

## Asst. Prof. ARZU KAYA MUMCU

### Personal Information

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### International Researcher IDs

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### Education Information

Dental Specialty, Gazi University, Diş Hekimliği Fakültesi, Klinik Bilimler, Turkey 2017 - 2020

Undergraduate, Suleyman Demirel University, Diş Hekimliği Fakültesi, Turkey 2009 - 2014

### Research Areas

Endodontics

### Academic Titles / Tasks

Assistant Professor, Kütahya Health Sciences University, Diş Hekimliği Fakültesi, Klinik Bilimler, 2021 - Continues

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

- Comparative effects of 17% ethylenediaminetetraacetic acid and 9% etidronic acid applied with different irrigant activation techniques on the release of growth factors from dentin: in vitro study**  
Mumcu A., Kurnaz S., Kiraz G., Gündüz M. K.  
BMC ORAL HEALTH, vol.24, no.24, pp.1-7, 2024 (SCI-Expanded)

### Articles Published in Other Journals

- YouTube as a source of information about rubber dam: quality and content analysis**  
Kiraz G., Mumcu A. K., Kurnaz S.  
Restorative Dentistry and Endodontics, vol.49, no.1, 2024 (Scopus)
- Comparison of Apically Extruded Debris Created by Four Different Reciprocating Single-File Systems: An in Vitro Study**  
MUMCU A. K., KIRAZ G., KURNAZ S.  
Türkiye Klinikleri Diş Hekimliği Bilimleri Dergisi, vol.29, no.2, pp.310-317, 2023 (Peer-Reviewed Journal)
- Use of three-dimensional endodontic guide in a maxillary premolar tooth with an obliterated root canal: A case report**  
Gürsoy Emek B., Kurnaz S., Kiraz G., Kaya Mumcu A.  
Turkish Endodontic Journal, vol.7, no.2, pp.79-84, 2022 (Peer-Reviewed Journal)
- Comparison of The Amount of Apical Debris Extrusion Acquired with Different Ni-Ti Systems During**

### **Endodontic Retreatment**

Paltun Y., Yaman S., Aksoy Ç., Kaya Mumcu A.

Uluslararası Diş Hekimliği Bilimleri Dergisi (Bülent Ecevit Üniversitesi Diş Hekimliği Fakültesi Dergisi), vol.7, no.3, pp.51-57, 2021 (Peer-Reviewed Journal)

### **V. Evaluation of Dentinal Tubule Penetration of NeoMTA Plus in the Presence of EDTA and Etidronic Acid**

Kaya Mumcu A., Yaman S.

ADO Klinik Bilimler Dergisi, vol.10, no.1, pp.27-34, 2021 (Peer-Reviewed Journal)

## **Books & Book Chapters**

### **I. Lazerlerin Endodontide Kullanımı**

Toker B. C., Kaya Mumcu A.

in: Güncel Endodonti Çalışmaları V, Oğuz YOLDAŞ, Editor, Akademisyen Kitabevi, Ankara, pp.85-106, 2024

### **II. Endodontik-Periodontal Lezyonlar**

Kaya Mumcu A.

in: Güncel Endodonti Çalışmaları IV, OĞUZ YOLDAŞ, Editor, Akademisyen Kitabevi, Ankara, pp.131-144, 2023

### **III. Endodontide Yapay Zeka**

Çorak M., Kaya Mumcu A.

in: Güncel Endodonti Çalışmaları IV, OĞUZ YOLDAŞ, Editor, Akademisyen Kitabevi, Ankara, pp.1-20, 2023

## **Refereed Congress / Symposium Publications in Proceedings**

### **I. Evaluation of Knowledge Levels of Dentistry Students About Rotary File Systems**

Kaya Mumcu A., Kiraz G., Kurnaz S.

15. Uluslararası Türk Endodonti Derneği Kongresi, Bursa, Turkey, 8 - 10 June 2023, pp.69-70

### **II. GENTLEWAVE MULTİSONİK İRRİGASYON SİSTEMİ HAKKINDA BİLGİ KAYNAĞI YOUTUBE: KESİTSEL İÇERİK ANALİZİ**

Eskici S., Çorak M., Kaya Mumcu A., Kiraz G.

6th INTERNATIONAL HEALTH SCIENCE AND LIFE CONGRESS , Burdur, Turkey, 2 - 05 March 2023, pp.394

### **III. Combined Treatment Of Mandibular First Molar Tooth With Endodontic-Periodontal Lesion: Case Report**

Kaya Mumcu A., Şengül J., Yaman S.

Gazi Üniversitesi Diş Hekimliği Fakültesi 1. Genç Akademisyenler Kongresi, Ankara, Turkey, 20 - 21 February 2020, pp.105

### **IV. Recovery of Aesthetics and Function of a Tooth with Retreatment and Devital Bleaching**

Kaya Mumcu A., Yaman S.

Türk Dişhekimleri Birliği 25. Uluslararası Dişhekimliği Kongresi, İstanbul, Turkey, 4 - 07 September 2019, pp.684

### **V. Endodontic Treatment of Teeth With Necrotic Pulp and open Apex : Case Report**

Kaya Mumcu A., Yaman S.

The 20th Scientific Congress Of Asian Pacific Endodontic Confederation&The 14th International Congress Of Turkish Endodontic Society, İstanbul, Turkey, 24 - 27 April 2019, pp.74

### **VI. Evaluation Of Penetration Depth Of Different Irrigation Solutions Applied By Passive Ultrasonic Irrigation**

Paltun Y., Kaya Mumcu A., Yaman S.

Türk Diş Hekimleri Birliği 24. Uluslararası Dişhekimliği Kongresi, Ankara, Turkey, 27 - 30 September 2018, pp.117

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

Turkish Endodontic Society, Member, 2018 - Continues, Turkey

## **Metrics**

Publication: 15

## **Congress and Symposium Activities**

TDA 25th International Dental Congress, Attendee, İstanbul, Turkey, 2019

TDB 24.th International Dental Congress, Attendee, Ankara, Turkey, 2018