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Education Information

Doctorate, Ataturk University, Diş Hekimliği Fakültesi, Endodonti, Turkey 2006 - 2012

Undergraduate, Ataturk University, Diş Hekimliği Fakültesi, Turkey 2001 - 2006

Dissertations

Doctorate, DEĞİŞİK YIKAMA SOLÜSYONLARININ VE LAZER SİSTEMLERİNİN DEBRİSİ VE SMEAR TABAKASINI ULAŞTIRMADAKİ ETKİNLİKLERİNİN İNCELENMESİ, Atatürk Üniversitesi, Diş Hekimliği Fakültesi, 2012

Research Areas

Health Sciences, Dentistry, Clinical Sciences, Endodontics

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Influence of canal curvature on the amount of apically extruded debris determined by using three-dimensional determination method**
KARATAŞLIOĞLU E., ARSLAN H., Er G., Avci E.
AUSTRALIAN ENDODONTIC JOURNAL, vol.45, no.2, pp.216-224, 2019 (SCI-Expanded)
- II. **Regenerative Endodontic Procedures in Necrotic Mature Teeth with Periapical Radiolucencies: A Preliminary Randomized Clinical Study**
Arslan H., Ahmed H. M. A., Sahin Y., YILDIZ E. D., GÜNDOĞDU E. C., Guven Y., Khalilov R.
JOURNAL OF ENDODONTICS, vol.45, no.7, pp.863-872, 2019 (SCI-Expanded)
- III. **Acupuncture reduces the postoperative pain in teeth with symptomatic apical periodontitis: a preliminary randomized placebo-controlled prospective clinical trial**
Arslan H., Ahmed H. M. A., YILDIZ E. D., GÜNDOĞDU E. C., Seckin F., ARSLAN S.
QUINTESENCE INTERNATIONAL, vol.50, no.4, pp.270-277, 2019 (SCI-Expanded)
- IV. **The effect of photobiomodulation on total amount of substance P in gingival crevicular fluid: placebo-controlled randomized clinical trial**
YILDIZ E. D., ARSLAN H., Koseoglu S., ARABACI T., Yildiz D. A., Savran L.
LASERS IN MEDICAL SCIENCE, vol.34, no.3, pp.517-523, 2019 (SCI-Expanded)
- V. **Effect of Low-level Laser Therapy on Postoperative Pain in Molars with Symptomatic Apical Periodontitis: A Randomized Placebo-controlled Clinical Trial**
YILDIZ E. D., ARSLAN H.
JOURNAL OF ENDODONTICS, vol.44, no.11, pp.1610-1615, 2018 (SCI-Expanded)
- VI. **The Effect of Different Irrigation Agitation Techniques on Postoperative Pain in Mandibular Molar Teeth with Symptomatic Irreversible Pulpitis: A Randomized Clinical Trial**
TOPÇUOĞLU H. S., Topcuoglu G., ARSLAN H.

JOURNAL OF ENDODONTICS, vol.44, no.10, pp.1451-1456, 2018 (SCI-Expanded)

