CURRICULUM VITAE AND PUBLICATIONS LIST



CURRICULUM VITAE

Name and Surname: Burcu KARADUMAN

Academic Title: Professor Dr.

Work Address:

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Foreign Languages Known (Score and Year): English, C2 Proficiency, 2019
English, C2 Proficiency, 2007

Degree	Department/Program	University	Year
Doctorate	PERİODONTOLOJİ (DR)	Gazi University	2007
Bachelor's Degree	DİŞ HEKİMLİĞİ PR.	Gazi University	2001

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):

Kemikiçi defektlere uygulanan cerrahi tedavi sonrası oluşan iyileşmenin klinik ve farklı radyografik yöntemlerle değerlendirilmesi

Position Title	Workplace	Year
Professor Dr.	Biruni University	2022-Continues
Associate Professor		2021
Associate Professor		2019
Associate Professor	Biruni University	2017-Continues
Assistant Professor	Biruni University	2017
Assistant Professor		2014
Assistant Professor	İstanbul Aydın University	2011-2017
Assistant Professor	Yeni Yüzyıl University	2010-2011
Research Assistant	Gazi University	2006-2007
Research Assistant		2006

Administrative Duties:

1. Deputy Institute Director - Biruni University (2018 - Continues)
2. Institute Executive Board Member - Biruni University (2018 - Continues)
3. Institutional Coordinator of the Erasmus Program - Biruni University (2018 - 2019)
4. Program Coordinator - Biruni University (2017 - Continues)
5. Faculty Executive Board Member - Biruni University (2017 - Continues)
6. Faculty Board Member - Biruni University (2017 - Continues)
7. Head of Department - Biruni University (2017 - 2019)
8. Head of Main Science/Science Department - Biruni University (2017 - 2019)
9. Other Administrative Task - İstanbul Aydın University (2015 - 2017)

10. Other Academic Position - İstanbul Aydın University (2015 - 2017)
11. Other Administrative Task - İstanbul Aydın University (2014 - 2017)
12. Vice Dean - İstanbul Aydın University (2013 - 2017)
13. Department Coordinator of the Farabi Program - İstanbul Aydın University (2013 - 2017)
14. Postgraduate Education Coordinator - İstanbul Aydın University (2013 - 2017)
15. Head of Main Science/Science Department - İstanbul Aydın University (2012 - 2013)
16. Faculty Executive Board Member - İstanbul Aydın University (2011 - Continues)
17. Faculty Board Member - Yeni Yüzyıl University (2010 - 2011)
18. Department Coordinator of the Erasmus Program - Yeni Yüzyıl University (2010 - 2011)
19. Vice Dean - Yeni Yüzyıl University (2010 - 2011)
20. Head of Main Science/Science Department - Yeni Yüzyıl University (2010 - 2011)
21. Faculty Executive Board Member - Yeni Yüzyıl University (2010 - 2011)

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. Mangıroğlu C., Çelik İ., Karaduman B., Gürsel M., "Histomorphometric and immunohistochemical evaluation of apoptosis in nifedipine-induced gingival overgrowth", *BMC Oral Health*, vol. 26, no. 1, 2026.

A2. Cetiner D., Karaduman B., Selman A. E., Gonen S., Corekci A. U., "Adjunctive effect of gaseous ozone on inflammatory biomarkers and microbial profile in grade C molar-incisor pattern periodontitis: a randomized split-mouth placebo-controlled clinical trial", *BMC Oral Health*, vol. 26, no. 1, 2026.

A3. Selman A. E., Karaduman B., Durmuşlar M. C., Olgac N. V., Ataoğlu H., "Oral-Onset Langerhans Cell Histiocytosis in a Noncompliant Adult: A Cautionary Case of Multisystem Progression", *Australian Dental Journal*, vol. 71, no. 2, pp. 206-212, 2026.

A4. Bulut H., Öğüt E., Nuriyev K., Beşışık F., Karaduman B., "Impact of non-surgical periodontal therapy on biomarker levels in inflammatory bowel disease patients with periodontitis", *Journal of Periodontology*, 2026.

A5. Karaduman B., Yeşil Kurt İ. B., Schulnig S., Spintzyk S., Diken Türksayar A. A., "Evaluation of surface roughness and cell viability of milled and printed polyetheretherketone healing abutments: a comparative study", *Odontology*, 2026.

