

Prof. BAHAR ÖZCELİK

Personal Information

Office Phone: [+90 312 305 2260](tel:+903123052260)

Fax Phone: [+90 312 310 4440](tel:+903123104440)

Email: bozcelik@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/bozcelik>

Address: Hacettepe Üni.Diş Hekimliği Fakültesi Kat 4 Endodonti A.D Ankara

Education Information

Doctorate, Hacettepe University, Diş Hekimliği Fakültesi, Endodonti, Turkey 1983 - 1987

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Endodontik tedavide kullanılan paslanmaz çelik kök kanal aletlerinin kırılganlığına sterilizasyonun ve aletlerin kullanım sıklığının etkisi, Hacettepe Üniversitesi, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 1987

Research Areas

Health Sciences, Dentistry, Clinical Sciences, Endodontics

Academic Titles / Tasks

Professor, Hacettepe University, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 1983 - Continues

Academic and Administrative Experience

Hacettepe Üniversitesi, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 2017 - Continues

Hacettepe Üniversitesi, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 2014 - Continues

Hacettepe Üniversitesi, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 2011 - Continues

Courses

DHF341 Endodonti Teorik, Undergraduate, 2016 - 2017

DIŞ 461 ENDODONTİ KLİNİK, Undergraduate, 2016 - 2017

Advising Theses

ÖZÇELİK B., Üç farklı ege sisteminin kök kanal dolgu materyali uzaklaştırma etkinliği: Mikro bilgisayarlı tomografi çalışması, Doctorate, Ç.CANBAZOĞLU(Student), 2015

ÖZÇELİK B., Paralel ve konik formdaki farklı post tiplerinin kök kanalına bağlanma dayanımları ve kırılma dirençlerinin incelenmesi, Doctorate, S.AKTEMUR(Student), 2012

AKSOY Y., ÖZÇELİK B., İnflame insan makrofaj hücrende kalsiyum hidroksit ve n-asetilsisteinin antiinflamatuar etkilerinin karşılaştırılması, Doctorate, S.PINAR(Student), 2012

ÖZÇELİK B., Üç farklı dönen ege sisteminin kök kanal alanı, hacmi ve transportasyonuna etkisinin mikro bilgisayarlı tomografi ile incelenmesi, Doctorate, K.AŞKIN(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effect of N-acetylcysteine and calcium hydroxide on TNF-alpha and TGF-beta 1 in lipopolysaccharide-activated macrophages**
Karapinar S. P., ULUM Y. Z. A., ÖZÇELİK B., BUZOGLU H., Ceyhan D., PEYNIRCIOGLU B., AKSOY Y. ARCHIVES OF ORAL BIOLOGY, vol.68, pp.48-54, 2016 (SCI-Expanded)
- II. **Efficacy of rotary Ni-Ti retreatment systems in root canals filled with a new warm vertical compaction technique**
YILMAZ Z., Karapinar S. P., ÖZÇELİK B.
DENTAL MATERIALS JOURNAL, vol.30, no.6, pp.948-953, 2011 (SCI-Expanded)
- III. **Sealing efficiency of BeeFill 2in1 and System B/Obtura II versus single-cone and cold lateral compaction techniques**
YILMAZ Z., Deniz D., ÖZÇELİK B., ŞAHİN C., CIMILLI H., ÇEHRELİ Z. C., KARTAL N.
ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY AND ENDODONTOLOGY, vol.108, no.6, 2009 (SCI-Expanded)
- IV. **Calcium ion diffusion from mineral trioxide aggregate through simulated root resorption defects**
Ozdemir H. Ö., ÖZÇELİK B., Karabucak B., ÇEHRELİ Z. C.
DENTAL TRAUMATOLOGY, vol.24, no.1, pp.70-73, 2008 (SCI-Expanded)
- V. **Sealing properties of different obturation systems applied over apically fractured rotary nickel-titanium files**
ALTUNDAŞAR E., ŞAHİN C., ÖZÇELİK B., Cebreli Z. C.
JOURNAL OF ENDODONTICS, vol.34, no.2, pp.194-197, 2008 (SCI-Expanded)
- VI. **Ultramorphological and histochemical changes after Er,Cr : YSGG laser irradiation and two different irrigation regimes**
ALTUNDASAR E., Ozcelik B., CEHRELI Z. C., MATSUMOTO K.
JOURNAL OF ENDODONTICS, vol.32, no.5, pp.465-468, 2006 (SCI-Expanded)
- VII. **The effect of calcitonin on osseous healing in guinea pig mandible**
Dogan H. S., Ozcelik B., Gedikoglu G., Senel S.
JOURNAL OF ENDODONTICS, vol.27, no.3, pp.160-163, 2001 (SCI-Expanded)
- VIII. **A comparison of the surface tension of calcium hydroxide mixed with different vehicles**
Ozcelik B., TASMAN F., OGAN C.
JOURNAL OF ENDODONTICS, vol.26, no.9, pp.500-502, 2000 (SCI-Expanded)
- IX. **Histopathological evaluation of the dental pulps in crown-fractured teeth**
Ozcelik B., KURANER T., KENDİR B., ASAN E.
JOURNAL OF ENDODONTICS, vol.26, no.5, pp.271-273, 2000 (SCI-Expanded)
- X. **Histological and densitometric analysis of the effects of exogenous heparin on rat pulp tissues**
KURANER T., Ozcelik B., SERPER A., MOCAN G., MUMIN E., ERYILMAZ M.
JOURNAL OF ENDODONTICS, vol.25, no.10, pp.649-651, 1999 (SCI-Expanded)
- XI. **Endothelial cell adhesion molecules in human dental pulp: A comparative immunohistochemical study on chronic periodontitis**

