



CURRICULUM VITAE

Name and Surname:	Almira Ada DİKEN TÜRKSAYAR
Date of Birth:	1991
Academic Title:	Associate Professor
Work Address:	
Email:	aturksayar@biruni.edu.tr
Area of Expertise:	Health Sciences

Degree	Department/Program	University	Year
Specialty in Dentistry	Protetik Diş Tedavisi Anabilim Dalı	Kırıkkale University	2019
Bachelor's Degree	SİYASET BİLİMİ VE KAMU YÖNETİMİ BÖLÜMÜ	Anadolu University	2019
Master's Degree		Hacettepe University	2014

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):

Estetik zirkonyum, polietereterketon ve polieterketonketon implant dayanakları üzerine yapılan lityum disilikatla güçlendirilmiş CAD/CAM monolitik cam seramik kronların yaşlandırma işlemi sonrası kırılma dayanımlarının ve kırılma tiplerinin in vitro değerlendirilmesi

Position Title	Workplace	Year
Associate Professor	Biruni University	2023-Continues
Assistant Professor	Biruni University	2020-2023
Research Assistant	Kırıkkale University	2016-2019

Supervised Doctoral Theses/Proficiency Studies in Arts:

- ÜÇ BOYUTLU YAZICILARLA ÜRETİLEN FARKLI İMLANT DAYANAKLARININ KIRILMA DAYANIMLARININ DEĞERLENDİRİLMESİ (2023)
- Postpolimerizasyon yöntemleri ve yapay yaşlandırmanın üç boyutlu yazıcıyla üretilen rezin içerikli materyallere etkisi (2023)

Roles in Projects:

- Farklı Ağız İçi Tarayıcılarla Alınan Ölçülerin Doğruluk Ve Hassasiyetinin Karşılaştırılması (2022 - 2024)
Üç Boyutlu Yazıcılarla Üretilen Daimi Kron Materyallerin Farklı Antagonistler Varlığında Aşınma Dayanımının Değerlendirilmesi (2022 - Continues)
- Farklı Tekniklerle Üretilmiş Geçici Restorasyon Materyallerinin Yaşlandırma Sonrası Renk Değişimleri ve Vickers Sertliklerinin Değerlendirilmesi (2022 - Continues)
- Farklı kişisel Implant abutmentlarının ve kron materyallerinin tek Implantlar üzerinde ve periferik kemikte yarattığı streslerin 3D sonlu elemanlar analizi ile değerlendirilmesi (2020 - 2022)
- Translusent Zirkonianın Optik Özellikleri ve Rezin Siman Polimerizasyonuna Etkisi (2021 - 2021)

FARKLI ÜRETİM TEKNİKLERİYLE ELDE EDİLEN GÜNCEL CAD/CAM MATERİYALLERİNİN KIRILMA DAYANIMLARININ DEĞERLENDİRİLMESİ (2020 - 2021)

DİJİTAL DİŞ HEKİMLİĞİNDE GÜNCEL RESTORATİF MATERİYALLERİN YAŞLANDIRMA SONRASI AŞINMA MİKTARININ DEĞERLENDİRİLMESİ (2020 - 2021)

2018/022 Polieterketonkoton Polimerik Materyalinden İmplant Dayanaklarının Elde Edilerek Kırılma Dayanımlarının Değerlendirilmesi (2018 - 2019)

Lityum Disilikatla Güçlendirilmiş Monolitik Cam Seramik Kronlarla Restore Edilen Titanyum Alt Yapılı BioHPP ve Zirkonya İmplant Dayanaklarının 5 Yıllık Dinamik Yükleme ve Termal Siklus Sonrası İnvitro Olarak Kırılma Dayanımlarının ve Kırılma Tiplerinin Değerlendirilmesi (2018 - 2019)

Administrative Duties:

Head of Department - Biruni University (2024 - Continues)

Memberships in Scientific Organizations:

Science Academy (Member) (2025 - Continues)

Science Academy (Member) (2017 - Continues)

Awards:

ABDİ İBRAHİM BİLİM ÖDÜLÜ/ Sözlü Bildiri İkincilik Ödülü (2022)

Sözlü Bildiri İkincilik Ödülü (2022)

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. "Evaluation of the fabrication trueness and internal fit of additively manufactured two-piece zirconia abutments with different build orientations compared to subtractively manufactured abutments", Journal of Dentistry, 2025.

A2. "The effect of thermomechanical aging on the fracture resistance of additively and subtractively manufactured polyetheretherketone abutments", Journal of Dentistry, 2024.

A3. "Effect of 3D printing technology and print orientation on the trueness of additively manufactured definitive casts with different tooth preparations", Journal of Dentistry, 2024.

A4. "Comparison of wear and fracture resistance of additively and subtractively manufactured screw-retained, implant-supported crowns", Journal of Prosthetic Dentistry, 2024.

A5. "Positional accuracy of a single implant analog in additively manufactured casts in biobased model resin", Journal of Dentistry, 2024.

