

## MD HACER AKSEL

### Personal Information

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### Education Information

Doctorate, Hacettepe Üniversitesi, Diş Hekimliği Fakültesi, Endodonti, Turkey 2010 - 2016

Under Graduate, Marmara Üniversitesi, Dişhekimliği Fakültesi, Dişhekimliği, Turkey 2000 - 2006

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Hidrojel doku iskeleleri kullanılarak kök hücre aracılı diş pulpa rejenerasyonu, Hacettepe Üniversitesi, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 2016

### Research Areas

Health Sciences, Dentistry, Clinical Sciences, Endodontics

### Academic Titles / Tasks

Research Assistant, Hacettepe Üniversitesi, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 2010 - Continues

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Effect of benzalkonium chloride addition to EDTA on attachment and proliferation of dental pulp stem cells on dentin and on transforming growth factor-beta 1 release**  
Eren S., Zirh E. B., Zeybek N. D., Ors S. A., Aksel H., Parashos P.  
ODONTOLOGY, 2020 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- III. **Effect of ultrasonic activation on dentinal tubule penetration of calcium silicate-based cements**  
AKSEL H., Arslan E., PURALI N., Uyanik O., Nagas E.  
MICROSCOPY RESEARCH AND TECHNIQUE, vol.82, no.5, pp.624-629, 2019 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI)

- V. **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 (Journal Indexed in SCI)
- VI. **Surface and vertical dimensional changes of mineral trioxide aggregate and biodentine in different environmental conditions**  
AKSEL H., Küçükkaya E., Askerbeyli Ö., KARAISMAILOĞLU E.  
JOURNAL OF APPLIED ORAL SCIENCE, vol.27, 2019 (Journal Indexed in SCI)
- VII. **Effect of Various Bleaching Agents on the Surface Composition and Bond Strength of a Calcium Silicate-based Cement**  
EREN S., AKSEL H., Uyanik O., Nagas E.  
OPERATIVE DENTISTRY, vol.43, no.6, pp.613-618, 2018 (Journal Indexed in SCI)
- VIII. **VEGF/BMP-2 loaded three-dimensional model for enhanced angiogenic and odontogenic potential of dental pulp stem cells**  
AKSEL H., ÖZTÜRK S., SERPER A., ULUBAYRAM K.  
INTERNATIONAL ENDODONTIC JOURNAL, vol.51, no.4, pp.420-430, 2018 (Journal Indexed in SCI)
- IX. **Comparison of sodium hypochlorite extrusion by five irrigation systems using an artificial root socket model and a quantitative chemical method**  
Azim A. A. , Aksel H., Jefferson M. M. , Huang G. T. -.  
CLINICAL ORAL INVESTIGATIONS, vol.22, no.2, pp.1055-1061, 2018 (Journal Indexed in SCI)
- X. **A Miniature Swine Model for Stem Cell-Based De Novo Regeneration of Dental Pulp and Dentin-Like Tissue**  
Zhu X., Liu J., Yu Z., Chen C., Aksel H., Azim A. A. , Huang G. T. -.  
TISSUE ENGINEERING PART C-METHODS, vol.24, no.2, pp.108-120, 2018 (Journal Indexed in SCI)
- XI. **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 (Journal Indexed in SCI)
- XII. **Combined Effects of Vascular Endothelial Growth Factor and Bone Morphogenetic Protein 2 on Odonto/Osteogenic Differentiation of Human Dental Pulp Stem Cells In Vitro**  
Aksel H., HUANG G. T. -.  
JOURNAL OF ENDODONTICS, vol.43, no.6, pp.930-935, 2017 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)
- XV. **A novel model for testing the efficiency of removal of calcium hydroxide from complex root canal anatomies**  
EREN S. K. , AKSEL H., Parashos P.  
AUSTRALIAN ENDODONTIC JOURNAL, vol.43, no.1, pp.5-10, 2017 (Journal Indexed in SCI)
- XVI. **Effect of a Low Surface Tension Vehicle on the Dentinal Tubule Penetration of Calcium Hydroxide and Triple Antibiotic Paste**  
SUNGUR D. D. , AKSEL H., PURALI N.  
JOURNAL OF ENDODONTICS, vol.43, no.3, pp.452-455, 2017 (Journal Indexed in SCI)
- XVII. **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 (Journal Indexed in SCI)

