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International Researcher IDs

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Education Information

Dental Specialty, Ege University, Diş Hekimliği Fakültesi, Klinik Bilimler, Turkey 2019 - 2022

Associate Degree, Anadolu University, Açıköğretim Fakültesi, Turkey 2015 - 2017

Undergraduate, Eskisehir Osmangazi University, DİŞ HEKİMLİĞİ FAKÜLTESİ, Diş Hekimliği, Turkey 2012 - 2017

Foreign Languages

English, B1 Intermediate

Research Areas

Dentistry, Oral Diseases, Oral Diagnosis and Radiology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Second mesiobuccal canal segmentation with YOLOv5 architecture using cone beam computed tomography images**
DUMAN Ş. B., ÇELİK ÖZEN D., BAYRAKDAR İ. Ş., Baydar O., Alhaija E. S. A., Helvacioğlu Yiğit D., ÇELİK Ö., Jagtap R., Pileggi R., ORHAN K.
Odontology, vol.112, no.2, pp.552-561, 2024 (SCI-Expanded)
- II. **An artificial intelligence study: automatic description of anatomic landmarks on panoramic radiographs in the pediatric population**
BAĞ İ., BİLGİR E., BAYRAKDAR İ. Ş., Baydar O., Atak F. M., ÇELİK Ö., ORHAN K.
BMC Oral Health, vol.23, no.1, 2023 (SCI-Expanded)
- III. **Assessing the Effectiveness of Artificial Intelligence Models for Detecting Alveolar Bone Loss in Periodontal Disease: A Panoramic Radiograph Study**
Uzun Saylan B. C., Baydar O., Yeşilova E., Kurt Bayrakdar S., Bilgir E., Bayrakdar İ. Ş., Celik Ö., Orhan K.
DIAGNOSTICS, vol.13, no.10, 2023 (SCI-Expanded)
- IV. **The U-Net Approaches to Evaluation of Dental Bite-Wing Radiographs: An Artificial Intelligence Study**
Baydar O., Różyło-Kalinowska I., Futyma-Gąbka K., Sağlam H.
Diagnostics, vol.13, no.3, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **Comparison of linear and angular measurements in mandibular symphyseal region using lateral cephalometric and cone beam CT images**
Baydar O., Onem E., Baksi B. G.
Oral Science International, vol.21, no.2, pp.237-243, 2024 (ESCI)

Metrics

Publication: 5

Citation (WoS): 1

Citation (Scopus): 9

H-Index (WoS): 1

H-Index (Scopus): 2