

Prof. DUYGU KARAKIŞ

Personal Information

Office Phone: [+90 312 203 4000](tel:+903122034000) Extension: 4173

Email: duygukoc@gazi.edu.tr

Other Email: dtduygukc@hotmail.com

Web: <https://avesis.gazi.edu.tr/duygukoc>

Address: duygukoc@gazi.edu.tr dtduygukc@hotmail.com

International Researcher IDs

ORCID: 0000-0001-9976-8797

Publons / Web Of Science ResearcherID: AAA-1639-2021

ScopusID: 55887996100

Yoksis Researcher ID: 133592

Education Information

Doctorate, Gazi University, Diş Hekimliği Fakültesi, Turkey 2005 - 2011

Undergraduate, Ankara University, Diş Hekimliği Fakültesi, Turkey 1999 - 2004

Dissertations

Doctorate, Nokturnal bruksizimli hastalarda iki farklı oklüzal splintin ısırma kuvveti üzerine etkisinin in-vivo olarak araştırılması, Gazi University, Diş Hekimliği Fakültesi, 2011

Research Areas

Total Partial Dentures, Crown Bridge

Academic Titles / Tasks

Professor, Gazi University, Diş Hekimliği Fakültesi, Klinik Bilimler, 2021 - Continues

Associate Professor, Gazi University, Diş Hekimliği Fakültesi, 2015 - Continues

Research Assistant, Gazi University, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 2007 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **The effect of anterior repositioning splint therapy on maximum bite forces in patients with disc interference disorders**

Tatoglu G., Doğan A., Karakış D.

ACTA ODONTOLOGICA SCANDINAVICA, vol.80, pp.315-320, 2022 (SCI-Expanded)

II. **Evaluation Flexural Strength of PMMA Resins with the Addition of Nanoparticles**

Akay C., Karakış D., Pat S.

ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY, vol.10, no.12, 2021 (SCI-Expanded)

