

# Prof. RAGİBE ŞENAY CANAY

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: CJD-9470-2022

Yoksis Researcher ID: 24389

## Education Information

Doctorate, Hacettepe University, Diş Hekimliği Fakültesi, Protetik Diş Tedavisi, Turkey 1982 - Continues

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Sabit Protez Yapımında Kullanılan Çeşitli Soy, Yarı Soy ve Soy Olmayan Alaşımların Gösterdikleri Lekelenme ve Korozyon Davranışının İncelenmesi , Hacettepe Üniversitesi, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 1987

## Research Areas

Health Sciences, Dentistry, Clinical Sciences, Oral Implantology, Prosthetic Dentistry

## Academic Titles / Tasks

Professor, Hacettepe University, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 1982 - Continues

Associate Professor, Hacettepe University, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 1987 - 1991

## Academic and Administrative Experience

Hacettepe Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, Dişçilik Hizmetleri Bölümü, 2005 - 2007

## Courses

DHF 201 PROTETİK DİŞ TEDAVİSİ, Undergraduate, 2017 - 2018, 2016 - 2017

DHF 2012 MADDELER BİLGİSİ, Undergraduate, 2017 - 2018, 2016 - 2017

DPR 700 ÖZEL KONULAR, Doctorate, 2017 - 2018  
DİŞ 247 PROTEZ TEORİK, Undergraduate, 2017 - 2018  
DHF 500 PROTEZ KLİNİK, Undergraduate, 2017 - 2018, 2016 - 2017  
DİŞ 244 PROTEZ PRATİK, Undergraduate, 2017 - 2018  
DHF 401 PROTETİK DİŞ TEDAVİSİ, Undergraduate, 2017 - 2018, 2016 - 2017  
DHF 580 İMPLANTOLOJİDE PROTETİK YAKLAŞIMLAR, Undergraduate, 2017 - 2018, 2016 - 2017  
DHF 561 TADS, Undergraduate, 2016 - 2017  
DHF 281 Diş Hekimliği Pratiğinde İletişim, Undergraduate, 2016 - 2017

## Advising Theses

CANAY R. Ş., MAKSİLLOFASİYAL SİLİKONLARIN 3 FARKLI REZİN ESASLI MATERYALE BAĞLANMA DAYANIMININ BELİRLENMESİ, Dental Specialty, S.ÜNVER(Student), 2017  
CANAY R. Ş., Dinamik yüklenen titanyum ve zirkonya implant dayanaklarının kantileverli sabit dental protezler altında kırılma dayanıklılıklarının değerlendirilmesi, Doctorate, D.KARASAN(Student), 2014  
CANAY R. Ş., Dual akış çığneme simülatörü ile yapılan dinamik yorulmanın tam seramik ve metal destekli seramik kronların kırılma dayanıklılığına etkisi, Doctorate, D.PINAR(Student), 2005

