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Research Areas

Radiodiagnostic

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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)
- II. **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)
- III. **The R.E.N.A.L. nephrometry scoring from CT reports with ChatGPT: example with proofs.**
Topçu Varlık A., Kaba E., Burakgazi G.
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- IV. **Accuracy of Large Language Models in Thyroid Nodule-Related Questions Based on the Korean Thyroid Imaging Reporting and Data System (K-TIRADS)**
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KOREAN JOURNAL OF RADIOLOGY, vol.25, no.5, pp.499-500, 2024 (SCI-Expanded)
- V. **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)
- VI. **The Role of Prompt Engineering in Radiology Applications of Generative AI.**
Kaba E., Solak M., Çeliker F. B.
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- VII. **Zero-, Single-, and Few-Shot Learning in Large Language Models to Identify Incidental Findings From Radiology Reports**
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- VIII. **Pulmonary Artery Pseudoaneurysms in Cannonball Metastases.**
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- IX. **Performance of Different Large Language Models in the Sample Test of the European Cardiovascular Radiology Board Examination**
KABA E., AKKAYA S.
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- 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?**
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- XII. **Is it possible to make LI-RADS easier?**
SOLAK M., KABA E., BEYAZAL M.
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- 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., HACİBEY İ.
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.**
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- XVIII. **Deep Network-Based Comprehensive Parotid Gland Tumor Detection.**
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- XIX. **Spontaneous Thyroid Parenchymal Hemorrhage Causing Acute Airway Obstruction and Its Endovascular Treatment: A Case Report and Literature Review**
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- XX. **Comparative parotid gland segmentation by using ResNet-18 and MobileNetV2 based DeepLab v3+ architectures from magnetic resonance images**
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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.
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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**
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- II. **Predicting COVID-19 Outcomes: Machine Learning Predictions Across Diverse Datasets**
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- III. **Chronic Lymphocytic Lymphoma / Leukemia Infiltration of Prostate Gland Presenting with Hematuria: A Case Report**
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- IV. **A Rare Cause of Unexplained Left Flank Pain: Nutcracker Syndrome**
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- V. **Mild Encephalitis/Encephalopathy with Reversible Splenic Lesion: Two Case Reports**
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- VI. **Page kidney after percutaneous nephrolithotomy**
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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.
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- 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.
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- 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.
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- VII. **IMAGING FINDINGS OF EMPHYSEMATOUS URINARY TRACT INFECTIONS**
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- 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.
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- IX. **Segmentation of Parotid Gland Using Artificial Intelligence From Magnetic Resonance Imaging**
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- 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.

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- XI. **MILD ENCEPHALITIS/ENCEPHALOPATHY WITH REVERSIBLE SPLENIAL LESION (MERS)**
Kaba E., Beyazal Çeliker F.
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- XII. **NON-ANEURYSMAL PERIMESENCEPHALIC SUBARACHNOID HEMORRHAGE**
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- 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.
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- XV. **NADİR BİR OLGU; MOBİL ÇEKUM**
Kaba E., Burakgazi G., Er H., Kayaoğlu A. T., Sekmen S.
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- XVI. **INVASIVE PITUITARY MACROADENOMA: A CASE REPORT**
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- XVII. **A RARE RCC MIMIC LESION; FAT-POOR ANGIOMYOLIPOMA**
Kaba E., Türker S., Gündoğdu H., Sağır L.
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- XVIII. **Perineal Abse Kültürü ve Kan Kültüründe Üreyen Zygosaccharomyces: İnsanlarda Yeni Patojen mi?**
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- XIX. **OS ODONTOİDEUM:NADİR BİR SERVİKAL TRAVMA TAKLİTÇİSİ**
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- 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**
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XXV. COVID-19 Enfeksiyonu Klinik Seyir ve Mortaliteyi Öngörmeye Makine Öğrenmesinin Rolü

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XXVI. NADİR BİR KRONİK PELVİK AĞRI NEDENİ; RİA MİGRASYONU

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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