

Personal Information

Email: esat.kaba@erdogan.edu.tr

Web: <https://avesis.erdogan.edu.tr/esat.kaba>

International Researcher IDs

ScholarID: AiUFfqMAAAAJ

ORCID: 0000-0001-7464-988X

Yoksis Researcher ID: 296597

Research Areas

Radiodiagnostic

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Performance of Different Large Language Models in the Sample Test of the European Cardiovascular Radiology Board Examination**
KABA E., AKKAYA S.
Academic Radiology, vol.31, no.10, pp.4294-4295, 2024 (SCI-Expanded)
- II. **Ultrasound findings in infantile haemangioma of the parotid gland Hallazgos ecográficos en el hemangioma infantil de la glándula parótida**
Solak M., KABA E., BURAKGAZI G.
Anales de Pediatria, vol.101, no.3, pp.220-221, 2024 (SCI-Expanded)
- III. **Radiomics-based machine learning in the differentiation of benign and malignant bowel wall thickening radiomics in bowel wall thickening**
Bülbül H. M., Burakgazi G., Kesimal U., Kaba E.
Japanese Journal of Radiology, vol.42, no.8, pp.872-879, 2024 (SCI-Expanded)
- IV. **The R.E.N.A.L. nephrometry scoring from CT reports with ChatGPT: example with proofs.**
Topçu Varlık A., Kaba E., Burakgazi G.
Japanese journal of radiology, 2024 (SCI-Expanded)
- V. **Accuracy of Large Language Models in Thyroid Nodule-Related Questions Based on the Korean Thyroid Imaging Reporting and Data System (K-TIRADS)**
Kaba E., Hürsoy N., Solak M., Çeliker F. B.
KOREAN JOURNAL OF RADIOLOGY, vol.25, no.5, pp.499-500, 2024 (SCI-Expanded)
- VI. **RE: Accuracy of Large Language Models in Answering ESUR Guidelines on Contrast Media-Related Questions.**
Kaba E., Vogl T. J.
Academic radiology, 2024 (SCI-Expanded)
- VII. **The Role of Prompt Engineering in Radiology Applications of Generative AI.**
Kaba E., Solak M., Çeliker F. B.
Academic radiology, 2024 (SCI-Expanded)
- VIII. **Zero-, Single-, and Few-Shot Learning in Large Language Models to Identify Incidental Findings From Radiology Reports**
Kaba E.

AMERICAN JOURNAL OF ROENTGENOLOGY, vol.222, no.3, 2024 (SCI-Expanded)