- VII. **Cyclic fatigue resistance of new reciprocating glide path files in 45- and 60-degree curved canals.**
TOPÇUOĞLU H., TOPÇUOĞLU G., KAFDAĞ Ö., Arslan H.
International endodontic journal, vol.51, pp.1053-1058, 2018 (SCI-Expanded)
- VIII. **The Effect of Apical Positive and Negative Pressure Irrigation Methods on Postoperative Pain in Mandibular Molar Teeth with Symptomatic Irreversible Pulpitis: A Randomized Clinical Trial**
Topcuoklu H. S., Topcuoglu G., ARSLAN H.
JOURNAL OF ENDODONTICS, vol.44, no.8, pp.1210-1215, 2018 (SCI-Expanded)
- IX. **Effects of Various Cryotherapy Applications on Postoperative Pain in Molar Teeth with Symptomatic Apical Periodontitis: A Preliminary Randomized Prospective Clinical Trial**
GÜNDOĞDU E. C., ARSLAN H.
JOURNAL OF ENDODONTICS, vol.44, no.3, pp.349-354, 2018 (SCI-Expanded)
- X. **Effect of intracanal diode laser application and low-level laser therapy on CGRP change**
ARSLAN H., Koseoglu S., Doganay Yildiz E., ARABACI T., Savran L., Yildiz D. A., Veyisoglu G.
BRAZILIAN ORAL RESEARCH, vol.32, 2018 (SCI-Expanded)
- XI. **Effect of Low-level Laser Therapy on Postoperative Pain after Root Canal Retreatment: A Preliminary Placebo-controlled, Triple-blind, Randomized Clinical Trial**
ARSLAN H., DOĞANAY E., KARATAŞ E., Unlu M. A., Ahmed H. M. A.
JOURNAL OF ENDODONTICS, vol.43, no.11, pp.1765-1769, 2017 (SCI-Expanded)
- XII. **Effect of the Simultaneous Working Length Control during Root Canal Preparation on Postoperative Pain**
Arslan H., Guven Y., KARATAŞ E., Doganay E.
JOURNAL OF ENDODONTICS, vol.43, no.9, pp.1422-1427, 2017 (SCI-Expanded)
- XIII. **Effect of photon-initiated photoacoustic streaming, passive ultrasonic, and sonic irrigation techniques on dentinal tubule penetration of irrigation solution: a confocal microscopic study**
Akçay M., ARSLAN H., Mese M., Durmus N., Capar I. D.
CLINICAL ORAL INVESTIGATIONS, vol.21, no.7, pp.2205-2212, 2017 (SCI-Expanded)
- XIV. **Efficacy of XP-endo finisher and TRUShape 3D conforming file compared to conventional and ultrasonic irrigation in removing calcium hydroxide**
Uygun A. D., GÜNDOĞDU E. C., ARSLAN H., Ersoy I.
AUSTRALIAN ENDODONTIC JOURNAL, vol.43, no.2, pp.89-93, 2017 (SCI-Expanded)
- XV. **The effect of various occlusal reduction levels on postoperative pain in teeth with symptomatic apical periodontitis using computerized analysis: a prospective, randomized, double-blind study**
Arslan H., SECKIN F., Kurklu D., KARATAŞ E., YANIKOĞLU N., Capar I. D.
CLINICAL ORAL INVESTIGATIONS, vol.21, no.3, pp.857-863, 2017 (SCI-Expanded)
- XVI. **Apical transportation of ProGlider and ProTaper Next activated with different motions.**
Arslan H., KIRICI D., UYGUN A. D., KHALILOV R., Güven Y., Karataş E., Aladağ H.
The International journal of artificial organs, vol.39, pp.625-628, 2017 (SCI-Expanded)
- XVII. **Influence of ultrasonic and sonic activation of epoxy-amine resin-based sealer on penetration of sealer into lateral canals**
Arslan H., ABBAS A., KARATAŞ E.
CLINICAL ORAL INVESTIGATIONS, vol.20, no.8, pp.2161-2164, 2016 (SCI-Expanded)
- XVIII. **Fracture Resistance of Endodontically Retreated Roots After Retreatment Using Self-Adjusting File, Passive Ultrasonic Irrigation, Photon-Induced Photoacoustic Streaming, or Laser**
KAMALAK A., UZUN İ., ARSLAN H., KELEŞ A., DOĞANAY E., KESKİN C., Akçay M.
PHOTOMEDICINE AND LASER SURGERY, vol.34, no.10, pp.467-472, 2016 (SCI-Expanded)
- XIX. **The effect of various kinematics on postoperative pain after instrumentation: a prospective, randomized clinical study**
Arslan H., KHALILOV R., Doganay E., KARATAŞ E.
JOURNAL OF APPLIED ORAL SCIENCE, vol.24, no.5, pp.503-508, 2016 (SCI-Expanded)
- XX. **The Effect of Diode Laser With Different Parameters on Root Fracture During Irrigation Procedure**