- XVIII. **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 (Journal Indexed in SCI)
- XIX. **Efficacy of 4 Irrigation Protocols in Killing Bacteria Colonized in Dentinal Tubules Examined by a Novel Confocal Laser Scanning Microscope Analysis**  
AZIM A. A. , Aksel H., ZHUANG T., MASHTARE T., BABU J. P. , HUANG G. T.  
JOURNAL OF ENDODONTICS, vol.42, no.6, pp.928-934, 2016 (Journal Indexed in SCI)
- XX. **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 (Journal Indexed in SCI)
- XXI. **Recent considerations in regenerative endodontic treatment approaches**  
AKSEL H., SERPER A.  
JOURNAL OF DENTAL SCIENCES, vol.9, no.3, pp.207-213, 2014 (Journal Indexed in SCI)
- XXII. **Mandibular first molars with a medial root canal**  
AKSEL H., SERPER A.  
JOURNAL OF DENTAL SCIENCES, vol.8, no.2, pp.205-206, 2013 (Journal Indexed in SCI)

### Articles Published in Other Journals

- I. **Long-Term Release Profiles of Growth Factors From DPSCs on Demineralized Dentin Under Osteogenic Environment and Their Effects on Odontogenic Differentiation**  
ÖZTÜRK Ş., AKSEL H., ASLANTAŞ E. E. , ULUBAYRAM K.  
Hacettepe University Journal of the Faculty of Pharmacy, vol.40, no.1, pp.11-19, 2020 (Refereed Journals of Other Institutions)
- II. **Cyclic fatigue resistance of XP Shaper and Hyflex EDM after exposure to sodium hypochlorite or RC Prep**  
AKSEL H., KELEŞ A., ASKERBEYLİ ÖRS S., KÜÇÜKKAYA EREN S.  
Clinical Dentistry and Research, vol.43, no.3, pp.93-99, 2019 (Other Refereed National Journals)
- III. **Tannik asitle irrigasyonun kök kanal dentininin mikrosertliğine ve epoksi rezin esaslı patın bağlanma dayanımına etkisi**  
ASKERBEYLİ ÖRS S., AKSEL H., KÜÇÜKKAYA EREN S., ZEYBEK N. D.  
Selcuk Dental Journal, vol.6, pp.148-154, 2019 (Other Refereed National Journals)
- IV. **Effect of Coronal Barrier Thickness on Fracture Strength of Immature Teeth**  
KÜÇÜKKAYA EREN S., ASKERBEYLİ ÖRS S., AKSEL H.  
Cumhuriyet Dental Journal, vol.21, pp.256-262, 2018 (Other Refereed National Journals)
- V. **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 (Other Refereed National Journals)
- VI. **Effect of the removal of triple antibiotic paste by different irrigation techniques on tooth discoloration**  
KÜÇÜKKAYA EREN S., AKSEL H., ERTAN A. A.  
Clinical Dentistry and Research, vol.42, pp.29-35, 2018 (Other Refereed National Journals)
- VII. **Pulpa Canlılığının Yeniden Kazandırılmasında (Pulpa Rejenerasyonunda) Kullanılan Doku İskeleleri-Scaffold Choices for Dental Pulp Regeneration**  
ERİŞKEN C., AKSEL H.  
Turkiye Klinikleri J Endod-Special Topics, vol.3, no.3, pp.187-196, 2017 (Other Refereed National Journals)
- VIII. **Color Changes of Teeth After Using Doxyxyclyne versus minocycline as Intracanal Medicament**  
DENİZ SUNGUR D., AKSEL H., YILMAZ Z.

- Clinical Dentistry and Research, vol.41, no.2, pp.57-62, 2017 (Other Refereed National Journals)
- IX. **Color Changes of Teeth after using Doxycycline versus Minocycline as Intracanal Medicament**  
DENİZ SUNGUR D., AKSEL H., YILMAZ Z.  
Clinical Dentistry and Research, vol.41, no.2, pp.57-62, 2017 (Other Refereed National Journals)
- X. **Vertical root fracture resistance of simulated immature permanent teeth filled with MTA using different vehicles**  
AKSEL H., ASKERBEYLİ ÖRS S., DENİZ SUNGUR D.  
journal of clinical and experimental dentistry, vol.9, no.2, pp.178-181, 2017 (Refereed Journals of Other Institutions)
- XI. **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 (Refereed Journals of Other Institutions)
- XII. **The undesirable outcomes of late referral traumatized immature permanent teeth and root end closure with mineral trioxide aggregate apical plug technique**  
AKSEL H.  
Journal of Interdisciplinary Dentistry, vol.6, no.1, pp.29, 2016 (Refereed Journals of Other Institutions)
- XIII. **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 (Refereed Journals of Other Institutions)