- TASMAN F., DAGDEVIREN A., KENDİR B., Ozcelik B., ATAC A. S., ER N.
 JOURNAL OF ENDODONTICS, vol.25, no.10, pp.664-667, 1999 (SCI-Expanded)
- XII. pH changes and calcium ion diffusion from calcium hydroxide dressing materials through root dentin
 CALT S., SERPER A., Ozcelik B., DALAT M.
 JOURNAL OF ENDODONTICS, vol.25, no.5, pp.329-331, 1999 (SCI-Expanded)
- XIII. Root canal morphology of maxillary premolars
 KARTAL N., Ozcelik B., CIMILLI H.
 JOURNAL OF ENDODONTICS, vol.24, no.6, pp.417-419, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. Influence of size and insertion depth of irrigation needle on debris extrusion and sealer penetration
 UZUNOĞLU ÖZYÜREK E., KARAASLAN H., AKTEMUR TÜRKER S., ÖZÇELİK B.
 Restorative Dentistry Endodontics, vol.43, pp.9-18, 2018 (Peer-Reviewed Journal)
- II. The effectiveness of various chelates used alone or in combination with sodium hypochlorite in the removal of calcium hydroxide from root canals
 Uzunoglu E., Turker S. A., ÖZÇELİK B.
 Saudi Endodontic Journal, vol.5, no.3, pp.161-165, 2015 (Scopus)
- III. ANTIMICROBIAL AND STRUCTURAL EFFECTS OF DIFFERENT IRRIGATION SOLUTIONS ON GUTTA-PERCHA CONES
 Turker S. A., ASLAN M. H., Uzunoglu E., ÖZÇELİK B.
 JOURNAL OF ISTANBUL UNIVERSITY FACULTY OF DENTISTRY, vol.49, no.1, pp.27-32, 2015 (ESCI)
- IV. Evaluation of the Bond Strength and Fracture Resistance of Different Post Systems
 AKTEMUR TÜRKER S., ÖZÇELİK B., YILMAZ Z.
 J Contemp Dent Pract, vol.16, no.10, pp.788-793, 2015 (Peer-Reviewed Journal)
- V. EFFECT OF TWO GUTTA-PERCHA SOLVENTS AND TWO SEALERS ON FRACTURE RESISTANCE OF ENDODONTICALLY TREATED TEETH
 AKTEMUR TÜRKER S., UZUNOĞLU ÖZYÜREK E., UYANIK M. Ö., ÖZÇELİK B., NAGAŞ Z. E.
 CLINICAL DENTISTRY AND RESEARCH, vol.36, pp.16-20, 2012 (Peer-Reviewed Journal)
- VI. Effects of ultrasonically activated irrigants with or without surfactant on smear layer removal
 AKTEMUR TÜRKER S., YILMAZ Z., ÖZÇELİK B., GÖRDUYSUS M., ALTUNDAŞAR E.
 Journal of Clinical and Experimental Dentistry, vol.4, no.5, pp.260-265, 2012 (Scopus)
- VII. Bilateral Palatal Talon Cusps on Permanent Maxillary Lateral Incisors A Case Report
 ÖZÇELİK B., Atila B.
 european journal of dentistry, 2011 (Scopus)
- VIII. Comparison of the cytotoxic effects and smear layer removing capacity of oxidative potential water NaOCl and EDTA
 SERPER A., Çalt S., DOĞAN A. L., GÜC D., ÖZÇELİK B., Kuraner T.
 J ORAL SCI, vol.4, no.43, pp.233, 2001 (Peer-Reviewed Journal)
- IX. KLİNİK KULLANIMDA GÜTAPERKA KONİLERİİNDE ZENFEKSİYONU
 ÖZÇELİK B.
 GÜ Diş Hek Fak DERG, 1990 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. Effect of periapical lesion existence on the overfilled root canals performed by undergraduate students.
 ALTUNDAŞAR E., UZUNOĞLU ÖZYÜREK E., ÖZÇELİK B.