- KARATAŞ E., Arslan H., TOPÇUOĞLU H. S., Yilmaz C. B., YETER K. Y., AYRANCI L. B.
ARTIFICIAL ORGANS, vol.40, no.6, pp.604-609, 2016 (SCI-Expanded)
- XXI. **The effect of chloroform, orange oil and eucalyptol on root canal transportation in endodontic retreatment**
KARATAŞ E., KOL E., Bayrakdar I. S., Arslan H.
AUSTRALIAN ENDODONTIC JOURNAL, vol.42, no.1, pp.37-40, 2016 (SCI-Expanded)
- XXII. **Cyclic fatigue analysis of Reciproc R25® instruments with different kinematics.**
Arslan H., ALSANCAK M., Doganay E., KARATAŞ E., Capar I. D., Ertas H.
Australian endodontic journal : the journal of the Australian Society of Endodontology Inc, vol.42, no.1, pp.22-4, 2016 (SCI-Expanded)
- XXIII. **Apically extruded debris during root canal preparation using ProTaper Gold, ProTaper Universal, ProTaper Next, and RECIPROC instruments**
ÇAKICI F., ÇAKICI E. B., Kucukkekenci F. F., UYGUN A. D., ARSLAN H.
INTERNATIONAL JOURNAL OF ARTIFICIAL ORGANS, vol.39, no.3, pp.128-131, 2016 (SCI-Expanded)
- XXIV. **Effect of novel restorative materials and retention slots on fracture resistance of endodontically-treated teeth**
YAŞA B., ARSLAN H., Yasa E., Akcay M., Hatirli H.
ACTA ODONTOLOGICA SCANDINAVICA, vol.74, no.2, pp.96-102, 2016 (SCI-Expanded)
- XXV. **Effect of Different Torque Settings on Crack Formation in Root Dentin**
Dane A., Capal I. D., ARSLAN H., Akcay M., Uysal B.
JOURNAL OF ENDODONTICS, vol.42, no.2, pp.304-306, 2016 (SCI-Expanded)
- XXVI. **Dentinal Tubule Penetration of AH Plus, iRoot SP, MTA Fillapex, and GuttaFlow Bioseal Root Canal Sealers After Different Final Irrigation Procedures: A Confocal Microscopic Study**
Akcay M., ARSLAN H., Durmus N., Mese M., ÇAPAR İ. D.
LASERS IN SURGERY AND MEDICINE, vol.48, no.1, pp.70-76, 2016 (SCI-Expanded)
- XXVII. **Evaluating root canal configuration of mandibular incisors with cone-beam computed tomography in a Turkish population**
ARSLAN H., Ertas H., TARIM ERTAŞ E., KALABALIK F., Saygili G., Capar I. D.
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- XXVIII. **Micro push-out bond strength of resin cement in roots exhibiting the butterfly effect.**
Arslan H., Uygun A. D., GUNDUZ H. A., KARATAŞ E., Cakici F., ALSANCAK M.
Scanning, vol.37, no.6, pp.406-8, 2015 (SCI-Expanded)
- XXIX. **Effect of PIPS technique at different power settings on irrigating solution extrusion**
ARSLAN H., Akcay M., Ertas H., Capar I. D., Saygili G., Mese M.
LASERS IN MEDICAL SCIENCE, vol.30, no.6, pp.1641-1645, 2015 (SCI-Expanded)
- XXX. **Effects of root canal preparation, various filling techniques and retreatment after filling on vertical root fracture and crack formation**
ÇAPAR İ. D., Saygili G., Ergun H., GÖK T., ARSLAN H., ERTAŞ H.
DENTAL TRAUMATOLOGY, vol.31, no.4, pp.302-307, 2015 (SCI-Expanded)
- XXXI. **Bond strength of self-adhesive resin cement to root dentin. Comparison of photon-initiated photoacoustic streaming technique with needle and ultrasonic irrigation**
ARSLAN H., Akcay M., Saygili G., Keski A., Mese I. T., Gok A., Dalli M.
ACTA ODONTOLOGICA SCANDINAVICA, vol.73, no.5, pp.348-352, 2015 (SCI-Expanded)
- XXXII. **Incidence of Dentinal Cracks after Root Canal Preparation with Twisted File Adaptive Instruments Using Different Kinematics.**
KARATAŞ E., Arslan H., ALSANCAK M., KIRICI D. O., ERSOY I.
Journal of endodontics, vol.41, no.7, pp.1130-3, 2015 (SCI-Expanded)
- XXXIII. **Comparison of bleaching efficacy of two bleaching agents on teeth discoloured by different antibiotic combinations used in revascularization**
YAŞA B., ARSLAN H., Akcay M., KAVRIK F., Hatirli H., Ozkan B.
CLINICAL ORAL INVESTIGATIONS, vol.19, no.6, pp.1437-1442, 2015 (SCI-Expanded)