A6. "Effect of layer thickness and polishing on wear resistance of additively manufactured occlusal splints", Journal of Dentistry, 2024.

A7. "Dimensional Stability of Additively Manufactured Dentate Maxillary Diagnostic Casts in Biobased Model Resin", Materials, 2024.

A8. "Effect of partially stabilized zirconia thickness on the translucency and microhardness of resin cement", Journal of Prosthetic Dentistry, 2024.

A9. "Effects of post-polymerization conditions on color properties, surface roughness, and flexural strength of 3D-printed permanent resin material after thermal aging", Journal of Prosthodontics, 2024.

A10. "Optical properties, biaxial flexural strength, and reliability of new-generation lithium disilicate glass-ceramics after thermal cycling", Journal of Prosthodontics, 2023.

A11. "Fabrication trueness and internal fit of hybrid abutment crowns fabricated by using additively and subtractively manufactured resins", Journal of Dentistry, 2023.

A12. "Color stability, surface roughness and flexural strength of additively manufactured and milled interim restorative materials after aging", Odontology, 2023.

A13. "Translucency, color stability, and biaxial flexural strength of advanced lithium disilicate ceramic after coffee thermocycling", Journal of Esthetic and Restorative Dentistry, 2023.

A14. "Stress behavior of an anterior single implant restored with high-performance polymer abutments under immediate and delayed loading: A 3D FEA study", Journal of Prosthodontics, 2023.

- A15. "Effect of Thermomechanical Aging on the Surface Roughness and Color Stability of Novel CAD-CAM Materials: An In-Vitro Study", Clinical and Experimental Health Sciences, 2022.
- A16. "Effect of printing orientation on the fracture strength of additively manufactured 3-unit interim fixed dental prostheses after aging", Journal of Dentistry, 2022.
- A17. "Fracture Resistance of Single-Unit Implant-Supported Crowns: Effects of Prosthetic Design and Restorative Material", Journal of Prosthodontics, 2022.
- A18. "Wear behavior of current computer-aided design and computer-aided manufacturing composites and reinforced high performance polymers: An in vitro study", Journal of Esthetic and Restorative Dentistry, 2022.
- A19. "Evaluation of the Effect of Different Abutment Materials on the Final Color of the Restoration After Aging: An In Vitro Study", International Journal of Prosthodontics, 2022.
- A20. "Fracture Resistance of Zirconia, Polyetheretherketone, and Polyetherketoneketone Implant Abutments After Aging", International Journal of Oral and Maxillofacial Implants, 2021.
- A21. "Retention systems used in maxillofacial prostheses: A review", Nigerian Journal of Clinical Practice, 2019.

D. Articles published in national peer-reviewed journals:

- D1. "Investigating the influence of infill pattern and layer height on the mechanical and bonding behavior of additively manufactured PEEK for dental applications", Journal of Prosthetic Dentistry, 2025.
- D2. "Dimensional Stability of Additively Manufactured Maxillary Dental Casts for a Three-unit Fixed Partial Denture Fabricated with Different Build Orientations", Eurasian Dental Research, 2024.
- D3. "Farklı İntraoral Tarayıcıların İmplant Ölçü Hassasiyeti Üzerindeki Etkisinin Değerlendirilmesi", ADO Klinik Bilimler Dergisi, 2024.
- D4. "Ağzı İçi Tarayıcıların Farklı Restorasyon Tasarımlarının Tarama Doğruluğuna Etkisi", ADO Klinik Bilimler Dergisi, 2024.
- D5. "Dental Anksiyete ve Ağrı Sağlığı Etki Ölçeğine Etkisi", Selcuk Dental Journal, 2023.
- D6. "EVALUATION OF FLEXURAL STRENGTH OF DIFFERENT RESTORATIVE MATERIALS", İstanbul Üniversitesi-Sağlık Bilimlerinde İleri Araştırmalar Dergisi, 2023.
- D7. "RETROSPECTIVE LATERAL SEFALOMETRIC ANALYSIS OF PATIENTS USING MANDIBLE ADVANCEMENT DEVICES IN THE TREATMENT OF OBSTRUCTIVE SLEEP APNEA SYNDROME", Journal of Advanced Research in Health Sciences, 2023.
- D8. "EFFECT OF EIGHT DIFFERENT DISINFECTION METHODS ON THE SURFACE ROUGHNESS AND FLEXURAL STRENGTH PROPERTIES OF ACRYLIC RESINS", Türkiye Klinikleri Diş Hekimliği Bilimleri Dergisi, 2023.
- D9. "Evaluation of the effect of the new type of coronavirus epidemic on the perspectives, clinical attitudes, and behaviors of trainee dentistry students Yeni tip koronavirüs salgınının stajyer diş hekimliği öğrencilerinin mesleğe bakış açılarına, klinik tutum ve davranışlarına etkisinin değerlendirilmesi", Current Research in Dental Sciences, 2022.