

## Assoc. Prof. DENİZ CAN ALİS

### Personal Information

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### International Researcher IDs

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### Biography

Dr. Deniz Alis graduated from Cerrahpasa Medical Faculty in 2013. He finished his training in 2018 with a doctor's degree. He completed his government service obligation in Mehmet Akif Ersoy Cardiovascular research and training hospital. Dr. Alis primarily engaged in high-end cardiovascular radiology applications such as cardiac magnetic resonance imaging and coronary computed tomography in clinical and academic environments. He started to work at the Mehmet Ali Aydınlar Acibadem University, Maslak Acibadem Hospital, in April 2020 as an assistant professor in radiology. He became an associate professor of radiology in 2021. His primary focus in the Acibadem Healthcare group was contributing to the group's already high healthcare, providing standards, particularly with his expertise in cardiovascular imaging and artificial intelligence. Dr. Alis is the co-author of more than 50 papers published in international journals, including several articles on machine learning for medical imaging. In addition, Dr. Alis is the co-founder and CEO of Hevi AI, a start-up company producing deep learning-based software solutions for medical imaging.

### Education Information

Expertise In Medicine, İstanbul University-Cerrahpaşa, Cerrahpasa Faculty Of Medicine, Department Of Internal Medicine, Turkey 2013 - 2018

Undergraduate, İstanbul University, Cerrahpaşa Tıp Fakültesi, Cerrahpaşa Tıp Pr. (İngilizce), Turkey 2007 - 2013

### Foreign Languages

English, C1 Advanced

### Research Areas

Radiodiagnostic

### Academic Titles / Tasks

Associate Professor, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Medical Sciences, 2020 - Continues

Research Assistant, İstanbul University, Cerrahpaşa Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2013 - 2017

## Courses

MED 511- Urology, Undergraduate, 2022 - 2023, 2021 - 2022

MED 311 – Cardiovascular System and Related Disorders, Undergraduate, 2022 - 2023

Radyoterapi Tıbbi Görüntüleme Teknikleri- Radyolojik Anatomi, Associate Degree, 2018 - 2019