- 19th Biennial ESE Congress, VİYANA, Austria, 11 - 14 September 2019
- II. **Effect of Different gutta-percha solvents on push-out bond strength of tricalcium silicate based cements**
ÖZÇELİK B., ARIKER İ.
18th Biennial ESE Congress-Brussel/BELGIUM, Brüksel, Belgium, 14 - 16 September 2017
- III. **ÜÇ KÖKLÜ MAKSİLLER DİŞLERİN ENDODONTİK TEDAVİ YÖNETİMİ 3 VAKA RAPORU**
ARIKER İ., ÖZÇELİK B.
13.Uluslararası Türk Endodonti Derneği Bilimsel Kongresi, 26 - 29 May 2016
- IV. **Comparative evaluation of the shaping effect of two nickel titanium rotary instruments on root canal morphology a radiographic evaluation**
ÖZÇELİK B., ARIKER İ., CİMİLLİ Z. H.
17. Biennial Avrupa Endodonti Birliği Kongresi, 16 - 19 September 2015
- V. **Antimicrobial/structural effects of irrigation solutions on gutta-percha cones**
AKTEMUR TÜRKER S., ASLAN H. M., UZUNOĞLU ÖZYÜREK E., ÖZÇELİK B.
IADR/PER Congress, 10 - 13 September 2014
- VI. **Effect of Qmix On Removing Calcium Hydroxide From Root Canals**
AKTEMUR TÜRKER S., UZUNOĞLU ÖZYÜREK E., ÖZÇELİK B.
18th meeting of International Association of Dental Traumatology, 19 - 21 June 2014
- VII. **The Effect of Different Gutta-Percha Solvents On The Fracture Resistance of Endodontically Treated Teeth**
AKTEMUR TÜRKER S., UZUNOĞLU ÖZYÜREK E., UYANIK M. Ö., ÖZÇELİK B., NAGAŞ Z. E.
10. Uluslararası Türk Endodonti Derneği Kongresi, Turkey, 23 - 25 September 2010
- VIII. **Sealing Efficiency of BeeFill2in1, SystemB/Obtura II, Single-Cone and Lateral Compaction Techniques**
YILMAZ Z., DENİZ SUNGUR D., ÖZÇELİK B., ŞAHİN C., CİMİLLİ Z. H., ÇEHRELİ Z. C., KARTAL N.
2008 Pan European Federation Meeting (London, England), 10 - 12 September 2008

Supported Projects

ÖZÇELİK B., KARAASLAN H., ALTUNDAŞAR E., Project Supported by Higher Education Institutions, Farklı İntrakoronal Ağartma Ajanlarının İrrigasyon Solüsyonlarına Maruz Kalmış Kron Dentininin Tübül Çapı Mikrosertliği ve Mineral İçeriğine Etkisi, 2018 - 2019

ÖZÇELİK B., UYANIK M. Ö., NAGAŞ Z. E., ARIKER İ., Project Supported by Higher Education Institutions, Farklı Gütaperka Çözüçülerin Kalsiyum Silikat İçerikli Kök Kanal Dolgu Materyallerinin Kök Kanalına Bağlanması Dayanımı Üzerine Etkisi, 2016 - 2017

ÖZÇELİK B., Project Supported by Higher Education Institutions, İnflame İnsan Makrofaj Hücrende Kalsiyum Hidroksit ve N-Asetilsisteinin Antiinflamatuar Etkilerinin Karşılaştırılması, 2012 - 2017

ÖZÇELİK B., Project Supported by Higher Education Institutions, Türk Endodonti Derneği 13. Uluslararası Bilimsel Kongresi, 2016 - 2016

ÖZÇELİK B., Project Supported by Higher Education Institutions, 17. Biennial Avrupa Endodonti Birliği Kongresi, 2015 - 2016

ÖZÇELİK B., Project Supported by Higher Education Institutions, ÜÇ FARKLI EĞE SİSTEMİNİN KÖK KANAL DOLGU MATERYALİNİ UZAKLAŞTIRMA ETKİNLİĞİ:MİKRO- BİLGİSAYARLI TOMOGRAFİ ÇALIŞMASI, 2014 - 2015

Metrics

Publication: 30

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H-Index (Scopus): 8