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Research Areas

Radiodiagnostic

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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)
- 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, 2024 (SCI-Expanded)
- III. **The Role of Prompt Engineering in Radiology Applications of Generative AI.**
Kaba E., Solak M., Çeliker F. B.
Academic radiology, 2024 (SCI-Expanded)
- IV. **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)
- V. **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)
- VI. **Pulmonary Artery Pseudoaneurysms in Cannonball Metastases.**
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- VII. **Can We Use Large Language Models for the Use of Contrast Media in Radiology?**
Kaba E., Vogl T. J.
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- VIII. **Retroperitoneal Necrotizing Fasciitis: A Rare Surgical Emergency**
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- IX. **Achilles Tendon Ossification.**
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- X. **Thyroid hemiagenesis**
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- XI. **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)
- XII. **Deep Network-Based Comprehensive Parotid Gland Tumor Detection.**
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- XIII. **Spontaneous Thyroid Parenchymal Hemorrhage Causing Acute Airway Obstruction and Its Endovascular Treatment: A Case Report and Literature Review**
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- XIV. **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)
- XV. **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., HÜRİSOY N., TAŞÇI F.
KOREAN JOURNAL OF RADIOLOGY, vol.23, no.10, pp.1028-1029, 2022 (SCI-Expanded)

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- I. **Predicting COVID-19 Outcomes: Machine Learning Predictions Across Diverse Datasets**
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CUREUS, vol.15, no.12, 2023 (ESCI)
- II. **Chronic Lymphocytic Lymphoma / Leukemia Infiltration of Prostate Gland Presenting with Hematuria: A Case Report**
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- III. **A Rare Cause of Unexplained Left Flank Pain: Nutcracker Syndrome**
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KONURALP TIP DERGISI, vol.15, no.2, pp.273-276, 2023 (ESCI)
- IV. **Mild Encephalitis/Encephalopathy with Reversible Splenial 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)
- V. **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.
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- II. **İNTRAMÜSKÜLER ABSE İLE PREZENTE OLAN VAN NECK-ODELBERG HASTALIĞI**
Kaba E., Akmaz Ünlü H., Tığrak S., Tiftik ., Keçeli M.

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III. Diagnostic Value of Ultrasound-Based Deep Learning in Classification of Benign-Malignant Thyroid Nodules

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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. EVALUATION OF THE RELATIONSHIP BETWEEN SACRUM MR TEXTURE ANALYSIS PARAMETERS AND BONE MINERAL DENSITOMETRY MEASUREMENTS

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X. MACHINE LEARNING BASED ON TEXTURE ANALYSIS TO EVALUATE THE RELATIONSHIP BETWEEN VITAMIN D LEVEL AND BRAIN STRUCTURES

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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

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

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XIII. ABDOMİNAL BT: HİPOPERFÜZYON KOMPLEKSİ

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XIV. NADİR BİR OLGU; MOBİL ÇEKUM

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XV. FASCIOLA HEPATİCA GÖRÜNTÜLEME BULGULARI

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

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XVII. INVASIVE PITUITARY MACROADENOMA: A CASE REPORT

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

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

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

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XX. İMMUNSUPRESE HASTADA TÖM YÖNLERİYLE KRANİAL TÜBERKÜLOZ TUTULUMU

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XXI. OS ODONTOİDEUM:NADİR BİR SERVİKAL TRAVMA TAKLİTÇİSİ

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

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XXII. FAHR SENDROMU

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XXIII. NADİR LOKALİZASYONLU PARAFARENGEAL DERMOİD KİST

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XXIV. GASTRİK SUBMUKOZAL TÖMÖRÜN NADİR BİR NEDENİ; SCHWANNOM

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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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Scientific Refereeing

ACADEMIC RADIOLOGY, SCI Journal, February 2024

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Scholarships

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