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Awareness and level of digital literacy among students receiving health-based education**  
Aydınlar A., Mavi A., Kütükçü E., KIRIMLI E. E., ALİS D. C., AKIN A., ALTINTAŞ L.  
BMC Medical Education, vol.24, no.1, 2024 (SCI-Expanded)
- II. **Quantitative evaluation of Saliency-Based Explainable artificial intelligence (XAI) methods in Deep Learning-Based mammogram analysis**  
Cerekci E., ALİS D. C., Denizoglu N., Camurdan O., Seker M. E., Özer C., Hansu M. Y., Tanyel T., Öksüz İ., KARAARSLAN E.  
EUROPEAN JOURNAL OF RADIOLOGY, vol.173, 2024 (SCI-Expanded)
- III. **Automated LVO detection and collateral scoring on CTA using a 3D self-configuring object detection network: a multi-center study**  
Bagcilar O., ALİS D. C., Alis C., Seker M. E., Yergin M., Ustundag A., Hikmet E., Tezcan A., Polat G., Akkus A. T., et al.  
SCIENTIFIC REPORTS, vol.13, no.1, 2023 (SCI-Expanded)
- IV. **Anatomically guided self-adapting deep neural network for clinically significant prostate cancer detection on bi-parametric MRI: a multi-center study**  
Karagoz A., ALİS D. C., Seker M. E., Zeybel G., Yergin M., Öksüz İ., KARAARSLAN E.  
INSIGHTS INTO IMAGING, vol.14, no.1, 2023 (SCI-Expanded)
- V. **Deep learning for assessing image quality in bi-parametric prostate MRI: A feasibility study**  
ALİS D. C., Kartal M. S., Seker M. E., Guroz B., Basar Y., Arslan A., Sirolu S., Kurtcan S., Denizoglu N., Tuzun U., et al.  
EUROPEAN JOURNAL OF RADIOLOGY, vol.165, 2023 (SCI-Expanded)
- VI. **Inter-reader agreement of the prostate imaging quality (PI-QUAL) score for basic readers in prostate MRI: A multi-center study**  
Basar Y., ALİS D. C., Seker M. E., Kartal M. S., Guroz B., Arslan A., Sirolu S., Kurtcan S., Denizoglu N., KARAARSLAN E.  
EUROPEAN JOURNAL OF RADIOLOGY, vol.165, 2023 (SCI-Expanded)
- VII. **The Role of Whole-Body Magnetic Resonance Imaging in Assessing Extrapulmonary Metastases in Osteosarcoma Staging and Restaging: A Pilot Study.**  
Karaarslan E., Alis D. C., Basar Y., Kumbasar B., Kalayci C. B., Alpan B., Ozger H.  
Journal of computer assisted tomography, vol.47, no.4, pp.629-636, 2023 (SCI-Expanded)
- VIII. **Outcome Predictors of Lesional Posterior Cortex Epilepsy Surgery**  
Alis C., İŞLER C., ALİS D. C., UZAN M., ÖZKARA Ç.  
WORLD NEUROSURGERY, vol.172, 2023 (SCI-Expanded)
- IX. **Does deep learning software improve the consistency and performance of radiologists with various levels of experience in assessing bi-parametric prostate MRI?**  
Arslan A., ALİS D. C., Erdemli S., Seker M. E., Zeybel G., Sirolu S., Kurtcan S., KARAARSLAN E.  
INSIGHTS INTO IMAGING, no.1, 2023 (SCI-Expanded)
- X. **Subclinical atherosclerosis in patients with hidradenitis suppurativa treated with TNF inhibitors**  
Oba M. C., AŞKIN Ö., GÜNVER M. G., Kocaarslan G., ALİS D. C., ENGİN B.  
SKIN RESEARCH AND TECHNOLOGY, vol.29, no.3, 2023 (SCI-Expanded)
- XI. **The analysis of F-18-FDG PET/MRI, electroencephalography, and semiology in patients with gray matter heterotopia: A pilot study**  
Alis C., ALİS D. C., USLU BEŞLİ R. L., KARAARSLAN E., SÖNMEZOĞLU K., ÖZKARA Ç., Yeni S. N.  
ACTA NEUROLOGICA SCANDINAVICA, vol.146, no.5, pp.662-670, 2022 (SCI-Expanded)
- XII. **A joint convolutional-recurrent neural network with an attention mechanism for detecting**

**intracranial hemorrhage on noncontrast head CT**

ALİS D. C., Alis C., Yergin M., Topel C., Asmakutlu O., Bagcilar O., Senli Y. D., ÜSTÜNDAĞ A., SALT V., Dogan S., et al. SCIENTIFIC REPORTS, vol.12, no.1, 2022 (SCI-Expanded)

