

## Prof. AHMET SERPER

### Personal Information

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### International Researcher IDs

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ScopusID: 6604059300

Yoksis Researcher ID: 11113

### Education Information

Doctorate, Hacettepe University, Diş Hekimliği Fakültesi, Endodonti, Turkey 1987 - 1991

Undergraduate, Hacettepe University, Diş Hekimliği Fakültesi, Turkey 1982 - 1987

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Expertise In Medicine, Beş değişik kök kanal dolgu maddesinin nörotoksik etkilerinin araştırılması, Hacettepe University, Diş Hekimliği Fakültesi, 1991

### Research Areas

Health Sciences, Dentistry, Clinical Sciences, Endodontics

### Academic Titles / Tasks

Professor, Hacettepe University, Diş Hekimliği Fakültesi, Diş Hekimliği Klinik Bilimler Bölümü, 2004 - Continues

### Academic and Administrative Experience

Vice Rector, Hacettepe University, Diş Hekimliği Fakültesi, Diş Hekimliği Klinik Bilimler Bölümü, 2020 - Continues

Hacettepe Üniversitesi, Diş Hekimliği Fakültesi, 2012 - 2016

### Courses

## Undergraduate

DHF440 ENDODONTİ KLİNİK, Undergraduate, 2016 - 2017

DHF341 ENDODONTİ, Undergraduate, 2016 - 2017

DHF540 ENDODONTİ KLİNİK, Undergraduate, 2016 - 2017

## Supervised Theses

Serper A., Evaluation of the relationship between the curvature angle of the mesiobuccal root canal of the maxillary first molars and the apical foramen configuration and gender, Dental Specialty, F.NUR(Student), 2022

Serper A., Farklı kök kanal preparasyon şekillerinin düz ve eğimli köklere sahip mandibular molar dişlerin stres dağılımı üzerindeki etkisi: Sonlu elemanlar stres analizi, Dental Specialty, Y.CESUR(Student), 2019

Serper A., Maksiller birinci premolar dişlerin farklı koniklik oranına sahip eğelerle şekillendirilmesinin okluzal yükler altındaki biyomekanik cevabına etkisi: Sonlu elemanlar stres analizi, Dental Specialty, S.ASKERBEYLİ(Student), 2016

Serper A., Ulubayram K., Hidrojel doku iskeleleri kullanılarak kök hücre aracılı diş pulpa rejenerasyonu, Doctorate, H.AKSEL(Student), 2016

Serper A., Effect of different concentrations of sodium hypochlorite on surface properties and mineral content of dentin, Doctorate, C.KAYA(Student), 2012

Serper A., İrrigasyon solusyonları ve şelasyon ajanlarının kök dentini üzerine etkilerinin alev emisyon ve mikrosertlik yönünde araştırılması, Doctorate, T.CEM(Student), 2007

Serper A., Klorheksidinin kök kanal dolgu patlarının dentin adezyonu ve tübüler penetrasyonuna etkisinin araştırılması, Doctorate, C.ÇAL(Student), 2005