- XXXIV. **The effect of photon-initiated photoacoustic streaming, ultrasonically and sonically irrigation techniques on the push-out bond strength of a resin sealer to the root dentin**
Akçay M., ARSLAN H., Mese M., Sahin N. N.
CLINICAL ORAL INVESTIGATIONS, vol.19, no.5, pp.1055-1061, 2015 (SCI-Expanded)
- XXXV. **Build-Up of a Resin Composite Core in a Fiber-Reinforced Post by a 2.78 μ m-Pulsed Laser Treatment**
Barutçigil C., BARUTÇİGİL K., YAŞA B., ARSLAN H., Akçay M.
JOURNAL OF LASER MICRO NANOENGINEERING, vol.10, no.2, pp.166-170, 2015 (SCI-Expanded)
- XXXVI. **A Retrospective Comparative Study of Cone-beam Computed Tomography versus Rendered Panoramic Images in Identifying the Presence, Types, and Characteristics of Dens Invaginatus in a Turkish Population**
Çapal I. D., ERTAŞ H., ARSLAN H., TARIM ERTAŞ E.
JOURNAL OF ENDODONTICS, vol.41, no.4, pp.473-478, 2015 (SCI-Expanded)
- XXXVII. **Fracture Resistance of Endodontically Treated Roots with Oval Canals Restored with Oval and Circular Posts**
UZUN İ., ARSLAN H., DOĞANAY E., Guler B., KESKİN C., ÇAPAR İ. D.
JOURNAL OF ENDODONTICS, vol.41, no.4, pp.539-543, 2015 (SCI-Expanded)
- XXXVIII. **Comparison of bond strength of self-etch adhesive to pulp chamber dentin after placement of calcium hydroxide and various antibiotic pastes**
ARSLAN H., Akçay M., Cakir M., Gok A., YAŞA B., Dalli M.
ACTA ODONTOLOGICA SCANDINAVICA, vol.73, no.3, pp.226-231, 2015 (SCI-Expanded)
- XXXIX. **Comparison of cyclic fatigue resistance of novel nickel-titanium rotary instruments**
ÇAPAR İ. D., ERTAŞ H., ARSLAN H.
AUSTRALIAN ENDODONTIC JOURNAL, vol.41, no.1, pp.24-28, 2015 (SCI-Expanded)
- XL. **Evaluation of instrumentation systems in reducing E. faecalis from root canals: TF adaptive and ProTaper next versus single file systems**
KARATAŞ E., Gultekin E., Arslan H., Kirici D. O., Alsancak M., Topcu M. C.
INTERNATIONAL JOURNAL OF ARTIFICIAL ORGANS, vol.38, no.3, pp.161-164, 2015 (SCI-Expanded)
- XLI. **Bleaching effect of activation of hydrogen peroxide using photon-initiated photoacoustic streaming technique**
ARSLAN H., Akçay M., YAŞA B., Hatirli H., Saygili G.
CLINICAL ORAL INVESTIGATIONS, vol.19, no.2, pp.253-259, 2015 (SCI-Expanded)
- XLII. **Effect of the Size of the Apical Enlargement with Rotary Instruments, Single-cone Filling, Post Space Preparation with Drills, Fiber Post Removal, and Root Canal Filling Removal on Apical Crack Initiation and Propagation**
ÇAPAR İ. D., Uysal B., Ok E., ARSLAN H.
JOURNAL OF ENDODONTICS, vol.41, no.2, pp.253-256, 2015 (SCI-Expanded)
- XLIII. **Removal of Filling Materials from Oval-shaped Canals Using Laser Irradiation: A Micro-computed Tomographic Study**
Keles A., ARSLAN H., Kamalak A., Akçay M., Sousa-Neto M. D., Versiani M. A.
JOURNAL OF ENDODONTICS, vol.41, no.2, pp.219-224, 2015 (SCI-Expanded)
- XLIV. **Dentinal Crack Formation during Root Canal Preparations by the Twisted File Adaptive, ProTaper Next, ProTaper Universal, and WaveOne Instruments**
KARATAŞ E., GUNDUZ H. A., KIRICI D. O., Arslan H., Topcu M. C., YETER K. Y.
JOURNAL OF ENDODONTICS, vol.41, no.2, pp.261-264, 2015 (SCI-Expanded)
- XLV. **The Effect of Medicaments Used in Endodontic Regeneration Technique on the Dislocation Resistance of Mineral Trioxide Aggregate to Root Canal Dentin**
TOPÇUOĞLU H. S., ARSLAN H., Akçay M., Saygili G., ÇAKICI F., Topcuoglu G.
JOURNAL OF ENDODONTICS, vol.40, no.12, pp.2041-2044, 2014 (SCI-Expanded)
- XLVI. **Evaluation of Effectiveness of Various Irrigating Solutions on Removal of Calcium Hydroxide Mixed with 2% Chlorhexidine Gel and Detection of Orange-brown Precipitate after Removal**