- XIII. **A Comparative Study of Multiparametric MRI Sequences in Measuring Prostate Cancer Index Lesion Volume**  
Bagcilar O., ALİS D. C., Seker M., Erdemli S., Karaarslan U., ALTAN KUŞ A., Kayhan C., SAĞLİCAN Y., KURAL A. R., KARAARSLAN E.  
JOURNAL OF THE BELGIAN SOCIETY OF RADIOLOGY, vol.106, no.1, 2022 (SCI-Expanded)
- XIV. **Third-Generation Dual-Source Computed Tomography for Coronary Angiography With Individually Tailored Scan Protocols Can Achieve a Low Radiation Dose With Good Image Quality in Unselected Patients**  
Basar Y., AKBAŞ T., ALİS D. C., Ulus S., Topel C., Sanli D. E. T., KARAARSLAN E.  
JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY, vol.46, no.1, pp.41-49, 2022 (SCI-Expanded)
- XV. **Association between left ventricular strain and cardiac iron load in beta-thalassaemia major: a cardiac magnetic resonance study.**  
Alis D. C., Asmakutlu O., Topel C., Sahin A. A., Karaarslan E.  
Acta cardiologica, vol.77, no.1, pp.71-80, 2022 (SCI-Expanded)
- XVI. **Performance of apparent diffusion coefficient values and ratios for the prediction of prostate cancer aggressiveness across different MRI acquisition settings.**  
Karaarslan E., Altan Kus A., Alis D., Karaarslan U. C., Saglican Y., Argun O. B., Kural A. R.  
Diagnostic and interventional radiology (Ankara, Turkey), vol.28, no.1, pp.12-20, 2022 (SCI-Expanded)
- XVII. **IS NEUTROPHILE TO LYMPHOCYTE RATIO A PREDICTOR OF GLEASON SCORE UPGRADING ACCORDING TO RISK CLASSIFICATIONS IN PATIENTS WITH PROSTATE CANCER**  
Karadag S., Eksi M., Ozdemir O., Akkas F., Arikan Y., Ozlu D. N., Colakoglu Y., ALİS D. C., Sahin S., Tugcu V.  
ARCHIVOS ESPANOLES DE UROLOGIA, vol.74, no.6, pp.599-605, 2021 (SCI-Expanded)
- XVIII. **Inter-vendor performance of deep learning in segmenting acute ischemic lesions on diffusion-weighted imaging: a multicenter study**  
ALİS D. C., Yergin M., ALİŞ C., Topel C., Asmakutlu O., Bagcilar O., Senli Y. D., ÜSTÜNDAĞ A., SALT V., Dogan S., et al. SCIENTIFIC REPORTS, vol.11, no.1, 2021 (SCI-Expanded)
- XIX. **The visibility of prostate cancer concerning underlying histopathological variances: A single-center multiparametric magnetic resonance imaging study.**  
Arslan A., Alis D. C., Tuna M. B., Sağlıcan Y., Kural A. R., Karaarslan E.  
European journal of radiology, vol.141, pp.109791, 2021 (SCI-Expanded)
- XX. **The influence of cardiac motion on radiomics features: radiomics features of non-enhanced CMR cine images greatly vary through the cardiac cycle**  
Alis D. C., Yergin M., Asmakutlu O., Topel C., KARAARSLAN E.  
EUROPEAN RADIOLOGY, vol.31, no.5, pp.2706-2715, 2021 (SCI-Expanded)
- XXI. **Diagnostic value of left atrial strain in pediatric hypertrophic cardiomyopathy with normal maximum left atrial volume index: preliminary cardiac magnetic resonance study.**  
Alis D. C., Asmakutlu O., Topel C., Karaarslan E.  
Pediatric radiology, vol.51, no.4, pp.594-604, 2021 (SCI-Expanded)
- XXII. **Does Employing a Flowchart Improve the Diagnostic Performance of Cardiac Magnetic Resonance Imaging in Left Ventricular Noncompaction?**  
ALİS D. C., BAĞCILAR Ö., Asmakutlu O., Topel C., BAĞCILAR Y. D., Sahin A., Gurbak I., KARAARSLAN E.  
ACTA CARDIOLOGICA SINICA, vol.37, no.2, pp.166-176, 2021 (SCI-Expanded)
- XXIII. **Whole-body MRI for preventive health screening: Management strategies and clinical implications.**  
Basar Y., Alis D. C., Tekcan Sanli D. E., Akbas T., Karaarslan E.  
European journal of radiology, vol.137, pp.109584, 2021 (SCI-Expanded)
- XXIV. **Patients with ACL graft deficiency showed a higher frequency of knee osteoarthritis compared with patients with intact ACL graft in the medium term**  
Asmakutlu O., Alis D. C., Topel C., Bankaoglu M.