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

- I. **Sealer penetration: effect of separated file's cross-section, taper and motion characteristics**  
EYMİRLİ A., UZUNOĞLU ÖZYÜREK E., SERPER A.  
CLINICAL ORAL INVESTIGATIONS, vol.25, no.3, pp.1077-1084, 2021 (SCI-Expanded)
- II. **Micro-CT evaluation of the removal of root fillings using the ProTaper Universal Retreatment system supplemented by the XP-Endo Finisher file**  
AKSEL H., EREN S., Ors S. A., SERPER A., Ocak M., ÇELİK H. H.  
INTERNATIONAL ENDODONTIC JOURNAL, vol.52, no.7, pp.1070-1076, 2019 (SCI-Expanded)
- III. **Effect of perforation size and furcal lesion on stress distribution in mandibular molars: a finite element analysis**  
Ors S., AKSEL H., EREN S., SERPER A.  
INTERNATIONAL ENDODONTIC JOURNAL, vol.52, no.3, pp.377-384, 2019 (SCI-Expanded)
- IV. **Obturation quality of calcium silicate-based cements placed with different techniques in teeth with perforating internal root resorption: a micro-computed tomographic study**  
Eren S., AKSEL H., Ors S. A., SERPER A., KOÇAK Y., Ocak M., ÇELİK H. H.  
CLINICAL ORAL INVESTIGATIONS, vol.23, no.2, pp.805-811, 2019 (SCI-Expanded)
- V. **Influence of nickel-titanium rotary systems with varying tapers on the biomechanical behaviour of maxillary first premolars under occlusal forces: a finite element analysis study**  
Ors S. A., Serper A.  
INTERNATIONAL ENDODONTIC JOURNAL, vol.51, no.5, pp.529-540, 2018 (SCI-Expanded)
- VI. **VEGF/BMP-2 loaded three-dimensional model for enhanced angiogenic and odontogenic potential of dental pulp stem cells**  
AKSEL H., ÖZTÜRK Ş., SERPER A., ULUBAYRAM K.  
INTERNATIONAL ENDODONTIC JOURNAL, vol.51, no.4, pp.420-430, 2018 (SCI-Expanded)
- VII. **Efficacy of different irrigant protocols and application systems on sealer penetration using a stepwise CLSM analysis**

- AKSEL H., Eren S. K., PURALI N., SERPER A., Azim A. A.  
MICROSCOPY RESEARCH AND TECHNIQUE, vol.80, no.12, pp.1323-1327, 2017 (SCI-Expanded)
- VIII. **Effect of Instrumentation Techniques and Preparation Taper on Apical Extrusion of Bacteria**  
AKSEL H., Eren S. K., ÇAKAR A., SERPER A., ÖZKUYUMCU C., AZIM A. A.  
JOURNAL OF ENDODONTICS, vol.43, no.6, pp.1008-1010, 2017 (SCI-Expanded)
- IX. **Comparison of triple antibiotic paste removal by different irrigation techniques**  
AKSEL H., EREN S. K., SERPER A.  
DENTAL MATERIALS JOURNAL, vol.36, no.3, pp.303-308, 2017 (SCI-Expanded)
- X. **Effects of QMix and ethylenediaminetetraacetic acid on decalcification and erosion of root canal dentin**  
AKSEL H., SERPER A., Kalayci S., Somer G., Erisken C.  
MICROSCOPY RESEARCH AND TECHNIQUE, vol.79, no.11, pp.1056-1061, 2016 (SCI-Expanded)