- ARSLAN H., GÖK T., Saygili G., Altintop H., Akcay M., Capar I. D.
JOURNAL OF ENDODONTICS, vol.40, no.11, pp.1820-1823, 2014 (SCI-Expanded)
- XLVII. **Effect of ProTaper Universal, Endoflare, Revo-S, HyFlex Coronal Flaring Instruments, and Gates Glidden Drills on Crack Formation**
Arslan H., KARATAŞ E., Capar I. D., OZSU D., Doganay E.
JOURNAL OF ENDODONTICS, vol.40, no.10, pp.1681-1683, 2014 (SCI-Expanded)
- XLVIII. **An In Vitro Comparison of Apically Extruded Debris and Instrumentation Times with ProTaper Universal, ProTaper Next, Twisted File Adaptive, and HyFlex Instruments**
ÇAPAR İ. D., ARSLAN H., Akcay M., ERTAŞ H.
JOURNAL OF ENDODONTICS, vol.40, no.10, pp.1638-1641, 2014 (SCI-Expanded)
- XLIX. **Effect of Calcium Hydroxide and Double and Triple Antibiotic Pastes on the Bond Strength of Epoxy Resin-based Sealer to Root Canal Dentin**
Akcay M., ARSLAN H., TOPÇUOĞLU H. S., Tuncay O.
JOURNAL OF ENDODONTICS, vol.40, no.10, pp.1663-1667, 2014 (SCI-Expanded)
- L. **Efficacy of Needle Irrigation, EndoActivator, and Photon-initiated Photoacoustic Streaming Technique on Removal of Double and Triple Antibiotic Pastes**
ARSLAN H., Akcay M., ÇAPAR İ. D., ERTAŞ H., Ok E., Uysal B.
JOURNAL OF ENDODONTICS, vol.40, no.9, pp.1439-1442, 2014 (SCI-Expanded)
- LI. **Effects of ProTaper Universal, ProTaper Next, and HyFlex Instruments on Crack Formation in Dentin**
ÇAPAR İ. D., ARSLAN H., Akcay M., Uysal B.
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- LII. **Evaluation of efficiency of laser systems on removal of debris and smear layer in maxillary canine root canals**
ARSLAN H., ALADAĞ H., Haznerdaroglu F.
JOURNAL OF LASER APPLICATIONS, vol.26, no.3, 2014 (SCI-Expanded)
- LIII. **Comparison of cyclic fatigue resistance of original and counterfeit rotary instruments**
ERTAŞ H., ÇAPAR İ. D., ARSLAN H., Akan E.
BIOMEDICAL ENGINEERING ONLINE, vol.13, 2014 (SCI-Expanded)
- LIV. **Effect of Agitation of EDTA with 808-Nanometer Diode Laser on Removal of Smear Layer**
Arslan H., AYRANCI L. B., KARATAŞ E., TOPÇUOĞLU H. S., YAVUZ M. S., Kesim B.
JOURNAL OF ENDODONTICS, vol.39, no.12, pp.1589-1592, 2013 (SCI-Expanded)
- LV. **Morphology of apical foramen in permanent molars and premolars in a turkish population**
AYRANCI L. B., YEŞİLDAL YETER K., ARSLAN H., KÖSEOĞLU M.
Acta Odontol Scand., vol.1, pp.1043-1049, 2013 (SCI-Expanded)
- LVI. **Fracture resistance of roots filled with three different obturation techniques**
Topcuoglu H., Arslan H., Keles A., KÖSEOĞLU M.
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- LVII. **Assessment of the prevalence and characteristics of dens invaginatus in a sample of Turkish Anatolian population**
CAKICI F., CELIKOGLU M., Arslan H., TOPCUOGLU H., Erdogan A.
MEDICINA ORAL PATOLOGIA ORAL Y CIRURGIA BUCAL, vol.15, no.6, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Postoperative Pain After the use of Sodium Hypochlorite gel and Solution Forms: A Randomized Clinical Study**
KARATAŞ E., KIRICI D., ARSLAN H.
EUROPEAN ENDODONTIC JOURNAL, vol.6, no.1, pp.34-37, 2021 (ESCI)
- II. **The effect of placebo, intracanal diode laser application and lowlevel laser therapy on the change of total amount of CGRP ingingival crevicular fluid: split mouth study design**