- SKELETAL RADIOLOGY, vol.50, no.1, pp.137-148, 2021 (SCI-Expanded)
- XXV. **A new perspective on imaging of olfactory dysfunction: Does size matter?**  
YILDIRIM D., Altundag A., Sanli D. E. T., Bakir A., Eryurekli A., Alis D. C., Kandemirli S. G.  
EUROPEAN JOURNAL OF RADIOLOGY, vol.132, 2020 (SCI-Expanded)
- XXVI. **Late gadolinium enhancement on CMRI in patients with LV noncompaction: An overestimated phenomenon?**  
Asmakutlu O., Alis D. C., Topel C., Sahin A.  
CLINICAL IMAGING, vol.66, pp.121-126, 2020 (SCI-Expanded)
- XXVII. **The diagnostic value of quantitative texture analysis of conventional MRI sequences using artificial neural networks in grading gliomas**  
Alis D. C., Bagcilar O., Senli Y. D., İŞLER C., Yergin M., Kocer N., Islak C., Kizilkilic O.  
CLINICAL RADIOLOGY, vol.75, no.5, pp.351-357, 2020 (SCI-Expanded)
- XXVIII. **Clinical and radiological findings of a rare case: reversible Parkinsonism in cerebral venous sinus thrombosis**  
Alis D. C., Alis C., Yazici A. D. E., Akdeniz Y. S., APAYDIN H.  
ACTA NEUROLOGICA BELGICA, vol.120, no.2, pp.491-493, 2020 (SCI-Expanded)
- XXIX. **Assessment of ventricular tachyarrhythmia in patients with hypertrophic cardiomyopathy with machine learning-based texture analysis of late gadolinium enhancement cardiac MRI**  
Alis D. C., Guler A., Yergin M., Asmakutlu O.  
DIAGNOSTIC AND INTERVENTIONAL IMAGING, vol.101, no.3, pp.137-146, 2020 (SCI-Expanded)
- XXX. **Machine learning-based quantitative texture analysis of conventional MRI combined with ADC maps for assessment of IDH1 mutation in high-grade gliomas**  
ALIS D. C., Bagcilar O., Senli Y. D., Yergin M., İŞLER C., Kocer N., Islak C., KIZILKILIÇ O.  
JAPANESE JOURNAL OF RADIOLOGY, vol.38, no.2, pp.135-143, 2020 (SCI-Expanded)
- XXXI. **Diagnostic Accuracy of Ultrasound for the Evaluation of Lateral Compartment Lymph Nodes in Papillary Thyroid Carcinoma**  
Colakoglu B., Alis D. C., Seymen H.  
CURRENT MEDICAL IMAGING, vol.16, no.4, pp.459-465, 2020 (SCI-Expanded)
- XXXII. **Superb Microvascular Imaging Compared With Power Doppler Ultrasound in Assessing Synovitis of the Knee in Juvenile Idiopathic Arthritis A Preliminary Study**  
ALIS D. C., Erol B. C., Akbas S., BARUT K., KASAPÇOPUR Ö., ADALETLİ İ.  
JOURNAL OF ULTRASOUND IN MEDICINE, vol.39, no.1, pp.99-106, 2020 (SCI-Expanded)
- XXXIII. **Diagnostic Value of Machine Learning-Based Quantitative Texture Analysis in Differentiating Benign and Malignant Thyroid Nodules**  
Colakoglu B., Alis D. C., Yergin M.  
JOURNAL OF ONCOLOGY, vol.2019, 2019 (SCI-Expanded)
- XXXIV. **Is there any association between jugular venous reflux and nonpulsatile subjective tinnitus? A preliminary study of four-dimensional magnetic resonance angiography**  
YILDIRIM D., ALIS D. C., Turkmen S., Bakir A., Temirbekov D., SAMANCI C., Sirin A. A., Ustabasioglu F. E.  
NIGERIAN JOURNAL OF CLINICAL PRACTICE, vol.22, no.10, pp.1430-1434, 2019 (SCI-Expanded)
- XXXV. **Prognostic value of ADC measurements in predicting overall survival in patients undergoing Y-90 radioembolization for colorectal cancer liver metastases**  
ALIS D. C., Durmaz E. S. M., GÜLŞEN F., Bas A., Kabasakal L., SAĞER M. S., Numan F.  
CLINICAL IMAGING, vol.57, pp.124-130, 2019 (SCI-Expanded)
- XXXVI. **Evaluation of lumbar multifidus muscle in patients with lumbar disc herniation: are complex quantitative MRI measurements needed?**  
Colakoglu B., Alis D. C.  
JOURNAL OF INTERNATIONAL MEDICAL RESEARCH, vol.47, no.8, pp.3590-3600, 2019 (SCI-Expanded)
- XXXVII. **Apparent diffusion coefficient characteristics of parenchymal neuro-Behcet's disease**  
Alis D. C., Alis C., Tutuncu M., Kocer N., Islak C., Kizilkilic O.  
INTERNATIONAL JOURNAL OF RHEUMATIC DISEASES, vol.22, no.8, pp.1452-1458, 2019 (SCI-Expanded)

