turkey 2017 - 2022

Postgraduate, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, Fizik Tedavi Ve Rehabilitasyon (YI) (Tezli), Turkey 2016 - 2017

Undergraduate, Hacettepe University, Sağlık Bilimleri Fakültesi, Fizyoterapi Ve Rehabilitasyon Bölümü, Turkey 2011 - 2015

### Dissertations

Doctorate, Kronik boyun ağrılı hastalarda inspiratuar kas eğitiminin postür ve ağrı üzerine etkisi: Randomize kontrollü çalışma, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, 2022

Postgraduate, Hastaya özgü fonksiyonel skala'xxnın (the patient-specific functional scale) Türkçe'xxye uyarlanması, boyun ağrılı hastalarda geçerlilik ve güvenilirliği, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, Fizik Tedavi Ve Rehabilitasyon (YI) (Tezli), 2017

### Academic Titles / Tasks

Research Assistant, Dokuz Eylul University, Fizik Tedavi Ve Rehabilitasyon Yüksekokulu, Fizik Tedavi Ve Rehabilitasyon Bölümü, 2016 - Continues

Research Assistant, Yozgat Bozok University, Sağlık Bilimleri Fakültesi, Fizyoterapi Ve Rehabilitasyon Bölümü, 2016 - Continues

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

- I. **Assessment of diaphragmatic function by ultrasonography in patients with systemic sclerosis and its relation to clinical parameters: A case-control study**  
Yakut H., Yalcinkaya G., ÖZYÜREK S., ÖZALEVLİ S., SALIK ŞENGÜL Y., BİRLİK A. M.  
Wiener Klinische Wochenschrift, vol.135, no.19-20, pp.528-537, 2023 (SCI-Expanded)
- II. **Can olfactory training change the psychosocial aspects of chronic pain?**  
Yalcinkaya G., SALIK ŞENGÜL Y.  
Explore, vol.19, no.4, pp.561-564, 2023 (SCI-Expanded)
- III. **Are Static Foot Posture Measures Related to Static and Dynamic Plantar Pressure Parameters?**  
Kirmizi M., SALIK ŞENGÜL Y., Yalcinkaya G., Angin S.  
Journal of the American Podiatric Medical Association, vol.112, no.6, 2022 (SCI-Expanded)

- IV. **Comparison of ultrasonographic characteristics of deep abdominal muscles in women with and without chronic neck pain: a case-control study.**  
Yalcinkaya G., Ozyurek S., Kalemci O., Salik Sengul Y.  
Journal of musculoskeletal & neuronal interactions, vol.22, no.1, pp.52-61, 2022 (SCI-Expanded)
- V. **Validity and reliability of a smartphone goniometer application for measuring hip range of motions**  
Sarac D. C., Yalcinkaya G., ÜNVER B.  
Work, vol.71, no.1, pp.275-280, 2022 (SSCI)
- VI. **Investigation of balance performance under different sensory and dual-task conditions in patients with chronic neck pain**  
Kirmizi M., Yalcinkaya G., SALIK ŞENGÜL Y., KALEMCI O., Angin S.  
Musculoskeletal Science and Practice, vol.56, 2021 (SCI-Expanded)
- VII. **The effects of the addition of motor imagery to home exercises on pain, disability and psychosocial parameters in patients undergoing lumbar spinal surgery: A randomized controlled trial**  
SALIK ŞENGÜL Y., Kaya N., Yalcinkaya G., Kirmizi M., KALEMCI O.  
Explore, vol.17, no.4, pp.334-339, 2021 (SCI-Expanded)
- VIII. **Is the pain pressure threshold linked to the transversus abdominis in women with chronic neck pain?: a preliminary report.**  
Yalcinkaya G., Sengul Y. S., Ozyurek S., Kirmizi M., Kalemci O.  
Somatosensory & motor research, vol.38, no.2, pp.133-139, 2021 (SCI-Expanded)
- IX. **Gender differences in health anxiety and musculoskeletal symptoms during the COVID-19 pandemic**  
Kirmizi M., Yalcinkaya G., SALIK ŞENGÜL Y.  
Journal of Back and Musculoskeletal Rehabilitation, vol.34, no.2, pp.161-167, 2021 (SCI-Expanded)
- X. **Cross-cultural adaptation, reliability and validity of the Turkish version of patient-specific functional scale in patients with chronic neck pain**  
Yalçinkaya G., KARA B., Arda M. N.  
Turkish Journal of Medical Sciences, vol.50, no.4, pp.824-831, 2020 (SCI-Expanded)
- XI. **The effect of calling duration on cervical joint repositioning error angle and discomfort in university students**  
Yalcinkaya G., SALIK ŞENGÜL Y., Buker N.  
Work, vol.65, no.3, pp.473-482, 2020 (SSCI)