ARSLAN H., KÖSEOĞLU S., DOĞANAY YILDIZ E., ARABACI T., savran l., yıldız d. a., veyisoğlu g.
Atatürk Üniversitesi Diş Hekimliği Fakültesi Dergisi, 2018 (Peer-Reviewed Journal)

- III. **The effect of low-level laser therapy on total amount of substance P in gingival crevicular fluid: Placebo controlled randomized clinical trial**
DOĞANAY YILDIZ E., ARSLAN H., KÖSEOĞLU S., ARABACI T., yıldız d., savrany l.
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- IV. **Retreatment of Maxillary Lateral Incisor Treated with Previously Regenerative Endodontic Procedure**
ARSLAN H., GÜNDOĞDU E. C., GÜNDOĞDU M., TAŞ G., KARATAŞ E.
Ata uni. diş hek fak dergisi, 2018 (Peer-Reviewed Journal)
- V. **Management of Mandibular First Molar with Radix Entomolaris and External Root Resorption**
yalçınkaya s., ARSLAN H., KARATAŞ E.
Atatürk Üniversitesi diş hekimliği dergisi, 2018 (Peer-Reviewed Journal)
- VI. **treatment of a hopeless teeth using intentional replantation procedure: case report**
ARSLAN H., KARATAŞ E., GÜNDOĞDU M., KARAAVCI M. S., TAŞ G.
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- VII. **Maxillary Molar Tooth Treatment Which Has Perforation and Excessive Structure Loss by Using MTA and Endocrown: A Case Report**
ULUKÖYLÜ E., ARSLAN H., KARATAŞ E., ÖZDOĞAN A.
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- VIII. **Root Canal Treatment of a Maxillary Central Incisor Tooth with Calcific Metamorphosis: A Case Report**
ULUKÖYLÜ E., KARATAŞ E., ARSLAN H.
Atatürk üni. diş hek fak dergisi, 2018 (Peer-Reviewed Journal)
- IX. **THE EFFECT OF QMIX SOLUTION IN THE REMOVAL OF CALCIUM HYDROXIDE FROM ARTIFICIALLY CREATED GROOVES**
Karataş E., Arslan H., Uygun A. D., Gündoğdu E. C.
Atatürk Üniversitesi Diş Hekimliği Fakültesi Dergisi, vol.28, pp.487-491, 2018 (Peer-Reviewed Journal)
- X. **Effect of instrument speed when used in reciprocating motion on root canal transportation and centering ability**
DOĞANAY E., ARSLAN H., SÜMBÜLLÜ M., BAYRAKDAR İ. Ş., SÜMBÜLLÜ M. A., KARATAŞ E.
Journal of Conservative Dentistry, vol.20, pp.234-236, 2017 (Scopus)
- XI. **Comparison of cyclic fatigue resistance and shaping ability between two single-file reciprocating systems in curved canals.**
DOĞANAY E., ARSLAN H., SÜMBÜLLÜ M., BÜKER M., BAYRAKDAR İ. Ş., KARATAŞ E., SÜMBÜLLÜ M. A.
Turkish Endodontic Journal, vol.2, pp.43-46, 2017 (Peer-Reviewed Journal)