- XXXVIII. **Prediction of recurrence in non-muscle invasive bladder cancer patients. Do patient characteristics matter?**  
Ucpinar B., Erbin A., Ayranci A., Caglar U., Alis D. C., Basal S., Sarilar O., Akbulut M. F.  
JOURNAL OF BUON, vol.24, no.4, pp.1659-1665, 2019 (SCI-Expanded)
- XXXIX. **Shear Wave Elastography of the Lumbar Multifidus Muscle in Patients With Unilateral Lumbar Disk Herniation**  
Alis D. C., Durmaz E. S. M., Alis C., Erol B. C., Okur B., Kizilkilic O., Mihmanli I.  
JOURNAL OF ULTRASOUND IN MEDICINE, vol.38, no.7, pp.1695-1703, 2019 (SCI-Expanded)
- XL. **Kanser Gündemi: Nazofarenks Kanseri**  
ALİŞ D. C., KIZILKILIÇ O.  
UROLOGIC CLINICS OF NORTH AMERICA, vol.7, no.2, pp.20-28, 2019 (SCI-Expanded)
- XL I. **A comparative study of shear wave elastography in the evaluation of undescended and retractile testes in a pediatric population**  
Turna O., Alis D. C.  
JOURNAL OF MEDICAL ULTRASONICS, vol.46, no.2, pp.231-237, 2019 (SCI-Expanded)
- XL II. **Shear Wave Elastography in the Evaluation of the Kidneys in Pediatric Patients with Unilateral Vesicoureteral Reflux**  
KALYONCU UÇAR A., Cicek R. Y., ALİS D. C., Akbas S., Habibi H. A., Arslan M. U., Eral G., SÜLEYMAN A., ÇALIŞKAN S., ADALETLİ İ.  
JOURNAL OF ULTRASOUND IN MEDICINE, vol.38, no.2, pp.379-385, 2019 (SCI-Expanded)
- XL III. **Diagnostic Capabilities of MRI Versus F-18 FDG PET-CT in Postoperative Patients with Thyroglobulin Positive, I-131-negative Local Recurrent or Metastatic Thyroid Cancer**  
SAMANCI C., Onal Y., SAĞER M. S., Asa S., Ustabasioglu F. E., Alis D. C., Akman C., SÖNMEZOĞLU K.  
CURRENT MEDICAL IMAGING, vol.15, no.10, pp.956-964, 2019 (SCI-Expanded)
- XL IV. **The preliminary results of a new CT-guided periradicular cervical steroid injection technique: safety and feasibility of the lateral peri-isthmic approach in 28 patients**  
Ulusoy O. L., Alis D. C., Mutlu A., Colakoglu B., Sirvanci M.  
SKELETAL RADIOLOGY, vol.47, no.12, pp.1607-1613, 2018 (SCI-Expanded)
- XL V. **Preoperative arterial embolization of endobronchial glomus tumor before endoscopic removal**  
Bakan S., Alis D. C., Namdar Y., GÜLŞEN F., KILIÇ B., ÖZ A. B.  
DIAGNOSTIC AND INTERVENTIONAL IMAGING, vol.99, no.9, pp.579-580, 2018 (SCI-Expanded)
- XL VI. **A Case Report of Symptomatic Subclavius Posticus Muscle in a Synchronized Swimmer**  
Ulusoy O. L., Barlas B. S., Mutlu A., Alis D. C., Enercan M.  
IRANIAN JOURNAL OF RADIOLOGY, vol.15, no.3, 2018 (SCI-Expanded)
- XL VII. **Evaluation of median nerve by shear wave elastography and diffusion tensor imaging in carpal tunnel syndrome**  
Cingoz M., Kandemirli S. G., Alis D. C., SAMANCI C., Kandemirli G. C., Adatepe N. U.  
EUROPEAN JOURNAL OF RADIOLOGY, vol.101, pp.59-64, 2018 (SCI-Expanded)
- XL VIII. **Magnetic Resonance and Computed Tomography Findings of Isolated Hydatid Cyst of the Interventricular Septum**  
Alis D. C., Turna O.  
JOURNAL OF THE BELGIAN SOCIETY OF RADIOLOGY, vol.102, no.1, 2018 (SCI-Expanded)
- XL IX. **Commenton "Adding Shear Wave Elastography to Conventional Sonography Did Not Improve Diagnostic Performance: Was There a Problem With the Cut off Value?"**  
Alis D. C., Yildirim D.  
JOURNAL OF ULTRASOUND IN MEDICINE, vol.36, no.6, pp.1286-1287, 2017 (SCI-Expanded)
- L. **Apparent diffusion coefficient measurement of ovarian stroma: A potential tool for the diagnosis of polycystic ovary syndrome**  
SAMANCI C., Alis D. C., Ustabasioglu F. E., ÖZMEN E., KALYONCU UÇAR A., ASLAN M. Ç., Habibi H. A., Bakan S., Ozcabi B., EVLİYAOĞLU S. O., et al.  
DIAGNOSTIC AND INTERVENTIONAL IMAGING, vol.98, no.1, pp.57-61, 2017 (SCI-Expanded)