- XI. **Effect of placement technique on the push-out bond strength of calcium-silicate based cements**  
Kucukkaya S., AKSEL H., SERPER A.  
DENTAL MATERIALS JOURNAL, vol.35, no.5, pp.742-747, 2016 (SCI-Expanded)
- XII. **Neurotoxicity of various root canal sealers on rat sciatic nerve: an electrophysiologic and histopathologic study**  
Kilkis B. T., ER K., TAŞDEMİR T., Yildirim M., TAŞKESEN F., Tumkaya L., Kalkan Y., SERPER A.  
CLINICAL ORAL INVESTIGATIONS, vol.19, no.8, pp.2091-2100, 2015 (SCI-Expanded)
- XIII. **Effect of needle insertion depth and apical diameter on irrigant extrusion in simulated immature permanent teeth**  
AKSEL H., ASKERBEYLİ S., CANBAZOĞLU Ç., SERPER A.  
BRAZILIAN ORAL RESEARCH, vol.28, no.6, pp.451-456, 2014 (SCI-Expanded)
- XIV. **Recent considerations in regenerative endodontic treatment approaches**  
AKSEL H., SERPER A.  
JOURNAL OF DENTAL SCIENCES, vol.9, no.3, pp.207-213, 2014 (SCI-Expanded)
- XV. **Effect of EDTA, Sodium Hypochlorite, and Chlorhexidine Gluconate with or without Surface Modifiers on Dentin Microhardness**  
ASLANTAŞ E. E., BUZOĞLU H., ALTUNDAŞAR E., SERPEN A.  
JOURNAL OF ENDODONTICS, vol.40, no.6, pp.876-879, 2014 (SCI-Expanded)
- XVI. **Push-out bond strength of three calcium silicate cements to root canal dentine after two different irrigation regimes**  
ÇELİK D., ER K., SERPER A., TAŞDEMİR T., Ceyhanli K. T.  
CLINICAL ORAL INVESTIGATIONS, vol.18, no.4, pp.1141-1146, 2014 (SCI-Expanded)
- XVII. **Bond Strength of Calcium Silicate-Based Sealers to Dentine Dried with Different Techniques**  
TAŞDEMİR T., ER K., ÇELİK D., TAHAN E., SERPER A., Ceyhanli K. T., Yesilyurt C.  
MEDICAL PRINCIPLES AND PRACTICE, vol.23, no.4, pp.373-376, 2014 (SCI-Expanded)
- XVIII. **Mandibular first molars with a medial root canal**  
AKSEL H., SERPER A.  
JOURNAL OF DENTAL SCIENCES, vol.8, no.2, pp.205-206, 2013 (SCI-Expanded)
- XIX. **Evaluation of the cytotoxicity of different root canal sealers on L929 cell line by MIT assay**  
YILMAZ Z., DOĞAN A., OZDEMİR H. O., SERPER A.  
DENTAL MATERIALS JOURNAL, vol.31, no.6, pp.1028-1032, 2012 (SCI-Expanded)
- XX. **Debris and irrigant extrusion potential of 2 rotary systems and irrigation needles**  
ALTUNDAŞAR E., Nagas E., Uyanik O., SERPER A.  
ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY AND ENDODONTOLOGY, vol.112, no.4, 2011 (SCI-Expanded)
- XXI. **Effect of smear layer and root-end cavity thickness on apical sealing ability of MTA as a root-end filling material: A bacterial leakage study**  
Yildirim T., Er K., TAŞDEMİR T., Tahan E., Buruk K., SERPER A.  
ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY AND ENDODONTOLOGY, vol.109, no.1,

