

# Asst. Prof. SELÇUK AKKAYA

## Personal Information

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## International Researcher IDs

ScholarID: Qq8-IZEAAAAJ

ORCID: 0000-0002-6680-1156

Publons / Web Of Science ResearcherID: X-7125-2018

ScopusID: 57213654813

Yoksis Researcher ID: 157627

## Education

2011 - 2016	Expertise In Medicine, Hacettepe University, Tıp Fakültesi, Radyoloji, Turkey
2004 - 2010	Undergraduate, Ankara University, Tıp Fakültesi, Turkey

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

2016	Düşük profilli örgülü stent ile tedavi edilmiş intrakranial anevrizmaların görüntüleme takibinin optimizasyonu , Hacettepe University, Tıp Fakültesi, Radyoloji, Expertise In Medicine
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## Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Radiodiagnostic

## Academic Positions

2018 - Continues	Karadeniz Technical University, Dahili Tıp, Radyoloji
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## Journal articles indexed in SCI, SSCI, and AHCI

- 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)
- Three-Dimensional Assessment of the Effects of Kinesio Taping on Mandibular Condylar Volume with Skeletal Class II Malocclusions**  
Bolukbasi M., BAŞER B., AKKAYA S., Ozunlu Pekiavas N.  
APPLIED SCIENCES-BASEL, vol.14, no.19, 2024 (SCI-Expanded)
- Diagnostic value of qualitative and quantitative enhancement parameters on contrast-enhanced**

## **mammography**

Kul M., Akkaya S., Kul S.

DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.30, no.4, pp.248-255, 2024 (SCI-Expanded)