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

- I. **Effect of sintering time on the marginal and internal fit of monolithic zirconia crowns containing 3-4 mol% Y2O3**  
Ozden Y. E., GÜNCÜ M. B., AKTAŞ G., Canay S.  
BMC ORAL HEALTH, vol.22, no.1, 2022 (SCI-Expanded)
- II. **Zirconia Cantilever Fixed Dental Prostheses Supported by One or Two Implants: An In Vitro Study on Mechanical Stability and Technical Outcomes**  
Karasan D., Canay S., Sailer I., Att W.  
INTERNATIONAL JOURNAL OF ORAL & MAXILLOFACIAL IMPLANTS, vol.37, no.4, pp.748-755, 2022 (SCI-Expanded)
- III. **Effect of Anti-Rotational Abutment Features and Novel Computerized Fabrication Techniques on the Marginal Fit of Implant-Supported Metal Copings**  
AKTAŞ G., GÜNCÜ M. B., Akcin E. T., Cakan U., Canay S.  
JOURNAL OF PROSTHODONTICS-IMPLANT ESTHETIC AND RECONSTRUCTIVE DENTISTRY, vol.30, no.3, pp.252-256, 2021 (SCI-Expanded)
- IV. **Mechanical Stability of Zirconia Implant Abutments Supporting Cantilevered Fixed Dental Prostheses After Fatigue Loading**  
Karasan D., Att W., Sailer I., Canay S.  
International Journal of Prosthodontics, vol.34, no.5, pp.615-625, 2021 (SCI-Expanded)
- V. **Biomechanical Behavior of Implants with a Sloped Marginal Configuration**  
KARASAN D., GÜNCÜ M. B., ERSU B., Canay S.  
INTERNATIONAL JOURNAL OF PROSTHODONTICS, vol.31, no.6, pp.587-590, 2018 (SCI-Expanded)
- VI. **The Fracture Resistance of Composite Core Materials Reinforced by Varying Fiber Orientations**  
DENİZ SUNGUR D., ERSU B., Tezvergil-Mutluy A., Canay S.  
INTERNATIONAL JOURNAL OF PROSTHODONTICS, vol.30, no.1, pp.25-26, 2017 (SCI-Expanded)
- VII. **Comparison of implant versus tooth-supported zirconia-based single crowns in a split-mouth design: a 4-year clinical follow-up study**  
GÜNCÜ M. B., Cakan U., AKTAŞ G., GÜNCÜ G. N., Canay S.  
Clinical Oral Investigations, vol.20, no.9, pp.2467-2473, 2016 (SCI-Expanded)
- VIII. **Effect of timing of post space preparation on the apical seal when using different sealers and**

## **obturation techniques**

Nagas E., Karaduman E., ŞAHİN C., Uyanik O., Canay S.

JOURNAL OF DENTAL SCIENCES, vol.11, no.1, pp.79-82, 2016 (SCI-Expanded)