- LI. **A Rare Complication of Behcet's Disease: An Incidentally Detected and Spontaneously Thrombosed Sinus of Valsalva Aneurysm**  
Bakan S., Yamac E., Alis D. C., Ustabasioglu F. E.  
ANNALS OF THORACIC SURGERY, vol.101, no.5, 2016 (SCI-Expanded)
- LII. **Pre-operative Angiographic Demonstration of Meckel's Diverticulum with Massive Bleeding**  
Bas A., Alis D. C., SAMANCI C., Ustabasioglu F., Bakan S., Cetin A.  
JOURNAL OF THE BELGIAN SOCIETY OF RADIOLOGY, vol.100, no.1, 2016 (SCI-Expanded)
- LIII. **Penile masses: Shear Wave Elastography correlated with Magnetic Resonance Imaging. A two cases report**  
Alis D. C., Ustabasioglu F. E., SAMANCI C., Boz S. M., ŞİROLU S., Kantarci F.  
MEDICAL ULTRASONOGRAPHY, vol.18, no.4, pp.515-517, 2016 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Letter to the Editor: Facilitating Proximal Anastomosis in Minimally Invasive Coronary Artery Bypass Grafting**  
Özcan Z. S., Baştopçu M., ARSLANHAN G., Karaağaç A., SENAY S., KOÇYİĞİT M., Değirmencioğlu A., ALİS D. C., ALHAN C.  
Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, vol.19, no.3, pp.330, 2024 (ESCI)
- II. **Robot-Assisted Minimally Invasive Multivessel Coronary Bypass Guided by Computerized Tomography**  
Arslanhan G., Ozcan Z. S., Senay S., Bastopcu M., KOÇYİĞİT M., Degirmencioğlu A., ALİS D. C., Alhan C.  
INNOVATIONS-TECHNOLOGY AND TECHNIQUES IN CARDIOTHORACIC AND VASCULAR SURGERY, no.1, pp.30-38, 2024 (ESCI)
- III. **Revisiting imaging features of rectosigmoid vascular malformation with emphasis on multiparametric MRI: a case report**  
Erdemli S., ALİS D. C., Cicek B., Goksel S., KARAHASANOĞLU T., KARAARSLAN E.  
EGYPTIAN JOURNAL OF RADIOLOGY AND NUCLEAR MEDICINE, vol.53, no.1, 2022 (ESCI)
- IV. **Diagnostic values of edema-sensitive T2-weighted imaging, TSE T1-weighted early contrast-enhanced imaging, late gadolinium enhancement, and the Lake Louise criteria in assessing acute myocarditis: A single-center cardiac magnetic resonance study**  
Alis D. C., Guler A., Asmakutlu O., Uygur B., Ordekci S.  
TURK KARDIYOLOJİ DERNEĞİ ARSIVI-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.48, no.3, pp.246-254, 2020 (Peer-Reviewed Journal)
- V. **Evaluation of Intercondylar Notch, Condylar Morphology and Tibial Slope on Magnetic Resonance Imaging and Their Influence on Rupture of the Anterior Cruciate Ligament**  
USTABAŞIOĞLU F. E., SAMANCI C., ALİŞ D. C.  
Haydarpaşa Numune Eğitim ve Araştırma Hastanesi Tıp Dergisi, vol.60, no.2, pp.116-122, 2020 (Peer-Reviewed Journal)
- VI. **Diagnostic Values of Edema-Sensitive T2-weighted Imaging, TSE T1-weighted Early Contrast-Enhanced Imaging, Late Gadolinium Enhancement, and Lake Louise Criteria in Assessing Acute Myocarditis: A Single Center Cardiac Magnetic Resonance Study**  
ALİŞ D. C., Güler A., Asmakutlu O., Uygur B., Ördekçi S.  
TURK KARDIYOLOJİ DERNEĞİ ARSIVI, vol.48, no.3, pp.246-254, 2020 (ESCI)
- VII. **Hashimoto Thyroiditis: Simple Diagnosis with 2D-Shear Wave Elastography**  
Yıldırım D., Aliş D. C., Şahin M., Bakır A., Kılavuz A. E.  
International Journal of Clinical Medicine, vol.11, pp.23-31, 2020 (Peer-Reviewed Journal)
- VIII. **Diagnostic Value of Ultrasound and Tc-99m MIBI scintigraphy and SPECT/CT for Pre-operative Localization of Parathyroid Adenoma in Patients with Primary Hyperparathyroidism: A Single-Center Comparative Study**