- IV. **A Single Tertiary Center 14-year Experience With Mesenteric Panniculitis in Turkey: A Retrospective Study of 716 Patients**  
Atacan H., ERKUT M., Değirmenci F., AKKAYA S., FİDAN S., COŞAR A. M.  
Turkish Journal of Gastroenterology, vol.34, no.2, pp.140-147, 2023 (SCI-Expanded)
- V. **Acromiohumeral distance quantification during a variety of shoulder external and internal rotational exercises in recreationally overhead athletes**  
Eraslan L., Cools A., Yar O., AKKAYA S., DÜZGÜN İ.  
RESEARCH IN SPORTS MEDICINE, vol.31, no.6, pp.818-830, 2023 (SCI-Expanded)
- VI. **Diagnostic accuracy and performance of artificial intelligence in measuring left atrial volumes and function on multiphasic CT in patients with atrial fibrillation**  
Aquino G. J., Chamberlin J., Yacoub B., Kocher M. R., Kabakus I., Akkaya S., Mercer M., Waltz J., Fiegel M., Leaphart N., et al.  
EUROPEAN RADIOLOGY, vol.32, no.8, pp.5256-5264, 2022 (SCI-Expanded)
- VII. **Normative Values of Pediatric Thoracic Aortic Diameters Indexed to Body Surface Area Using Computed Tomography**  
Kocher M. R., Waltz J., Collins H., Schoepf U. J., Tran T., Guruvadoo K., Lehew H., Kabakus I. M., AKKAYA S., McBee M. P., et al.  
Journal of Thoracic Imaging, vol.37, pp.231-238, 2022 (SCI-Expanded)
- VIII. **Investigation of Effects of Gadolinium-Based Contrast Agents on Uterine Contractility Using Isolated Rat Myometrium**  
Dinç G., Salihoğlu A. K., Ozgoren B., Akkaya S., Ayar A.  
JOURNAL OF MAGNETIC RESONANCE IMAGING, vol.55, no.6, pp.1761-1770, 2022 (SCI-Expanded)
- IX. **Deep learning model to quantify left atrium volume on routine non-contrast chest CT and predict adverse outcomes**  
Aquino G. J., Chamberlin J., Mercer M., Kocher M., Kabakus I., AKKAYA S., Fiegel M., Brady S., Leaphart N., Dippre A., et al.  
Journal of Cardiovascular Computed Tomography, vol.16, pp.245-253, 2022 (SCI-Expanded)
- X. **The diagnostic value of non-contrast magnetic resonance coronary angiography in the assessment of coronary artery disease: A systematic review and meta-analysis**  
Zahergivar A., Kocher M., Waltz J., Kabakus I., Chamberlin J., Akkaya S., Agha A. M., Schoepf U. J., Burt J. R.  
HELIYON, vol.7, no.3, 2021 (SCI-Expanded)
- XI. **Radiological manifestations of thoracic hydatid cysts: pulmonary and extrapulmonary findings**  
DURHAN G., TAN A. A., Duzgun S. A., AKKAYA S., ARIYÜREK O. M.  
INSIGHTS INTO IMAGING, vol.11, no.1, 2020 (SCI-Expanded)
- XII. **Usefulness of contrast-enhanced and TOF MR angiography for follow-up after low-profile stent-assisted coil embolization of intracranial aneurysms**  
Akkaya S., AKÇA O., Arat A., PEKER A., BALCI S.  
INTERVENTIONAL NEURORADIOLOGY, vol.24, no.6, pp.655-661, 2018 (SCI-Expanded)
- XIII. **Percutaneous Treatment of Splenic Cystic Echinococcosis: Results of 12 Cases**  
AKHAN O., Akkaya S., Dagoglu M. G., Akpınar B., Erbahceci A., Ciftci T., Koroglu M., AKINCI D.  
CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY, vol.39, no.3, pp.441-446, 2016 (SCI-Expanded)
- XIV. **Anomalous small cardiac vein draining into the superior vena cava**  
Akkaya S., Ardali S., BALCI S., HAZIROLAN T.  
JOURNAL OF CARDIOVASCULAR COMPUTED TOMOGRAPHY, vol.9, no.3, pp.236-237, 2015 (SCI-Expanded)
- XV. **Left atrial drainage of the great cardiac vein**  
Akkaya S., Ardali S., BALCI S., HAZIROLAN T.  
JOURNAL OF CARDIOVASCULAR COMPUTED TOMOGRAPHY, vol.9, no.3, pp.225-226, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Overcoming therapeutic challenges in a case of refractory chylothorax following blunt abdominal trauma through the utility of cone-beam computed tomography lymphangiography**  
DİNÇ H., OĞUZ Ş., AKKAYA S., Bal E. M., Turkyilmaz A., KARAPOLAT B. S., TEKİNBAŞ C.  
AMERICAN JOURNAL OF CARDIOVASCULAR DISEASE, no.1, pp.48-55, 2025 (ESCI)
- II. **Quantification of paravertebral cross-sectional muscle areas and fatty degeneration via magnetic resonance imaging in ankylosing spondylitis: a comprehensive analysis**  
AKKAYA S., SAĞLAM A., Demirulus S., BAYKAL S., KILIÇ G., ÇAPKIN E., KARKUCAK M.  
ARP Rheumatology, vol.4, no.1, pp.13-19, 2025 (Scopus)
- III. **Magnetic Resonance Imaging- Defined Lumbar Paraspinal Muscle Morphometry and Lumbopelvic Parameters in Patients with Lumbar Isthmic Spondylolisthesis**  
AKKAYA S., SAĞLAM AKKAYA G.  
JOURNAL OF ACADEMIC RESEARCH IN MEDICINE-JAREM, 2024 (ESCI)
- IV. **An Assessment of the Tracheobronchial Branching Anomalies in 1000 Adult Patients: A Computed Tomography-based Population Study**  
DEĞİRMENCİ M. F., AKKAYA S.  
JOURNAL OF ACADEMIC RESEARCH IN MEDICINE-JAREM, vol.13, no.3, pp.145-152, 2023 (ESCI)
- V. **Osteoma infiltrated by schwannoma in sinonasal region: radiologically masquerading as a malign tumor**  
saygın i., cakir e., Çobanoğlu Ü., akkaya s.  
Cukurova Medical Journal, vol.48, no.2, pp.740-742, 2023 (ESCI)
- VI. **Diagnostic Value of Radiographic Characteristics of Mediastinal and Hilar Lymph Nodes in Sarcoidosis**  
AYÇİÇEK O., BÜLBÜL Y., ÖZLÜ T., ÖZTUNA F., AKKAYA S.  
Turkish Thoracic Journal, 2022 (ESCI)
- VII. **A Case of Primary Hyperparathyroidism Coincident with Advanced Iliac Artery Aneurism**  
Kisioglu S. V., Gunay Y. E., AKKAYA S., NUHOĞLU İ.  
ERCIYES MEDICAL JOURNAL, vol.43, no.5, pp.499-501, 2021 (ESCI)
- VIII. **The Case of a Multi-Locular Bronchogenic Cyst Found in Periadrenal Fatty Tissue**  
EMÜR GÜNAY Y., Kisioglu S. V., ÇAKIR E., AKKAYA S., COŞKUN H.  
TURKISH JOURNAL OF ENDOCRINOLOGY AND METABOLISM, vol.24, no.2, pp.163-167, 2020 (ESCI)
- IX. **Caseous Necrosis of Mitral Annulus.**  
BALCI S., AKKAYA S., ARDALI S., HAZIROLAN T.  
Case Reports in Radiology, 2015 (Peer-Reviewed Journal)

## Metrics

Publication: 24

Citation (WoS): 112

Citation (Scopus): 113

H-Index (WoS): 6

H-Index (Scopus): 7

## Non Academic Experience

2018 - 2019

Other Public Institution, Kaçkar Devlet Hastanesi

2016 - 2018

KAÇKAR DEVLET HASTANESİ, RADYOLOJİ UZMANI