- IX. **Effect of root canal sealers on the push-out bond strengths of tooth-colored posts to root dentine**  
Sukuroglu E., Aslan Y., Nagas E., Canay S., SENYILMAZ D. P.  
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.29, no.16, pp.1680-1689, 2015 (SCI-Expanded)
- X. **Effect of engraving speeds of CO2 laser irradiation on in-ceram alumina roughness: a pilot study**  
ERSU B., Ersoy O., Yuzugullu B., Canay S.  
ACTA ODONTOLOGICA SCANDINAVICA, vol.73, no.4, pp.280-284, 2015 (SCI-Expanded)
- XI. **Zirconia-Based Crowns Up to 5 Years in Function: A Retrospective Clinical Study and Evaluation of Prosthetic Restorations and Failures**  
GÜNCÜ M. B., ÇAKAN U., MUHTAROĞULLARI M., Canay S.  
INTERNATIONAL JOURNAL OF PROSTHODONTICS, vol.28, no.2, pp.152-157, 2015 (SCI-Expanded)
- XII. **Effect of screw access channel filling materials on uniaxial retentive force of cement-retained implant restorations**  
Cakan U., Gultekin P., GÜNCÜ M. B., Canay S.  
AUSTRALIAN DENTAL JOURNAL, vol.59, no.1, pp.65-69, 2014 (SCI-Expanded)
- XIII. **Correlation Between Clinical and Magnetic Resonance Imaging Findings in the Treatment of Anterior Disc Displacement**  
MUHTAROĞULLARI M., ERTAN A. A., DEMİRALP B., Canay S.  
INTERNATIONAL JOURNAL OF PROSTHODONTICS, vol.26, no.2, pp.138-142, 2013 (SCI-Expanded)
- XIV. **Effect of Preparation Taper and Height on Strength and Retention of Zirconia Crowns**  
ERSU B., Narin D., AKTAŞ G., Yuzugullu B., Canay S.  
INTERNATIONAL JOURNAL OF PROSTHODONTICS, vol.25, no.6, pp.582-584, 2012 (SCI-Expanded)
- XV. **Effect of Repeated Firings on Microtensile Bond Strength of In-Ceram Alumina with Two Different Veneering Ceramics**  
Ertan A., Yuzugullu B., Canay S., ERSU B.  
INTERNATIONAL JOURNAL OF PROSTHODONTICS, vol.24, no.6, pp.515-516, 2011 (SCI-Expanded)
- XVI. **Comparison of 3 Luting Agents on Retention of Implant-Supported Crowns on 2 Different Abutments**  
Guncu M. B., Cakan U., Canay S.  
IMPLANT DENTISTRY, vol.20, no.5, pp.349-353, 2011 (SCI-Expanded)
- XVII. **Does the surface treatment affect the bond strength of various fibre-post systems to resin-core materials?**  
Cekic-Nagas I., Sukuroglu E., Canay S.  
JOURNAL OF DENTISTRY, vol.39, no.2, pp.171-179, 2011 (SCI-Expanded)
- XVIII. **Effect of different core build-up materials on strength of post restored teeth**  
Canay S., ERSU B., Yuzugullu B., Sukuroglu E.  
MATERIALS RESEARCH INNOVATIONS, vol.15, no.1, pp.9-12, 2011 (SCI-Expanded)
- XIX. **Bonding of Resin Core Materials to Lithium Disilicate Ceramics: The Effect of Resin Cement Film Thickness**  
Cekic-Nagas I., Canay S., Sahin E.  
INTERNATIONAL JOURNAL OF PROSTHODONTICS, vol.23, no.5, pp.469-471, 2010 (SCI-Expanded)
- XX. **Post and core**  
Canay S., ERSU B.  
JOURNAL OF THE AMERICAN DENTAL ASSOCIATION, vol.139, no.3, pp.245, 2008 (SCI-Expanded)
- XXI. **An alternative post-and-core method for patients with limited interarch space**  
Ersu B., Canay S.  
JOURNAL OF THE AMERICAN DENTAL ASSOCIATION, vol.138, no.11, pp.1464-1467, 2007 (SCI-Expanded)
- XXII. **Cephalometric evaluation of maxillomandibular relationships in patients wearing complete dentures: A pilot study**  
Ciftci Y., Kocadereli I., Canay S., Senyilmaz P.

- ANGLE ORTHODONTIST, vol.75, no.5, pp.821-825, 2005 (SCI-Expanded)
- XXIII. **The effect of current bleaching agents on the color of light-polymerized composites in vitro**  
Canay S., Cehreli M.  
JOURNAL OF PROSTHETIC DENTISTRY, vol.89, no.5, pp.474-478, 2003 (SCI-Expanded)
- XXIV. **Bone SPECT imaging of patients with internal derangement of temporomandibular joint before and after splint therapy**  
Hersek N. E., Canay S., Caner B., Ulutuncel N.  
ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY AND ENDODONTICS, vol.94, no.5, pp.576-580, 2002 (SCI-Expanded)
- XXV. **Comparison of post-gel shrinkage strains in light-polymerized composite resins**  
Cehreli M., Canay S.  
JOURNAL OF PROSTHETIC DENTISTRY, vol.88, no.5, pp.461-466, 2002 (SCI-Expanded)
- XXVI. **In vitro evaluation of the effect of a current bleaching agent on the electrochemical corrosion of dental alloys**  
Canay S., Cehreli M., Bilgic S.  
JOURNAL OF ORAL REHABILITATION, vol.29, no.10, pp.1014-1019, 2002 (SCI-Expanded)
- XXVII. **The effect of enamel air abrasion on the retention of bonded metallic orthodontic brackets**  
Canay S., Kocadereli I., Akca E.  
AMERICAN JOURNAL OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS, vol.117, no.1, pp.15-19, 2000 (SCI-Expanded)