- IX. **Pulmonary Artery Pseudoaneurysms in Cannonball Metastases.**
Kaba E., Solak M., Hürsoy N.
Archivos de bronconeumologia, 2024 (SCI-Expanded)
- X. **Assessing ChatGPT's summarization of 68Ga PSMA PET/CT reports for patients**
BÜLBÜL O., BÜLBÜL H. M., Kaba E.
Abdominal Radiology, 2024 (SCI-Expanded)
- XI. **Evaluating ChatGPT-4o in Diffusion-weighted Imaging Interpretation: Is it Useful?**
Kaba E., Solak M., BEYAZAL M.
Academic Radiology, 2024 (SCI-Expanded)
- XII. **Is it possible to make LI-RADS easier?**
Solak M., Kaba E., BEYAZAL M.
Liver International, 2024 (SCI-Expanded)
- XIII. **Can We Use Large Language Models for the Use of Contrast Media in Radiology?**
Kaba E., Vogl T. J.
Academic radiology, 2023 (SCI-Expanded)
- XIV. **Retroperitoneal Necrotizing Fasciitis: A Rare Surgical Emergency**
KABA E., KAYAOĞLU A. T., Hacıbey I.
INDIAN JOURNAL OF SURGERY, vol.85, no.6, pp.1475-1477, 2023 (SCI-Expanded)
- XV. **Achilles Tendon Ossification.**
Kaba E., Hürsoy N.
Joint bone spine, pp.105659, 2023 (SCI-Expanded)
- XVI. **Thyroid hemiagenesis**
KABA E., Solak M.
QJM-AN INTERNATIONAL JOURNAL OF MEDICINE, vol.116, no.7, pp.544, 2023 (SCI-Expanded)
- XVII. **Pulmonary involvement of secondary syphilis: the great mimicker.**
Kaba E., Kaba A., Ardic C., Celiker F. B.
British journal of hospital medicine (London, England : 2005), vol.84, no.7, pp.1-4, 2023 (SCI-Expanded)
- XVIII. **Deep Network-Based Comprehensive Parotid Gland Tumor Detection.**
Sunneci K. M., Kaba E., Celiker F., Alkan A.
Academic radiology, 2023 (SCI-Expanded)
- XIX. **Spontaneous Thyroid Parenchymal Hemorrhage Causing Acute Airway Obstruction and Its Endovascular Treatment: A Case Report and Literature Review**
Kaba E., Beyazal M., Atas I.
CURRENT MEDICAL IMAGING REVIEWS, vol.19, 2023 (SCI-Expanded)
- XX. **Comparative parotid gland segmentation by using ResNet-18 and MobileNetV2 based DeepLab v3+ architectures from magnetic resonance images**
Sunneci K. M., KABA E., BEYAZAL ÇELİKER F., ALKAN A.
CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, vol.35, no.1, 2023 (SCI-Expanded)
- XXI. **RE: Regional Lymphadenopathy Following COVID-19 Vaccination in Patients with or Suspicious of Breast Cancer: A Quick Summary of Current Key Facts and Recommendations**
SEKMEN S., KABA E., HÜRSOY N., TAŞÇI F.
KOREAN JOURNAL OF RADIOLOGY, vol.23, no.10, pp.1028-1029, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Large Language Models on Magnetic Resonance Imaging Safety-Related Questions: Accuracy of ChatGPT-3.5, ChatGPT-4, Gemini, and Perplexity**
Kaba E., Bülbül H. M., Burakgazi G., Solak M., Tabakoğlu S., Topçu Varlık A., Hürsoy N., Beyazal Çeliker F.
Current Research in MRI, vol.3, no.1, pp.16-19, 2024 (Peer-Reviewed Journal)