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

- I. **Dental pulp stem cells: Isolation, culture methods and effects of surfactant addition to EDTA**  
KÜÇÜKKAYA EREN S., BAHADOR ZIRH E., ZEYBEK N. D., ASKERBEYLİ ÖRS S., AKSEL H., PARASHOS P.  
European Society of Endodontology Congress (ESE), 11 - 14 September 2019
- II. **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
- III. **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
- IV. **Effects of root canal irrigants on the color stability, solubility and surface characteristics of calcium-silicate based biomaterials**  
KÜÇÜKKAYA EREN S., ASKERBEYLİ ÖRS S., KARASAN D., AKSEL H., CANAY R. Ş.  
International Association of Paediatric Dentistry (IAPD) Regional Meeting and 25th Congress of Turkish Society of Paediatric Dentistry, 12 - 14 October 2018, pp.34
- V. **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
- VI. **Kloroformun farklı retreatment eğe sistemlerinin döngüsel yorgunluk direncine etkisi**  
KELEŞ A., KÜÇÜKKAYA EREN S., AKSEL H., ASKERBEYLİ ÖRS S.  
Türk Endodonti Derneği 8. Uluslararası Endodonti Sempozyumu, 10 - 13 May 2018, pp.63-64
- VII. **Biological impact of dentine conditioning by various chelating agents on the viability of dental pulp stem cells**  
AKSEL H., DENİZ SUNGUR D., ÖZTÜRK Ş., YILMAZ Z., ULUBAYRAM K.  
18. Avrupa Endodonti Derneği Yıllık Kongresi, United States Of America, 14 - 16 September 2017, vol.50, pp.3-56

- VIII. **Effect of Ultrasonic Activation on the Penetration of Calcium Silicate-Based Cements Using an Open Apex Model**  
AYHAN E., AKSEL H., PURALI N., NAGAŞ Z. E.  
18. Avrupa Endodonti Derneği Yıllık Kongresi, 14 - 16 September 2017
- IX. **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
- X. **Surface roughness of MTA and Biodentine in several environmental conditions**  
AKSEL H., KÜÇÜKKAYA EREN S., ASKERBEYLİ ÖRS S., KARAIŞMAİLOĞLU E.  
18th Biennial European Society of Endodontology Congress, 14 - 16 September 2017, pp.33-34
- XI. **Effects of various bleaching agents on shear bond strength of Biodentine to composite resin**  
KÜÇÜKKAYA S., AKSEL H., UYANIK M. Ö. , NAGAŞ Z. E.  
Türk Endodonti Derneği 7. Uluslararası Endodonti Sempozyumu, 11 - 14 May 2017
- XII. **Biodentine'in kompozit rezine olan bağlanma dayanımına farklı beyazlatma ajanlarının etkisi**  
KÜÇÜKKAYA EREN S., AKSEL H., UYANIK M. Ö. , NAGAŞ Z. E.  
Türk Endodonti Derneği 7. Uluslararası Bilimsel Sempozyumu, 11 - 14 May 2017, pp.88-89
- XIII. **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
- XIV. **Effect of Benzalkonium Chlorid on dentin microhardness. 7th International Endodontic Symposium**  
ASLANTAŞ E. E. , AKSEL H., DOĞAN BUZOĞLU H.  
Türk Endodonti Derneği 7. Uluslararası Endodonti Sempozyumu, 11 - 14 May 2017
- XV. **Dental pulp stem cells differentiation by endogenous release of VEGF and BMP-2**  
ÖZTÜRK Ş., AKSEL H., ASLANTAŞ E. E. , ULUBAYRAM K.  
BIOMED 2017: 22nd International Biomedical Science and Technology Symposium, 12 - 14 May 2017
- XVI. **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
- XVII. **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
- XVIII. **Tannik asit kullanımının epoksi rezin esaslı patların bağlanma dayanımına etkisi**  
ASKERBEYLİ S., AKSEL H., KÜÇÜKKAYA S., ZEYBEK N. D.  
Türk Endodonti Derneği 13. Uluslararası Bilimsel Kongresi, 26 - 29 May 2016, pp.96-97
- XIX. **Effect of a low surface tension vehicle on the dentinal tubule penetration of Calcium Hydroxide and Triple Antibiotic Paste**  
DENİZ SUNGUR D., AKSEL H.  
Türk Endodonti Derneği 13. Uluslararası Bilimsel Kongresi, 26 - 29 May 2016
- XX. **Interaction for in vitro osteo odontogenic differentiation of dental pulp stem cells**  
AKSEL H., zhang j., bhatti f., azim A., George TJ h.  
Türk Endodonti Derneği 13. Uluslararası Bilimsel Kongresi, 26 - 29 May 2016
- XXI. **Effect of tannic acid on push out bond strength of epoxy resin based sealers**  
ASKERBEYLİ S., AKSEL H., KÜÇÜKKAYA S., ZEYBEK N. D.  
Türk Endodonti Derneği 13. Uluslararası Bilimsel Kongresi, 26 - 29 May 2016
- XXII. **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
- XXIII. **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
- XXIV. **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
- XXV. **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
- XXVI. **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
- XXVII. **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
- XXVIII. **The effect of doxycycline on tooth discoloration in regenerative endodontics**  
DENİZ SUNGUR D., AKSEL H., YILMAZ Z.  
18th World Congress on Dental Traumatology 2014, 19 - 21 June 2014
- XXIX. **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
- XXX. **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
- XXXI. **Use of Mineral Trioxide Aggregate in the Treatment of Different Endodontic Problems**  
AKSEL H., İŞİK M., EYMİRLİ A., YILMAZ Z.  
18th World Congress on Dental Traumatology, 19 - 21 June 2014
- XXXII. **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
- XXXIII. **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
- XXXIV. **Regenerative approaches in clinical endodontics**  
AKSEL H., SERPER A.  
New York Stem Cell Foundation 8th Annual Conference, 16 - 17 October 2013
- XXXV. **A case series associated with endo perio lesions**  
AKSEL H., SERPER A.  
The 9th World Endodontic Congress (IFEA), 23 - 26 May 2013
- XXXVI. **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**