## Articles Published in Other Journals

- I. **DİŞ HEKİMLİĞİ PRATIĞİNDE ZİRKONYUM ve UYGULAMALARINA PANORAMİK BAKIŞ**  
VAROL M., GÜNCÜ M. B., AKTAŞ G., CANAY R. Ş.  
Atatürk Üniversitesi Diş Hekimliği Fakültesi Dergisi, vol.26, 2016 (Peer-Reviewed Journal)
- II. **İmplant Destekli Overdenture Protezlerde Ortaya Çıkan Sorunlar**  
CANAY R. Ş., GÜNCÜ M. B.  
Türkiye Klinikleri J Prosthodont-Special Topics, vol.1, pp.60-65, 2015 (Peer-Reviewed Journal)
- III. **İki implant üstü locator tutuculu tam protez kullanan hastalar Bir yıllık klinik takip**  
AKTAŞ G., GÜNCÜ M. B., CANAY R. Ş.  
Cumhuriyet Dental Journal, vol.18, pp.351-358, 2015 (Scopus)
- IV. **The Effect of Water or Wax-based Binders on the Chemical and Morphological Characteristics of the Margin Ceramic-Framework Interface**  
GÜLER U., Cavalcanti de Queiroz J. R., Cappa de Oliveira L. F., Ganay S., Ozcan M.  
EUROPEAN JOURNAL OF PROSTHODONTICS AND RESTORATIVE DENTISTRY, vol.23, no.3, pp.128-134, 2015 (ESCI)
- V. **İki implant üstü locator tutuculu tam protez kullanan hastalar Bir yıllık klinik takip Two implant retained overdentures with locator attachments One year clinical follow up**  
AKTAŞ G., GÜNCÜ M. B., CANAY R. Ş.  
Cumhuriyet Dental Journal, vol.18, pp.152-157, 2015 (Scopus)
- VI. **İmplant üstü overdenture protezlerde tutucu alternatifleri**  
AKTAŞ G., CANAY R. Ş.  
Acta Odontologica Turcica, vol.32, pp.158-164, 2015 (Peer-Reviewed Journal)
- VII. **An alternative reinforcement method for mandibular implant retained overdentures with e glass fibers a case report**  
AKTAŞ G., KARASAN D., MUHTAROĞULLARI M., CANAY R. Ş.  
Clinical Dentistry and Research, vol.38, pp.31-35, 2014 (Peer-Reviewed Journal)
- VIII. **Platform switch konsepti nedir**  
AKTAŞ G., CANAY R. Ş.  
Cumhuriyet Dental Journal, vol.16, pp.348-357, 2013 (Scopus)