- II. **Predicting COVID-19 Outcomes: Machine Learning Predictions Across Diverse Datasets**
Panç K., Hürsoy N., Başaran M., Yazici M. M., Kaba E., Nalbant E., Gündoğdu H., Gürün E.
CUREUS, vol.15, no.12, 2023 (ESCI)
- III. **Chronic Lymphocytic Lymphoma / Leukemia Infiltration of Prostate Gland Presenting with Hematuria: A Case Report**
Hacıbey I., Kaba E., Ozsoy S., Yuruk E., Yaser Muslumanoglu A.
International Journal of Clinical Urology, vol.7, no.2, pp.40-43, 2023 (Peer-Reviewed Journal)
- IV. **A Rare Cause of Unexplained Left Flank Pain: Nutcracker Syndrome**
Kaba A., Kaba E., Ardiç C.
KONURALP TIP DERGISI, vol.15, no.2, pp.273-276, 2023 (ESCI)
- V. **Mild Encephalitis/Encephalopathy with Reversible Splenic Lesion: Two Case Reports**
Kaba E., Beyazal M., Kaya M., Celiker F. B.
Current Research in MRI, vol.0, no.0, 2023 (Peer-Reviewed Journal)
- VI. **Page kidney after percutaneous nephrolithotomy**
Solak M., Kaba E.
EURORAD, 2023 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Abdominal computed tomography findings in patients with COVID-19**
Kaba E., Burakgazi G., Beyazal Çeliker F., Mahmutoğlu Çolak S., Sekmen S., Sağır L., Er H.
European Congress of Radiology 2023, Vienna, Austria, 1 - 05 March 2023, pp.205
- II. **İNTRAMÜSKÜLER ABSE İLE PREZENTE OLAN VAN NECK-ODELBERG HASTALIĞI**
Kaba E., Akmaz Ünlü H., Tığrak S., Tiftik., Keçeli M.
44. ULUSAL RADYOLOJİ KONGRESİ, Antalya, Turkey, 21 - 25 November 2023, pp.732-733
- III. **Diagnostic Value of Ultrasound-Based Deep Learning in Classification of Benign-Malignant Thyroid Nodules**
Solak M., Kaba E., Topçu Varlık A., Çubukçu Y., Sağır L., Sünnetçi K. M., Alkan A., Gündoğdu H., Beyazal Çeliker F., Beyazal M.
XVIII Balkan Congress of Radiology, Belgrade, Serbia, 19 - 20 October 2023, pp.100-101
- IV. **Damar Ç., Keçeli M., Kaba E.**
3. Sağlıklı Büyüyen Çocuk Kongresi, İzmir, Turkey, 5 - 08 October 2023, pp.63
- V. **DIFFERENTIATION OF IDIOPATHIC GRANULOMATOUS MASTITIS AND NON-MASS CONTRAST ENHANCEMENT USING BREAST MAGNETIC RESONANS IMAGING WITH DEEP LEARNING**
Er H., Taşçı F., Kaba E., Hürsoy N.
27.TÜRK MANYETİK REZONANS DERNEĞİ YILLIK BİLİMSEL TOPLANTISI, Ankara, Turkey, 11 - 13 May 2023, pp.75
- VI. **DEEP LEARNING-BASED AUTOMATIC SEGMENTATION OF PAROTID GLAND TUMORS USING MRI**
Kaba E., Sünnetçi K. M., Beyazal Çeliker F., Alkan A.
International Congress of Radiology 2023, Al-Ghardaqaq, Egypt, 15 - 17 March 2023, pp.104
- VII. **IMAGING FINDINGS OF EMPHYSEMATOUS URINARY TRACT INFECTIONS**
Kaba E., Er H., Kayaoğlu A. T., Solak M., Topçu A., Sekmen S., Sağır L., Panç K., Kaya M.
International Congress of Radiology, Al-Ghardaqaq, Egypt, 15 - 17 March 2023, pp.111
- VIII. **EVALUATION OF THE RELATIONSHIP BETWEEN SACRUM MR TEXTURE ANALYSIS PARAMETERS AND BONE MINERAL DENSITOMETRY MEASUREMENTS**
Kaba E., Hürsoy N., Sekmen S., Beykoz Çetin E., Sünnetçi K. M., Alkan A., Beyazal Çeliker F., Burakgazi G.
International Congress of Radiology 2023, Al-Ghardaqaq, Egypt, 15 - 17 March 2023, pp.98
- IX. **Segmentation of Parotid Gland Using Artificial Intelligence From Magnetic Resonance Imaging**
Kaba E., Sünnetçi K. M., Beyazal Çeliker F., Alkan A.
8th International Hippocrates Congress on Medical and Health Sciences, 4 - 05 March 2022, pp.672-675
- X. **MACHINE LEARNING BASED ON TEXTURE ANALYSIS TO EVALUATE THE RELATIONSHIP BETWEEN**

VITAMIN D LEVEL AND BRAIN STRUCTURES

Kaba E., Hürsoy N., Beyazal Çeliker F., Beyazal M., Er H., Burakgazi G.

32nd year Turkish Society of Neuroradiology congress with International Participation, İstanbul, Turkey, 24 - 26 March 2023, pp.651

XI. MILD ENCEPHALITIS/ENCEPHALOPATHY WITH REVERSIBLE SPLENIAL LESION (MERS)

Kaba E., Beyazal Çeliker F.

32nd year Turkish Society of Neuroradiology congress with International Participation, İstanbul, Turkey, 24 - 26 March 2023, pp.667

XII. NON-ANEURYSMAL PERIMESENCEPHALIC SUBARACHNOID HEMORRHAGE

Kaba E., Beyazal M., Beyazal Çeliker F., Sağır L.

32nd year Turkish Society of Neuroradiology congress with International Participation, İstanbul, Turkey, 24 - 26 March 2023, pp.672-673

XIII. FASCIOLA HEPATİCA GÖRÜNTÜLEME BULGULARI

Kaba E., Burakgazi G., Bağın Ü., Özsarıoğlu A., Er H., Sağır L.

43. ULUSAL RADYOLOJİ KONGRESİ, Antalya, Turkey, 1 - 05 November 2022, pp.309-310

XIV. ABDOMİNAL BT: HİPOPERFÜZYON KOMPLEKSİ

Sağır L., Kaba E., Sekmen S., Kayaoğlu A. T.

43. ULUSAL RADYOLOJİ KONGRESİ, Antalya, Turkey, 1 - 05 November 2022, pp.356-357

XV. NADİR BİR OLGU; MOBİL ÇEKUM

Kaba E., Burakgazi G., Er H., Kayaoğlu A. T., Sekmen S.