2010 (SCI-Expanded)

- XXII. **Comparison of the sealing ability of three filling techniques in canals shaped with two different rotary systems: A bacterial leakage study**  
TAŞDEMİR T., Er K., Yildirim T., Buruk K., ÇELİK D., Cora S., Tahan E., TUNCEL B., SERPER A.  
ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY AND ENDODONTOLOGY, vol.108, no.3, 2009 (SCI-Expanded)
- XXIII. **Microleakage evaluation of roots filled with different obturation techniques and sealers**  
YILMAZ Z., TUNCEL B., OZDEMIR H. O., SERPER A.  
ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY AND ENDODONTOLOGY, vol.108, no.1, pp.124-128, 2009 (SCI-Expanded)
- XXIV. **The effect of master point taper on bond strength and apical sealing ability of different root canal sealers**  
Nagas E., ALTUNDAŞAR E., SERPER A.  
ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY AND ENDODONTOLOGY, vol.107, no.1, 2009 (SCI-Expanded)
- XXV. **The effect of EDTA, EGTA, EDTAC, and tetracycline-HCl with and without subsequent NaOCl treatment on the microhardness of root canal dentin**  
Sayin T. C., Serper A., Cehreli Z. C., Otlu H. G.  
ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY AND ENDODONTOLOGY, vol.104, no.3, pp.418-424, 2007 (SCI-Expanded)
- XXVI. **Calcium loss from root canal dentin following EDTA, EGTA, EDTAC, and tetracycline-HCl treatment with or without subsequent NaOCl irrigation**  
Sayin T. C., Serper A., Cehreli Z. C., Kalayci S.  
JOURNAL OF ENDODONTICS, vol.33, no.5, pp.581-584, 2007 (SCI-Expanded)
- XXVII. **Intentional replantation for a periodontally involved hopeless incisor by using autologous platelet-rich plasma**  
Tözüm T. F., KEÇELİ H. G., SERPER A., TUNCEL B.  
Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology and Endodontology, vol.101, no.6, 2006 (SCI-Expanded)
- XXVIII. **C-shaped root canal in a maxillary first molar: a case report**  
Yilmaz Z., Tuncel B., Serper A., Calt S.  
INTERNATIONAL ENDODONTIC JOURNAL, vol.39, no.2, pp.162-166, 2006 (SCI-Expanded)
- XXIX. **Treatment of periapical inflammatory lesion with the combination of platelet-rich plasma and tricalcium phosphate: A case report**  
Demiralp B., Keceli H. G., MUHTAROGULLARI M., SERPER A., Demiralp B., ERATALAY K.  
JOURNAL OF ENDODONTICS, vol.30, no.11, pp.796-800, 2004 (SCI-Expanded)
- XXX. **Accidental sodium hypochlorite-induced skin injury during endodontic treatment**  
Serper A., Ozbek M., Calt S.  
JOURNAL OF ENDODONTICS, vol.30, no.3, pp.180-181, 2004 (SCI-Expanded)
- XXXI. **Fracture resistance of endodontically treated Premolars restored with ormocer and packable composite**  
Hurmuzlu F., Kiremitci A., Serper A., Altundasar E., Siso S.  
JOURNAL OF ENDODONTICS, vol.29, no.12, pp.838-840, 2003 (SCI-Expanded)
- XXXII. **In vitro fracture resistance of root-filled teeth using new-generation dentine bonding adhesives**  
Hurmuzlu F., Serper A., Siso S., Er K.  
INTERNATIONAL ENDODONTIC JOURNAL, vol.36, no.11, pp.770-773, 2003 (SCI-Expanded)
- XXXIII. **Repair of untreated horizontal root fracture: a case report**  
Ozbek M., Serper A., Calt S.  
DENTAL TRAUMATOLOGY, vol.19, no.5, pp.296-297, 2003 (SCI-Expanded)
- XXXIV. **The demineralizing effects of EDTA at different concentrations and pH**  
Serper A., Calt S.