- IX. **Effect of mixing techniques on bacterial attachment and disinfection time of polyether impression material**  
GÜLER A. U., Budak Y., RUH E., Öcal y., CANAY R. Ş., AKYÖN YILMAZ Y.  
EUROPEAN JOURNAL OF DENTISTRY, vol.7, pp.54-59, 2013 (Scopus)
- X. **Influence of Thermomechanical Fatigue Loading on the Fracture Resistance of All-ceramic Posterior Crowns**  
Senyilmaz D. P., Canay S., Heydecke G., Strub J. R.  
EUROPEAN JOURNAL OF PROSTHODONTICS AND RESTORATIVE DENTISTRY, vol.18, no.2, pp.50-54, 2010 (ESCI)
- XI. **Interdisciplinary approach for congenitally missing maxillary lateral incisors**  
AKTAŞ G., CANAY R. Ş., AKTAŞ A., EL H., BAYRAMOV I.  
The Internet Journal of Dental Science, vol.8, pp.226-229, 2010 (Peer-Reviewed Journal)
- XII. **Titanyum ve Nikel Krom döküm kron yapılan dişlerin radyolojik görüntüsünün karşılaştırılması**  
CANAY R. Ş., HERSEK N. E., UZUN G.  
Diş Hekimliğinde Klinik Dergisi, 2000 (Peer-Reviewed Journal)
- XIII. **Microleakage of Laminate Porcelain Veneers Cemented With Three Different Luting Agents 2000 Vol 4 No 1 58**  
CANAY R. Ş., HERSEK N. E., UZUN G.  
Journal of Marmara University Dental Faculty, no.1, pp.58, 2000 (Peer-Reviewed Journal)
- XIV. **Microleakage evaluation of porcelain laminate veneers luted with three different cements an autoradiographic study**  
HERSEK N. E., CANAY R. Ş., UZUN G.  
International Collage of Prosthodontics, 1999 (Peer-Reviewed Journal)
- XV. **Effect of Anterior Repositioning Splints on the Electromyographic Activities of Masseter and Anterior Temporalis Muscles**  
HERSEK N. E., UZUN G., CANAY R. Ş., KUTSAL F. Y.  
The Journal of Craniomandibular Practice, no.1, pp.11, 1998 (Peer-Reviewed Journal)
- XVI. **Farklı yüzey işlemleri uygulanan Nikel Krom alaşıma üçtip simanın bağlantısının incelenmesi**  
CANAY R. Ş., UZUN G., HERSEK N. E.  
Gazi Üniversitesi Dişhekimliği Fakültesi Dergisi, 1997 (Peer-Reviewed Journal)
- XVII. **Temporomandibular eklem diskinin akut yer değiştirmesinin Akut Reküsiyonsuz Disk Displacement Tedavisi 3 olgu**  
HERSEK N. E., CANAY R. Ş., UZUN G.  
Türk Dişhekimleri Birliği Dergisi, 1996 (Peer-Reviewed Journal)

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

- I. **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
- II. **Influence of connector area and abutment material on fracture strength of implant-supported cantilevered zirconia and metal frameworks**  
AKTAŞ G., EMRAL ÇELİK g., MUHTAROĞULLARI M., GÜNCÜ M. B., CANAY R. Ş.  
27. Eao Kongresi, 11 - 13 October 2018, vol.29, pp.180
- III. **Implant retained mandibular overdentures with locator attachments 2 year clinical follow up**  
AKTAŞ G., GÜNCÜ M. B., CANAY R. Ş.  
EAO 24rd Annual Scientific Meeting, Stockholm, Sweden, 24 - 26 September 2015
- IV. **Esthetic evaluation of implant rehabilitation in congenitally missing lateral teeth combined with orthodontic treatment**

AKTAŞ G., GÜNCÜ M. B., CANAY R. Ş.

EAO 24rd Annual Scientific Meeting, Stockholm, Sweden, 24 - 26 September 2015

V. **The oral health related quality of life and satisfaction of edentulous patients treated with implant retained complete denture**

AKTAŞ G., GÜNCÜ M. B., CANAY R. Ş.

EAO 24rd Annual Scientific Meeting, Stockholm, Sweden, 24 - 26 September 2015

VI. **Marginal fit of implant supported crowns with different antirotational abutment features**

GÜNCÜ M. B., AKTAŞ G., ÇAKAN U., AKÇİN E. T., CANAY R. Ş.

International College of Prosthodontics, 32. Uluslararası Sempozyumu, 17 - 20 September 2015

VII. **Multidisciplinary approach of congenitally missing upper central tooth A case report**

GÜNCÜ M. B., KARASAN D., CANAY R. Ş., GÜLTAN A. S.

Oral İmplantolojide İleri Protokoller 6. Uluslararası Sempozyumu, Antalya, Turkey, 20 - 23 April 2014

VIII. **Effect of abutment surface configuration and luting agents on the retention of implant supported crowns**

ÇAKAN U., GÜNCÜ M. B., CANAY R. Ş.

European Association for Osseointegration (EAO) 16th Annual Scientific Meeting, BARCELONA, Spain, 25 - 27 October 2007

IX. **Numerical simulation of peri-implant early bone healing**

Akça K., Canay R. Ş.