KÜÇÜKKAYA EREN S., ZEYBEK N. D., ASKERBEYLİ ÖRS S., AKSEL H., BAHADOR ZIRH E., Project Supported by Higher Education Institutions, EDTA Solusyonuna Surfaktan Eklenmesinin Diş Pulpa Kök Hücrelerinin Canlılığına Dentine Tutunmasına ve Dentinden Büyüme Faktörü Salınımına Etkisi, 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

NAGAŞ Z. E. , AYHAN E., AKSEL H., PURALI N., Project Supported by Higher Education Institutions, Açık Apeksli Dişlerde Ultrasonik Aktivasyonun Kalsiyum Silikat Esaslı Simanların Penetrasyonuna 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

DENİZ SUNGUR D., AKSEL H., ULUBAYRAM K., Öztürk Ş., YILMAZ Z., Project Supported by Higher Education Institutions, Farklı Şelatörlerle Muamele Edilmiş Dentin Yüzeyinin Diş Pulpa Kök Hücrelerinin Canlılığı ve Farklılaşmasına Etkisi, 2017 - 2018

AKSEL H., Project Supported by Higher Education Institutions, 18. Bienal Avrupa Endodonti Birliği (ESE) Kongresi, 2017 - 2017

AKSEL H., Project Supported by Higher Education Institutions, Geliştirilmiş Diş Modeli Üzerinde İnsan Diş Pulpa Kök Hücrelerinin Odonto/osteogenik ve Anjiojenik Farklılaşması, 2017 - 2017

AKSEL H., Project Supported by Higher Education Institutions, Türk Endodonti Derneği 7. Uluslararası Bilimsel Endodonti Sempozyumu, 2017 - 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

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

KÜÇÜKKAYA EREN S., SERPER A., AKSEL H., Project Supported by Higher Education Institutions, Farklı yerleştirme tekniklerinin kalsiyum silikat esaslı 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

ASKERBEYLİ ÖRS S., AKSEL H., SERPER A., DENİZ SUNGUR D., Project Supported by Higher Education Institutions, Simüle edilmiş kök gelişimi tamamlanmamış daimi dişlerde mineral trioksit agregat taşıyıcılarının kırılma dayanımına etkisi, 2015 - 2016

AKSEL H., SERPER A., Project Supported by Higher Education Institutions, Anjiojenik farklılaşma ile DPSC'ler tarafından damarsal ağ oluşumu, 2015 - 2016

AKSEL H., Project Supported by Higher Education Institutions, Farklı tipte başarısız kök kanal tedavili vakaların yönetimi, 2015 - 2016

SERPER A., AKSEL H., Project Supported by Higher Education Institutions, Hidrojel Doku İskeleleri Kullanılarak Kök Hücre Aracılı Diş Pulpa Rejenerasyonu, 2013 - 2016

AKSEL H., TÜBİTAK Project, 2214 A Yurt Dışı Araştırma Burs Programı Doktora öğrencileri için 2014 1, 2014 - 2015

## Citations

Total Citations (WOS):113

h-index (WOS):6