- JOURNAL OF ENDODONTICS, vol.28, no.7, pp.501-502, 2002 (SCI-Expanded)
- XXXV. **Time-dependent effects of EDTA on dentin structures**  
Calt S., Serper A.  
JOURNAL OF ENDODONTICS, vol.28, no.1, pp.17-19, 2002 (SCI-Expanded)
- XXXVI. **Smear layer removal by EGTA**  
Calt S., Serper A.  
JOURNAL OF ENDODONTICS, vol.26, no.8, pp.459-461, 2000 (SCI-Expanded)
- XXXVII. **Evaluation of the cytotoxicity of calcium phosphate root canal sealers by MTT assay**  
Telli C., Serper A., Dogan A., Guc D.  
JOURNAL OF ENDODONTICS, vol.25, no.12, pp.811-813, 1999 (SCI-Expanded)
- XXXVIII. **Histological and densitometric analysis of the effects of exogeneous 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)
- XXXIX. **Dentinal tubule penetration of root canal sealers after root canal dressing with calcium hydroxide**  
Calt S., Serper A.  
JOURNAL OF ENDODONTICS, vol.25, no.6, pp.431-433, 1999 (SCI-Expanded)
- XL. **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)
- XLI. **Comparative neurotoxic effects of root canal filling materials on rat sciatic nerve**  
Serper A., Ucer O., Onur R., Etikan I.  
JOURNAL OF ENDODONTICS, vol.24, no.9, pp.592-594, 1998 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Effect of Sodium Hypochlorite Irrigation with and Without Surfactant on Maximum Operative Torque and Vertical Force of Nickel-Titanium Endodontic Instruments.**  
Aslantaş E. E., Ors S. A., Serper A.  
Acta stomatologica Croatica, vol.56, no.1, pp.33-41, 2022 (ESCI)
- II. **Effect of Chemical Irrigants on the Bond Strength of a Universal Adhesive System to Dentin-Enamel Junction and Different Dentin Regions**  
Kaptan A., Kılıç V., Hümmüzlü F., Serper A., Kaptan A.  
Clinical Medical Reviews and Case Reports, vol.6, no.9, pp.1-7, 2019 (Peer-Reviewed Journal)
- III. **Effect of final irrigation using XP Endo finisher file on organic tissue dissolution from artificial grooves in the apical third of root canals**  
KÜÇÜKKAYA EREN S., AKSEL H., ASKERBEYLİ ÖRS S., SERPER A.  
Clinical Dentistry and Research, vol.42, pp.57-63, 2018 (Peer-Reviewed Journal)
- IV. **Concentration and time-dependent effect of initial sodium hypochlorite on the ability of QMix and ethylenediaminetetraacetic acid to remove smear layer**  
AKSEL H., SERPER A.  
Journal of Conservative Dentistry, vol.20, no.3, pp.185, 2017 (Scopus)
- V. **A case series associated with different kinds of endo-perio lesions**  
AKSEL H., SERPER A.  
Journal of Clinical and Experimental Dentistry, vol.6, no.1, 2014 (Scopus)
- VI. **Comparison of the cytotoxic effects and smear layer removing capacity of oxidative potential water NaOCI and EDTA**  
SERPER A., Çalt S., DOĞAN A. L., GÜÇ D., ÖZÇELİK B., Kuraner T.  
J ORAL SCI, vol.4, no.43, pp.233, 2001 (Peer-Reviewed Journal)