- III. **Comparison of Simultaneously Recorded Computerized Occlusal Analysis and Surface Electromyographic Activity of Masticatory Muscles Between Patients with Unilateral TMD and Healthy Controls**
KARAKIŞ D., Bagkur M., Toksoy B.
INTERNATIONAL JOURNAL OF PROSTHODONTICS, vol.34, no.5, pp.554-559, 2021 (SCI-Expanded)
- IV. **Effect of Argon Plasma on the Shear Bond Strength of Y-TZP Zirconia Ceramic Resin Interface**
Karakış D., Akay C., Pat S.
ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY, vol.10, no.5, 2021 (SCI-Expanded)
- V. **Improvement of flexural bond strength of zirconia-resin cement by surface patterning using sub-nanosecond UV laser**
Akay C., Turan N., Karakış D., Angurel L. A.
INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY, vol.18, no.1, pp.51-59, 2021 (SCI-Expanded)
- VI. **Evolutionary Spectral Analysis of Temporomandibular Joint Sounds Before and After Anterior Repositioning Splint Therapy in Patients with Internal Derangement**
Kaymak D., KARAKIŞ D., DOĞAN A.
INTERNATIONAL JOURNAL OF PROSTHODONTICS, vol.32, no.6, pp.475-481, 2019 (SCI-Expanded)
- VII. **In Vitro Cytotoxicity of Maxillofacial Silicone Elastomers: Effect of Nano-particles**
Akay C., Çevik P., Karakış D., Sevim H.
JOURNAL OF PROSTHODONTICS-IMPLANT ESTHETIC AND RECONSTRUCTIVE DENTISTRY, vol.27, no.6, pp.584-587, 2018 (SCI-Expanded)
- VIII. **Effect of self and dual-curing on degree of conversion and crosslink density of dual-cure core build-up materials**
Karakış D., Yıldırım Biçer A. Z., Doğan A., Koralay H., Çavdar Ş.
JOURNAL OF PROSTHODONTIC RESEARCH, vol.61, no.2, pp.210-216, 2017 (SCI-Expanded)
- IX. **Effectiveness of disinfectants on the adherence of Candida albicans to denture base resins with different surface textures**
Karakış D., Akay C., Oncul B., Rad A. Y., Doğan A.
JOURNAL OF ORAL SCIENCE, vol.58, no.3, pp.431-437, 2016 (SCI-Expanded)
- X. **A comparison of wear rate of direct and indirect resin composites: A two-body wear abrasion test**
Yıldırım Biçer A. Z., Karakış D., Doğan A., Mert F.
JOURNAL OF COMPOSITE MATERIALS, vol.49, no.21, pp.2599-2607, 2015 (SCI-Expanded)
- XI. **The effect of two artificial salivas on the adhesion of Candida albicans to heat-polymerized acrylic resin**
Oncul B., Karakış D., Doğruman Al F.
JOURNAL OF ADVANCED PROSTHODONTICS, vol.7, no.2, pp.93-97, 2015 (SCI-Expanded)
- XII. **Resin cementation of zirconia ceramics with different bonding agents**
Tanis M., Akay C., Karakış D.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.29, no.2, pp.363-367, 2015 (SCI-Expanded)
- XIII. **The craniofacial morphology and maximum bite force in sleep bruxism patients with signs and symptoms of temporomandibular disorders**
KARAKIŞ D., DOĞAN A.
CRANIO-THE JOURNAL OF CRANIOMANDIBULAR & SLEEP PRACTICE, vol.33, no.1, pp.32-37, 2015 (SCI-Expanded)
- XIV. **Effects of Different Polymerization Protocols on the Degree of Conversion of Two Dual-Cured Core Buildup Composites Polymerized by Light-Emitting Diode and Halogen Light-Curing Units**
KARAKIŞ D., YILDIRIM BİÇER A. Z., EROL Ö., DOĞAN A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.131, no.15, 2014 (SCI-Expanded)
- XV. **Evaluation of the effect of two different occlusal splints on maximum occlusal force in patients with sleep bruxism: a pilot study**
Karakış D., Doğan A., Bek B.
JOURNAL OF ADVANCED PROSTHODONTICS, vol.6, no.2, pp.103-108, 2014 (SCI-Expanded)
- XVI. **The bite force and craniofacial morphology in patients with acromegaly: A pilot study**

KARAKIŞ D., Aktas-Yilmaz B., DOĞAN A., YETKİN İ., Bek B.

MEDICINA ORAL PATOLOGIA ORAL Y CIRUGIA BUCAL, vol.19, no.1, 2014 (SCI-Expanded)

- XVII. **The evaluation of maximum bite force in the occlusal rehabilitation of patient with Angle Class III malocclusion: a case report**

KARAKIŞ D., Kaymak D., DOĞAN A.

JOURNAL OF ADVANCED PROSTHODONTICS, vol.5, no.3, pp.364-368, 2013 (SCI-Expanded)

- XVIII. **Effects of increasing the jaw opening on the maximum bite force and electromyographic activities of jaw muscles**

Koc D., DOĞAN A., Bek B., Yucel M.

Journal of Dental Sciences, vol.7, no.1, pp.14-19, 2012 (SCI-Expanded)

- XIX. **Effect of gender, facial dimensions, body mass index and type of functional occlusion on bite force**

Koc D., Doğan A., Bek B.

Journal of Applied Oral Science, vol.19, no.3, pp.274-279, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Adjustment of Occlusal Splint with Synchronized T-Scan III Digital Occlusal Analysis System and Bio-EMG III in a Patient with Sleep Bruxism**

Karakış D., Demirdag E. D.

JOURNAL OF ADVANCED ORAL RESEARCH, vol.12, no.1, pp.170-175, 2021 (ESCI)

- II. **Effect of Chemical Disinfectants on Candida albicans Biofilm Formation on Poly (Methyl Methacrylate) Resin Surfaces: A Scanning Electron Microscope Study**

AKAY C., KARAKIŞ D., DOĞAN A., Rad A. Y.