A6. Öğüt E., Kınoğlu N. G., Karaduman B., "Laboratory effects of desensitizing mouthwashes on tooth discoloration and surface roughness.", *American journal of dentistry*, vol. 38, no. 4, pp. 242, 2025.

A7. Kadayıf A., Taşçi Ö. E., Karaduman B., "Effects of non-surgical periodontal therapy on gingival crevicular fluid CTRP-1, TNF-α, and IL-10 levels", *Clinical Oral Investigations*, vol. 29, no. 7, 2025.

A8. Ziyaettin M., Kınoğlu Canpolat N. G., Karaduman B., "Palatal pre-suturing effects on hemostasis and morbidity in connective tissue grafting: A randomized controlled trial", *Journal of Periodontology*, 2025.

A9. Aykut S., Selman A. E., Karaduman B., "AN INQUIRY INTO DENTAL STUDENTS' PERCEPTIONS OF ARTIFICIAL INTELLIGENCE IN DENTISTRY: EXAMINING THEIR BELIEFS, ATTITUDES, AND UNDERSTANDING", *MEANDROS MEDICAL AND DENTAL JOURNAL*, vol. 25, no. 2, pp. 169-181, 2024.

A10. Gürsel M., Bayat T., Dündar N., Yabacı Tak A., Karaduman B., "Investigating the diagnostic potential of IL-1β, IL-10, and IL-36γ in gingival crevicular fluid in patients with different periodontal conditions", *Biomarkers*, vol. 29, no. 3, pp. 118-126, 2024.

A11. Karaduman B., Sarp S., Yılmaz M., "Compatibility of digital and analog methods in assessment of gingival zeniths", *Journal of Esthetic and Restorative Dentistry*, vol. 35, no. 7, pp. 1162-1166, 2023.

A12. Zorlu S., Öner Özdaş D., Koyuncuoğlu C. Z., Tezci N., Dikme Güveli U. G., Karaduman B., "ORAL HEALTH STATUS OF JUVENILE INMATES IN A DETENTION CENTER IN TURKEY", *Journal of Basic and Clinical Health Sciences*, 2023.

A13. Karaduman U., Karaduman B., Çelik İ., Gürsel M., "The Effects of Cyclosporine and Tacrolimus on Gingiva and Alveolar Bone of Rats", *Clinical and Experimental Health Sciences*, 2021.

A14. Tezci N., Karaduman B., "The Effects of Different Pre-operative Information Timings on Patients' Anxiety Level and Pain Perception.", *Clinical and Experimental Health Sciences*, 2021.

A15. Uraz A., Karaduman B., Isler S. Ç., Gönen S., Çetiner D., "Ozone application as adjunctive therapy in chronic periodontitis: Clinical, microbiological and biochemical aspects", *Journal of Dental Sciences*, vol. 14, no. 1, pp. 27-37, 2019.

A16. Karaduman B., Uraz A., Altan G., Tuncer B. B., Alkan Ö., Gönen S., Pehlivan S., Çetiner D., "Changes of tumor necrosis factor-α, interleukin-10, and tartrate-resistant acid phosphatase5b in the crevicular fluid in relation to orthodontic movement", *European Journal of Inflammation*, vol. 13, no. 1, pp. 3-13, 2015.

A17. Tezci N., Meseli S. E., Karaduman B., Dogan S., Meric S. H., "Soft tissue reconstruction with free gingival graft technique following excision of a fibroma", *Case Reports in Dentistry*, vol. 2015, 2015.

A18. Uraz A., Boynueğri D., Özcan G., Karaduman B., Uç D., Şenel S., Pehlivan S., Öğüs E., Sultan N., "Two percent chitosan mouthwash: A microbiological and clinical comparative study", *Journal of Dental Sciences*, vol. 7, no. 4, pp. 342-349, 2012.

A19. Boynueğri D., Özcan G., Şenel S., Uç D., Uraz A., Öğüş E., Çakilci B., Karaduman B., "Clinical and radiographic evaluations of chitosan gel in periodontal intraosseous defects: A pilot study", *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, vol. 90B, no. 1, pp. 461-466, 2009.

A20. Gültekin S. E., Sengüven B., Karaduman B., "The effect of smoking on epithelial proliferation in healthy and periodontally diseased marginal gingival epithelium", *Journal of Periodontology*, vol. 79, no. 8, pp. 1444-1450, 2008.