## Papers Published in Refereed Scientific Meetings

- I. **Micro-CT Evaluation of the Removal of Different Root Canal Fillings Using Protaper Universal Retreatment System Supplemented by XP Endo Finisher File.**  
AKSEL H., KÜÇÜKKAYA EREN S., ASKERBEYLİ ÖRS S., SERPER A., OCAK M., ÇELİK H. H.  
AAE19 Annual Meeting Of The American Association Of Endodontists, 10 - 13 April 2019
- II. **Influence of different activation systems on apical extrusion of irrigant in open apex model**  
AKSEL H., KÜÇÜKKAYA EREN S., ASKERBEYLİ ÖRS S., ÖZTÜRK Ş., SERPER A.  
International Association of Paediatric Dentistry (IAPD) Regional Meeting and 25th Congress of Turkish Society of Paediatric Dentistry, 12 - 14 October 2018, pp.36
- III. **Perforasyon büyüklüğünün ve furkal lezyon varlığının mandibular molar dişlerin stres dağılımı üzerindeki etkisi: Sonlu elemanlar analizi**  
ASKERBEYLİ ÖRS S., AKSEL H., KÜÇÜKKAYA EREN S., SERPER A.  
TDB 24. Uluslararası Diş Hekimliği Kongresi, 27 - 30 September 2018, pp.101
- IV. **Effect of calcium hypochlorite irrigation on the fracture resistance of root canal-treated teeth**  
ASKERBEYLİ ÖRS S., KÜÇÜKKAYA EREN S., AKSEL H., SERPER A.  
18th European Society of Endodontology (ESE) Biennial Congress, 14 - 16 September 2017, pp.83-84
- V. **Açık apeksli diş modellerinde farklı irrigasyon sistemleri ile apikalden taşan irrigant miktarının spektrofotometrik olarak belirlenmesi**  
AKSEL H., KÜÇÜKKAYA EREN S., ASKERBEYLİ ÖRS S., ÖZTÜRK Ş., SERPER A.  
Türk Endodonti Derneği 7. Uluslararası Bilimsel Sempozyumu, 11 - 14 May 2017, pp.119-120
- VI. **Spectrophotometric determination of apically extruded irrigant using different irrigant activation systems in simulated open apex model.**  
AKSEL H., KÜÇÜKKAYA S., ASKERBEYLİ ÖRS S., ÖZTÜRK Ş., SERPER A.  
Türk Endodonti Derneği 7. Uluslararası Endodonti Sempozyumu, 11 - 14 May 2017
- VII. **Odonto/osteogenic and Angiogenic Differentiation of Human Dental Pulp Stem Cells in Engineered Tooth Model**  
AKSEL H., ÖZTÜRK Ş., SERPER A., ULUBAYRAM K.  
Amerikan Endodonti Derneği 2017 Yıllık Oturumu, 26 - 29 April 2017, vol.43, pp.1-50
- VIII. **Effect of placement techniques on the push out bond strength of calcium silicate based cements**  
KÜÇÜKKAYA S., AKSEL H., SERPER A.  
AAE16 annual meeting of the American Association of Endodontists, 6 - 09 April 2016, pp.13
- IX. **Comparison of triple antibiotic paste removal by different irrigation techniques**  
AKSEL H., KÜÇÜKKAYA S., SERPER A.  
AAE16 annual meeting of the American Association of Endodontists, 6 - 09 April 2016, pp.21
- X. **Effect of Different Placement Techniques on the Push Out Bond Strength of Calcium Silicate Based Cements**  
KÜÇÜKKAYA S., AKSEL H., SERPER A.  
American Association of Endodontics 2016 Annual Conference, 26 - 29 April 2016, vol.42, pp.1-50
- XI. **Vascular network formation by DPSCs after angiogenic differentiation**  
AKSEL H., FAZAL B., ADHAM A., SERPER A., GEORGE H.  
17th Biennial ESE Congress, 16 - 19 September 2015
- XII. **Vertical Root Fracture Resistance of Simulated Immature Permanent Teeth Filled with MTA with Different Vehicles**  
ASKERBEYLİ S., AKSEL H., DENİZ SUNGUR D., SERPER A.  
47th CED-IADR, 15 - 17 October 2015
- XIII. **Management of different failed endodontic treatment cases as a table clinic presentation**  
AKSEL H., SERPER A., ADHAM A.  
AAE 2015 Annual Congress, 6 - 09 May 2015
- XIV. **Evaluation of irrigant extrusion in simulated immature permanent teeth**  
AKSEL H., SEVİNÇ A., SERPER A.

- 18th World Congress on Dental Traumatology, 19 - 21 June 2014
- XV. **Management of Lateral Luxation Injuries at Different Levels of Severity**  
AKSEL H., SEVİNÇ A., SERPER A.  
18th World Congress on Dental Traumatology, 19 - 21 June 2014
- XVI. **Maxillary and mandibular molars with unusual root canal morphology A report of two cases**  
AKSEL H., SERPER A.  
AAE Annual Session 2014, 30 April - 03 May 2014
- XVII. **The effects of Qmix and EDTA on mineral content of root canal dentin with different concentrations and time exposures of initial sodium hypochlorite irrigation**  
AKSEL H., SERPER A.  
17th European Society of Endodontology (ESE) Congress, 12 - 14 September 2013
- XVIII. **Regenerative approaches in clinical endodontics**  
AKSEL H., SERPER A.  
New York Stem Cell Foundation 8th Annual Conference, 16 - 17 October 2013
- XIX. **A case series associated with endo perio lesions**  
AKSEL H., SERPER A.  
The 9th World Endodontic Congress (IFEA), 23 - 26 May 2013
- XX. **Mandibular first molar with medial root canals**  
AKSEL H., SERPER A.  
11th International Congress of the Turkish Endodontic Society., 27 - 28 April 2012