## Articles Published in Other Journals

- I. **Physical activity and health anxiety in people with and without spinal pain during the COVID-19 lockdown: A comparison study COVID-19 kapanması sırasında omurga ağrısı olan ve olmayan kişilerde fiziksel aktivite ve sağlık kaygısı: Bir karşılaştırma çalışması**  
Yalçinkaya G., Kirmizi M., SALIK ŞENGÜL Y.  
Agri, vol.34, no.2, pp.84-90, 2022 (ESCI)
- II. **Validation of the Rapid Assessment of Physical Activity Questionnaire in Older Patients with Chronic Obstructive Pulmonary Disease**  
Aktan R., Özalevli S., Yalçinkaya G., Özgen Alpaydın A., Sevinç C.  
JOURNAL OF BASIC AND CLINICAL HEALTH SCIENCES, vol.5, no.3, pp.100-106, 2021 (ESCI)
- III. **Effect of pulmonary rehabilitation on adult cystic fibrosis patient: a case report**  
YALÇINKAYA G., ÖZGEN ALPAYDIN A., ÖZALEVLİ S.  
Journal of Exercise Therapy and Rehabilitation, vol.3, no.6, pp.220-225, 2019 (Peer-Reviewed Journal)
- IV. **Romatoloji araştırmaları arasındaki fizyoterapi çalışmalarının oranı 2011 2015 yılları analizi**  
YALÇINKAYA G., SARAÇ C. D., ÜNVER KOÇAK F., ÜNVER B.  
Turkish Journal of Physiotherapy and Rehabilitation, vol.27, no.6, pp.1-42, 2016 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Association of trunk muscle endurance with disability and standing balance in women with chronic non-specific neck pain**  
Kırmızı M., Çolak G., Salık Şengül Y., Kalemci O.  
European Society for Movement Analysis in Adults and Children (ESMAC) 2023, Athens, Greece, 18 - 23 September 2023, pp.99
- II. **PEOPLE WITH CHRONIC NECK PAIN HAVE DECREASED TRUNK ENDURANCE: A PILOT STUDY**  
Çolak G., Kırmızı M., Salık Şengül Y., Kalemci O., Angın S.  
the 10th World Congress of the World Institute of Pain (WIP), Rome, Italy, 26 - 29 August 2020, pp.35
- III. **GENDER DIFFERENCES IN THE ASSOCIATION BETWEEN POSTOPERATIVE PAIN, DISABILITY AND PSYCHOSOCIAL PARAMETERS IN PATIENTS UNDERGOING LUMBAR SPINAL SURGERY**  
Çolak G., Kırmızı M., Salık Şengül Y.  
10th World Congress of the World Institute of Pain, Rome, Italy, 26 - 29 August 2020, pp.51-52
- IV. **THE INVESTIGATION OF THE RELATIONSHIP BETWEEN TRANSVERSUS ABDOMINIS MUSCLE THICKNESS AND PAIN PRESSURE THRESHOLD IN INDIVIDUALS WITH CHRONIC IDIOPATHIC NECK PAIN: A PILOT STUDY**  
Çolak G., Salık Şengül Y., Özyürek S., Kalemci O.  
10th World Congress of the World Institute of Pain (WIP), Rome, Italy, 26 - 29 August 2020, pp.35-36
- V. **Lisans öğrencilerinde toplumsal cinsiyet algısının cinsiyetler arasında karşılaştırılması ve toplumsal cinsiyet algısı ile ilişkili olabilecek faktörlerin belirlenmesi**  
YALÇINKAYA G., KURT M., KIRMIZI M., ŞENGÜL Y.  
2. Uluslararası Kadın Kongresi, İzmir, Turkey, 4 - 05 October 2018
- VI. **INVESTIGATION OF THE RELATIONSHIP BETWEEN TALKING TIME ON THE MOBILE PHONE AND NECK PROPRIOCEPTION, PAIN, AND DISABILITY IN THE UNIVERSITY STUDENTS: PILOT STUDY**  
YALÇINKAYA G., BÜKER N., ŞENGÜL Y.  
9 International Biomechanics Congress, 19 - 22 September 2018
- VII. **THE RELATIONSHIP BETWEEN MUSCLE ENDURANCE OF NECK FLEXOR AND CERVICAL PROPRIOCEPTION IN YOUNG HEALTHY WOMEN**  
YALÇINKAYA G., BÜKER N., ŞENGÜL Y.  
9 International Biomechanics Congress, 19 - 22 September 2018
- VIII. **The Validity and Test-Retest Reliability of the Turkish Patient Specific Functional Scale in Chronic Neck Pain Patients: A Preliminary Report.**  
YALÇINKAYA G., KARA B., ARDA M. N.  
Annual European Congress of Rheumatology EULAR, 14 - 17 June 2017
- IX. **VALIDITY AND RELIABILITY OF A SMARTPHONE GONIOMETERAPPLICATION FOR MEASURING HIP RANGE OF MOTION IN PATIENTS WITH HIPOSTEOARTHRITIS: A PILOT STUDY",**  
SARAÇ D. C., YALÇINKAYA G., ÜNVER B.  
Annual European Congress of Rheumatology 2017, 14 - 17 June 2017
- X. **Omurga dergilerinde yayınlanan randomize kontrollü çalışmaların metodolojik kalitesinin incelenmesi: 2012-2016 yıllarının analizi**  
SARAÇ D. C., YALÇINKAYA G., ÜNVER B., CİNBAZ G., ÜNVER KOÇAK F., SATOĞLU İ. S.  
XII. Uluslar Arası Omurga Kongresi, 19 - 22 April 2017
- XI. **OMURGA İLE İLGİLİ ARAŞTIRMALARARASINDA FİZYOTERAPİ ÇALIŞMALARININ ORANI: 2012-2016 YILLARININ ANALİZİ",**  
ÜNVER B., YALÇINKAYA G., SARAÇ D. C., ÜNVER KOÇAK F., SATOĞLU İ. S.  
XII. Uluslar Arası Omurga Kongresi, 19 - 22 April 2017
- XII. **Lumbal bölge eklem hareket açıklığının değerlendirilmesinde akıllı telefon uygulamasının geçerlilik ve güvenilirliğinin incelenmesi",**  
ÜNVER B., YALÇINKAYA G., YEŞİL Ü., SATOĞLU İ. S.  
XII. Uluslar Arası Omurga Kongresi, 19 - 22 April 2017