European Association for Osseointegration 16th Annual Scientific Meeting , Barcelona, Spain, 25 - 27 October 2007, pp.88

## Supported Projects

CANAY R. Ş., KARABULUT T., Project Supported by Higher Education Institutions, İMPLANT DESTEKLİ OVERDENTURE PROTEZLERDE KULLANILAN FARKLI TİP ATAÇMANLARIN TUTUCULUĞUNUN ZAMANA VE PROTEZ TEMİZLEYİCİSİNE BAĞLI OLARAK DEĞERLENDİRİLMESİ, 2023 - Continues

CANAY R. Ş., ŞAHİN D., Project Supported by Higher Education Institutions, Farklı CAD/CAM Seramik Materyallerin Yüzey Özellikleri ve Renklenmelerinin In-vitro İncelenmesi, 2020 - 2022

CANAY R. Ş., AKARCA E. M., Project Supported by Higher Education Institutions, Çeşitli yüzey işlemleri uygulanan rezin matris seramiklerin rezin siman kullanılarak dişe bağlantılarının in-vitro olarak incelenmesi, 2018 - 2020

CANAY R. Ş., KÖSEOĞLU ŞAHİN D., Project Supported by Higher Education Institutions, REZİN MATRİKS SERAMİKLERİN YORULMA DAYANIKLILIKLARININ İN-VİTRO OLARAK DEĞERLENDİRİLMESİ, 2017 - 2018

KARASAN D., CANAY R. Ş., GÜNCÜ M. B., Project Supported by Higher Education Institutions, Profil İmplantların Yükleme Altında Biyomekanik Davranışlarının Değerlendirilmesi, 2015 - 2018

CANAY R. Ş., Project Supported by Higher Education Institutions, Kanal dolgu patlarının diş rengi postlarda dentine olan itme bağlantı dayanıklılığına etkisi, 2016 - 2017

CANAY R. Ş., Project Supported by Higher Education Institutions, Büyük New York Prostodonti Akademisi Son Bahar Toplantısı, 2015 - 2016

KARASAN D., CANAY R. Ş., Project Supported by Higher Education Institutions, Zirkonya İmplant Dayanakları ile Desteklenen Kantileverli Sabit Dental Protezlerin Kırılma Dayanımlarının Karşılaştırılması, 2015 - 2016

CANAY R. Ş., Project Supported by Higher Education Institutions, İn-ceram alumina pürüzlendirilmesinde kullanılan karbondioksit lazerin etkisi, 2015 - 2016

CANAY R. Ş., Project Supported by Higher Education Institutions, Kantileverli Sabit Bölümlü Protezler ile Restore Edilen IPS e.max ve Titanyum Abutmentlerin Kırılma Dayanıklılıklarının Karşılaştırılması, 2013 - 2016

CANAY R. Ş., TUBITAK Project, İmplant Destekli Mezial Uzantılı (Mezial Kantileverli) Tam Seramik Ve Metal Altyapıların Dinamik Yükleme Altında Kırılma Dayanımlarının Karşılaştırılması., 2013 - 2014

CANAY R. Ş., TUBITAK Project, Marjin Seramiklerinin İmplant Çevresi Yumuşak Dokuların Estetik Görünümü Ve Sağlığı Üzerine Etkisi, 2011 - 2012

## **Metrics**

Publication: 53

Citation (WoS): 250

Citation (Scopus): 344

H-Index (WoS): 8

H-Index (Scopus): 10

## **Non Academic Experience**

The International journal of Prosthodontics

Hacettepe üniversitesi AR-GE danışmanlık enerji sağlık çevre iletişim sanayi ve ticaret AŞ.

Columbia üniversitesi Diş hekimliği fakültesi

sağlık bakanlığı

Türk diş hekimliği birliği

cenevre diş hekimliği fakültesi