## Supported Projects

- SERPER A., KOÇAK Y., ASKERBEYLİ ÖRS S., OCAK M., Project Supported by Higher Education Institutions, FARKLI KÖK KANAL PREPARASYON ŞEKİLLERİNİN EĞİMLİ KÖKLERE SAHİP MANDİBULAR MOLAR DIŞLERİN STRES DAĞILIMI ÜZERİNDEKİ ETKİSİ: SONLU ELEMANLAR ANALİZİ, 2018 - 2020
- SERPER A., EYMİRLİ A., UZUNOĞLU E., Project Supported by Higher Education Institutions, Oval kök kanallarında kırılan farklı nikelitanyum eğelerin apikal uçluda dentin tubüllerine penetre olan pat miktarına etkisi konfokal çalışması, 2018 - 2019
- AKSEL H., KÜÇÜKKAYA EREN S., ASKERBEYLİ ÖRS S., SERPER A., ÇELİK H. H., OCAK M., Project Supported by Higher Education Institutions, Farklı Kök Kanal Dolgularının XP Endo Finisher Kullanılarak Ek Aktif İrrigasyon ile Uzaklaştırılması, 2017 - 2018
- ASKERBEYLİ ÖRS S., AKSEL H., KÜÇÜKKAYA EREN S., SERPER A., Project Supported by Higher Education Institutions, Setrimid katkısının kalsiyum hipoklorit irrigant solüsyonlarının kimyasal ve fiziksel özelliklerine ve kök dentinine etkisi, 2017 - 2018
- ASKERBEYLİ ÖRS S., KÜÇÜKKAYA EREN S., AKSEL H., SERPER A., Project Supported by Higher Education Institutions, Kalsiyum hipoklorit irrigant solüsyonlarının kök kırılma dayanımına etkisi, 2017 - 2018
- SERPER A., Project Supported by Higher Education Institutions, ENDODONTİDE LOOP KULLANIMININ GİRİŞ KAVİTESİ PREPARASYONUNA ETKİSİ, 2016 - 2017
- AKSEL H., KÜÇÜKKAYA S., SERPER A., Project Supported by Higher Education Institutions, Farklı İrrigasyon Tekniklerinin Kök Kanal Dolgu Patının Dentin Tübüllerine Penetrasyonuna Etkisinin Karşılaştırılması, 2016 - 2017
- SERPER A., AKSEL H., ASKERBEYLİ ÖRS S., KÜÇÜKKAYA EREN S., Project Supported by Higher Education Institutions, ENDODONTİK TEDAVİ GÖRMÜŞ FURKAL PERFORASYONLU DIŞLERDE LEZYON VARLIĞINDA VE YOKLUĞUNDA OKLUZAL YÜKLER ALTINDAKİ BİYOMEKANİK ETKİNİN SESA İLE DEĞERLENDİRİLMESİ, 2016 - 2017
- SERPER A., Project Supported by Higher Education Institutions, AAE 2016 ENDODONTİ KONGRESİ - NİSAN 6-9 2016 SAN FRANCISCO - AMERİKA, 2016 - 2016
- KÜÇÜKKAYA EREN S., SERPER A., AKSEL H., Project Supported by Higher Education Institutions, Farklı yerleştirme tekniklerinin kalsiyum silikat esash simanların itme bağlanma dayanımı üzerine etkisi, 2016 - 2016
- AKSEL H., KÜÇÜKKAYA S., SERPER A., Project Supported by Higher Education Institutions, Üçlü Antibiyotik Patının Kök Kanallarından Uzaklaştırılmasında Farklı İrrigasyon Tekniklerinin Karşılaştırılması, 2016 - 2016

ASLANTAŞ E. E., AKSEL H., ULUBAYRAM K., SERPER A., ÖZTÜRK Ş., Project Supported by Higher Education Institutions, VEGF ve BMP-2 yüklü HA/TCP silindir taşıyıcı matrislerin DPSC'lerin farklılaşması üzerine etkisi, 2015 - 2016

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Publication: 67

Citation (WoS): 1278

Citation (Scopus): 1707

H-Index (WoS): 20

H-Index (Scopus): 23