JOURNAL OF ADVANCED ORAL RESEARCH, vol.7, no.2, pp.21-26, 2016 (ESCI)

- III. **An Alternative Impression Technique for an Infant with Cleft Palate**

AKAY C., KARAKIŞ D., YALUĞ Ö. S.

International Dental Research, vol.5, no.2, pp.38-41, 2015 (Peer-Reviewed Journal)

- IV. **Bite force and influential factors on bite force measurements A literature review**

Karakış D., Dogan A., Bek B.

EUROPEAN JOURNAL OF DENTISTRY, vol.4, no.2, pp.223-232, 2010 (Scopus)

- V. **PROSTHETIC TREATMENT APPROACH ON LOWER EDENTULOUS EXTREMELY RESORBED RESIDUAL RIDGE: A CASE REPORT**

Ergün G., Karakış D.

Türkiye Klinikleri Diş Hekimliği Bilimleri Dergisi, vol.13, pp.139-145, 2007 (Peer-Reviewed Journal)

Books

- I. **Dil Rezeksiyonlarına Protetik Yaklaşım**

Karakış D.

in: Diş Hekimliği Pratiğinde Çene Yüz Protezlerine Güncel Yaklaşımlar, Doç. Dr. Canan Akay, Editor, Akademisyen Yayınevi Kitabevi, Ankara, pp.123-132, 2021

- II. **Nanoteknoloji ve Nanopartiküllerin Diş Hekimliğinde Kullanımı**

AKAY C., KARAKIŞ D.

in: Güncel Restoratif ve Protez Çalışmaları 1, İlter Uzel- Bülent Kesim, Editor, Akademisyen Yayınevi, Ankara, pp.67-77, 2019

Papers Published in Refereed Scientific Meetings

- I. **YETERSİZ İTEROKLUZAL MESAFESİ OLAN HASTADA OKLUZAL DİKEY BOYUT YÜKSELTİLMESİ VE ELEKTROMYOGRAFIK DEĞERLENDİRME: VAKA RAPORU**
KARAKIŞ D., Adam Erden A. C.
TDB 24. ULUSLARASI DİŞ HEKİMLİĞİ KONGRESİ, Ankara, Turkey, 27 - 30 September 2018
- II. **Bruksizimli hastada kanin rehberli oklüzal splintin EMG Ve Dijital oklüzal analiz ile değerlendirilmesi**
DEMİRDAĞ E. D., KARAKIŞ D.
TDB 24. ULUSLARASI DİŞ HEKİMLİĞİ KONGRESİ, 27 September 2017 - 30 September 2018
- III. **Evaluation of canine- guided splint in a patient with TMD by JVA**
TOKSOY B., KARAKIŞ D., NALBANT L.
42 Annual Congress of The European Prosthodontic Association (EPA) and Epa Sepes Joint Meeting, Madrid, Spain, 13 - 15 September 2018
- IV. **In vitro Cytotoxicity of Maxillofacial Elastomers Effect of Nano particles**
AKAY C., ÇEVİK P., KARAKIŞ D., SEVİM H., MUMCU E.
22th International Congress of Turkish Prosthodontics and Implantology Association (TPİD), Turkey, 12 - 15 November 2015
- V. **Maksillofasiyal silikon elastomerlerin sitotoksitesinin değerlendirilmesi Nano Partiküllerin etkisi**
AKAY C., ÇEVİK P., KARAKIŞ D., SEVİM H., MUMCU E.
22. Uluslararası Türk Prostodonti ve İmplantoloji Derneği Bilimsel Kongresi, Antalya, Turkey, 12 - 15 November 2015

Metrics

Publication: 41

Citation (WoS): 203

Citation (Scopus): 219

H-Index (WoS): 10

H-Index (Scopus): 9