- XII. **Comparative study of ProTaper gold, reciproc, and ProTaper universal for root canal preparation in severely curved root canals.**
ARSLAN H., DOĞANAY E., ATEŞ GÜNDÜZ H., SÜMBÜLLÜ M., BAYRAKDAR İ. Ş., KARATAŞ E., SÜMBÜLLÜ M. A.
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- XIII. **Endodontide Foton İndüklü Fotoakustik Dalgalanma Tekniği**
ARSLAN H., AKÇAY M., ÇOLAK TOPCU K. M.
Türkiye Klinikleri J Endod, vol.1, pp.44-49, 2015 (Peer-Reviewed Journal)
- XIV. **Quantitative evaluation of apically extruded debris during root canal instrumentation with ProTaper Universal, ProTaper Next, WaveOne, and self-adjusting file systems.**
OZSU D., Karatas E., Arslan H., Topcu M. T.
European journal of dentistry, vol.8, pp.504-508, 2014 (Scopus)
- XV. **Effects of Various Retreatment Instrumentation Systems in Removing Root Canal Fillings from the Root Canals**
ARSLAN H., TOPÇUOĞLU H. S., KESKİN A., KARATAŞ E., AYRANCI L. B., ÇAKICI F., BARUTÇİGİL Ç., ER K.
Türkiye Klinikleri Journal of Dental Science, 2014 (Peer-Reviewed Journal)
- XVI. **Üç farklı güta perka çözücünde rezin simanların çözünmesi**
TOPÇUOĞLU H. S., ARSLAN H., KARATAŞ E., KURUDİREK M.

- Dicle Diş Hekimliği Dergisi, 2014 (Peer-Reviewed Journal)
- XVII. **El ve döner alet kullanımı sonrasında apikalden taşan debris miktarının ve kalsiyumhidroksit uzaklaştırılmasının değerlendirilmesi**
ARSLAN H., TOPÇUOĞLU H. S., KESKİN A., BARUTCİGİL Ç., KARATAŞ E., ERTAŞ H.
Cumhuriyet Dental Journal, 2014 (Scopus)
- XVIII. **Effect of citric acid irrigation on the fracture resistance of endodontically treated roots.**
Arslan H., BARUTCIGIL C., Karatas E., TOPCUOGLU H., YETER K., ERSOY I., AYRANCIL L.
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- XIX. **Diş hekimliği fakültesi öğrencilerinin meslek seçim sebeplerinin incelenmesi**
BARUTCİGİL Ç., ARSLAN H., KARATAŞ E.
Dicle Diş Hekimliği Dergisi, 2013 (Peer-Reviewed Journal)
- XX. **Effect of the smear layer in the removal of calcium hydroxide from root canal walls**
Arslan H., Sinan Topcuoglu H., KARATAŞ E., Barut cigil C., ALADAĞ H., Meltem Topcu K. M.
Journal of Conservative Dentistry, vol.15, no.2, pp.113-117, 2012 (Scopus)
- XXI. **An unusual separated endodontic instrument in the periradicular area**
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- III. **Effect of sodium thiosulfate on bond strength of an epoxy resin-based sealer to NaOCl- and citric acid-treated dentin**
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