43. ULUSAL RADYOLOJİ KONGRESİ, Antalya, Turkey, 1 - 05 November 2022, pp.361-362

XVI. INVASIVE PITUITARY MACROADENOMA: A CASE REPORT

Kayaoğlu A. T., Kaba E., Beykoz Çetin E., Beyazal Çeliker F., Kaya M.

TÜRK MANYETİK REZONANS DERNEĞİ 26. YILLIK BİLİMSEL TOPLANTISI, Ankara, Turkey, 26 - 28 May 2022, pp.226-227

XVII. A RARE RCC MIMIC LESION; FAT-POOR ANGIOMYOLIPOMA

Kaba E., Türker S., Gündoğdu H., Sağır L.

TÜRK MANYETİK REZONANS DERNEĞİ 26. YILLIK BİLİMSEL TOPLANTISI, Ankara, Turkey, 26 - 28 May 2022, pp.139-140

XVIII. Perineal Abse Kültürü ve Kan Kültüründe Üreyen Zygosaccharomyces: İnsanlarda Yeni Patojen mi?

Bağın Ü., Yıldız İ. E., Kaba E., Ertürk A., Kostakoğlu U.

22. Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, Turkey, 9 - 12 March 2022, pp.509-510

XIX. OS ODONTOİDEUM:NADİR BİR SERVİKAL TRAVMA TAKLİTÇİSİ

Kaba E., Beyazal Çeliker F., Sekmen S., Sağır L.

42. ULUSAL RADYOLOJİ KONGRESİ, Antalya, Turkey, 26 - 31 October 2021, pp.861-862

XX. NADİR LOKALİZASYONLU PARAFARENGEAL DERMOİD KİST

Kaba E., Beyazal Çeliker F., Gül O., Kayaoğlu A. T.

42. ULUSAL RADYOLOJİ KONGRESİ, Antalya, Turkey, 26 - 31 October 2021, pp.773-774

XXI. FAHR SENDROMU

Kaba E., Beyazal Çeliker F., Başaran M., Kaya M.

42. ULUSAL RADYOLOJİ KONGRESİ, Antalya, Turkey, 26 - 31 October 2021, pp.605-606

XXII. GASTRİK SUBMUKOZAL TÜMÖRÜN NADİR BİR NEDENİ; SCHWANNOM

Er H., Kaba E., Sekmen S., Gündoğdu H., Başaran M.

42. ULUSAL RADYOLOJİ KONGRESİ, Antalya, Turkey, 26 - 31 October 2021, pp.734-735

XXIII. İMMUNSUPRESE HASTADA TÜM YÖNLERİYLE KRANİAL TÜBERKÜLOZ TUTULUMU

Kaba E., Beyazal Çeliker F., Er H., Beykoz Çetin E.

42. ULUSAL RADYOLOJİ KONGRESİ, Antalya, Turkey, 26 - 31 October 2021, pp.900-901

XXIV. COVID-19 Şüpheli Hastalarda BT Bulgularının Kategorizasyonunda Etkinlik ve Gözlemciler Arası Uyumun Araştırılması

HÜRSOY N., BAŞARAN M., ÖZEN E. A., PANÇ K., TOPAK A., SEKMEN S., KABA E., MAHMUTOĞLU ÇOLAK S., ERTÜRK A.

Türk Radyoloji Derneği Ulusal Kongresi, Turkey, 26 - 30 October 2021

XXV. COVID-19 Enfeksiyonu Klinik Seyir ve Mortaliteyi Öngörmeye Makine Öğrenmesinin Rolü

PANÇ K., KABA E., YAZICI M., HÜRSOY N.

Türk Radyoloji Derneği Ulusal Kongresi, 26 October 2021

XXVI. NADİR BİR KRONİK PELVİK AĞRI NEDENİ; RİA MİGRASYONU

Kaba E., Gündoğdu H., Eldeş T., Topak A., Er H.

41. ULUSAL RADYOLOJİ KONGRESİ, 24 October - 01 November 2020, pp.357-358

Scientific Refereeing

ACADEMIC RADIOLOGY, SCI Journal, February 2024

Abdominal Radiology, SCI Journal, October 2023

Metrics

Publication: 53

Citation (Scopus): 2

H-Index (Scopus): 1

Scholarships

VISITING SCHOLARSHIP PROGRAMMES EUROPE, Other International Organizations, 2023 - 2023