A21. Tüter G., Kurtiş B., Serdar M., Yücel A., Ayhan E., Karaduman B., Özcan G., "Effects of phase I periodontal treatment on gingival crevicular fluid levels of matrix metalloproteinase-3 and tissue inhibitor of metalloproteinase-1", *Journal of Clinical Periodontology*, vol. 32, no. 9, pp. 1011-1015, 2005.

B. Papers presented at international scientific meetings and published in proceedings:

B1. Ziyaettin M., Kınoğlu Canpolat N. G., Karaduman B., Bağ doku grefti operasyonunda palatal presütur uygulanmasının hemostaz ve morbidite üzerine etkisi, In: *Türk Periodontoloji Derneği 53. Uluslararası Bilimsel Kongresi ve 31. Bilimsel Sempozyumu*, Turkey, 2025.

B2. Deniz S., Aykut S., Arpacı H. A., Arslan Acicbe B., Karaduman B., Prosthodontic rehabilitation with crown lengthening by guided periodontal surgery, In: *2024 FDI World Dental Congress*, İstanbul, Turkey, 2024, pp. 383-384.

B3. Selman A. E., Karaduman B., The Effect of Smoking on Trabecular Bone in Periodontally Healthy Individuals and Patients with Periodontitis: A Fractal Analysis, In: *28th BaSS Congress*, Montenegro, 2024.

B4. Ziyaettin M., Karaduman B., Kınoğlu N., Periodontal plastik cerrahinin yaşam kalitesi ve dentin hassasiyeti üzerine etkisinin uzun dönem değerlendirilmesi, In: *Türk Periodontoloji Derneği 52. Bilimsel Kongresini ve 30. Bilimsel Sempozyumu*, İzmir, Turkey, 2023.

D. Articles published in national peer-reviewed journals:

D1. Bulut H., Kınoğlu N. G., Karaduman B., "The fear of AI: Dentists and the anxiety of the unknown", *Journal of Advanced Research in Health Sciences*, 2023.

D2. Yılmaz M., Özmen S., Kınoğlu N. G., Karaduman B., "Gingivitis ve hafif-orta şiddette periodontitis hastalarının periodontal, davranışsal ve sistemik durumlarının belirlenmesi", *Yeditepe Dental Journal*, vol. 16, no. 1, pp. 37-42, 2020.

D3. Meşeli S. E., Yıldız Çiftlikli S., Pelit S., Karaduman B., Meriç S. H., "Başlangıç Periodontal Tedavide Sistemik Antibiyotiklerin Kullanımı Ondokuz Mayıs Üniversitesi Diş Hekimliği Faku ltesi Dergisi 2014 15 2 37 48 2015", *Ondokuz Mayıs Üniversitesi Diş Hekimliği Fakültesi Dergisi*, no. 2, pp. 37-48, 2015.

D4. Karaduman B., Bodur A., "Loss of Permanent Central Incisors in a 9 Year Old Girl Due to Severe Periodontal Damage with an Unusual Etiology Case Report", *Turkiye Klinikleri Diş Hekimliği Bilimleri Dergisi*, vol. 21, no. 2, pp. 184-188, 2015.

D5. Uraz A., Gültekin S. E., Sengüven B., Karaduman B., Sofuoğlu İ. P., Pehlivan S., Çapan Y., Eren K., "Histologic and histomorphometric assessment of eggshell-derived bone graft substitutes on bone healing in rats", *Journal of Clinical and Experimental Dentistry*, vol. 5, no. 1, pp. 23-29, 2013.

D6. Şeker O., Birdal İ. S., Özalp Ş., Karaduman B., "Fiber ağ ile güçlendirmenin kırılma direncine etkisinin in vitro olarak değerlendirilmesi", *Türk Dişhekimliği Dergisi*, vol. 21, no. 88, pp. 152-158, 2013.

D7. Trakyalı G., Karaduman B., Uzel İ., "Kapaklı braketlerle yapılan ortodontik tedavilerin periodontal açıdan değerlendirilmesi", *Türkiye Klinikleri Diş Hekimliği Bilimleri Dergisi*, vol. 4, no. 2, pp. 23-26, 2013.

D8. Özdemir B., Özcan G., Karaduman B., Teoman İ., Ayhan Alkan E., Özer N., Us A. D., "Lactoferrin in gingival crevicular fluid and peripheral blood during experimental gingivitis", *European Journal Of Dentistry*, vol. 3, no. 1, pp. 16-23, 2009.