- XIII. **SERVİKAL BÖLGE EKLEM HAREKET AÇIKLIĞININDEĞERLENDİRİLMESİNDE AKILLI TELEFON UYGULAMASININ GEÇERLİLİK VEGÜVENİLİRLİĞİNİN İNCELENMESİ**,  
ÜNVER B., YEŞİL Ü., YALÇINKAYA G., SATOĞLU İ. S.  
XII. Uluslar Arası Omurga Kongresi, 19 - 22 April 2017
- XIV. **Romatoloji araştırmaları arasındaki fizyoterapi çalışmalarının oranı 2011 2015 yılları analizi**  
YALÇINKAYA G., SARAÇ D. C., ÜNVER KOÇAK F., ÜNVER B.  
2. ULUSAL ROMATOLOJİK REHABİLİTASYON KONGRESİ, Turkey, 13 - 15 October 2016, vol.27, pp.35

## **Memberships / Tasks in Scientific Organizations**

CA20104 - Network on evidence-based physical activity in old age (PhysAgeNet), Member, 2023 - Continues, Turkey

## **Scientific Refereeing**

TURKISH JOURNAL OF MEDICAL SCIENCES, Journal Indexed in SCI-E, November 2023  
GAIT AND POSTURE, Journal Indexed in SCI-E, August 2023  
JOURNAL OF SPORT REHABILITATION, Journal Indexed in SCI-E, August 2023  
FRONTIERS IN NEUROSCIENCE, Journal Indexed in SCI-E, July 2023  
MEDICAL HYPOTHESES, Journal Indexed in SCI-E, May 2023  
PHYSIOTHERAPY THEORY AND PRACTICE, Journal Indexed in SCI-E, April 2023  
JOURNAL OF RHEUMATOLOGY, Journal Indexed in SCI-E, October 2022  
JOURNAL OF BACK AND MUSCULOSKELETAL REHABILITATION, Journal Indexed in SCI-E, March 2022  
PHYSIOTHERAPY THEORY AND PRACTICE, Journal Indexed in SCI-E, August 2021  
GAIT AND POSTURE, Journal Indexed in SCI-E, August 2021  
SPINE, Journal Indexed in SCI-E, May 2020  
SPINE, Journal Indexed in SCI-E, March 2020  
SPINE, Journal Indexed in SCI-E, January 2020  
SPINE, Journal Indexed in SCI-E, December 2019  
SPINE, Journal Indexed in SCI-E, July 2019  
SPINE, Journal Indexed in SCI-E, July 2019  
SPINE, Journal Indexed in SCI-E, January 2019

## **Metrics**

Publication: 36  
Citation (Scopus): 20  
H-Index (Scopus): 3