Colakoglu B., Alis D. C.

JOURNAL OF ACADEMIC RESEARCH IN MEDICINE-JAREM, vol.9, no.3, pp.115-120, 2019 (Peer-Reviewed Journal)

- IX. **Quantified Magnetic Resonance Spectroscopy in the Diagnosis of Burning Mouth Syndrome**  
YILDIRIM D., ALIŞ D. C., ALIŞ C., Pekiner F. N., BAKIR A., Türkmen S., Temirbekov D.  
Open Journal of Medical Imaging, vol.9, no.03, pp.33-41, 2019 (Peer-Reviewed Journal)
- X. **Diagnostic accuracy of noncompacted-to-compacted wall ratio criteria on CMRI for the diagnosis of left ventricular noncompaction**  
Alis D. C., Sahin A., Guler A., Asmakutlu O.  
MARMARA MEDICAL JOURNAL, vol.32, no.3, pp.124-129, 2019 (Peer-Reviewed Journal)
- XI. **Apparent Diffusion Coefficient Measurement in Mediastinal Lymphadenopathies: Differentiation between Benign and Malignant Lesions**  
Ustabasioglu F. E., SAMANCI C., Alis D. C., ŞENGÜL SAMANCI N., Kula O., Olgun D. C.  
JOURNAL OF CLINICAL IMAGING SCIENCE, vol.7, pp.1-5, 2017 (Peer-Reviewed Journal)
- XII. **Elastography in Distinguishing Benign from Malignant Thyroid Nodules**  
Çolakoglu B., YILDIRIM D., ALIŞ D. C., Ucar G., SAMANCI C., USTABAŞIOĞLU F. E., Bakir A., Ulusoy O. L.  
JOURNAL OF CLINICAL IMAGING SCIENCE, vol.6, pp.51, 2016 (Scopus)
- XIII. **Multiple pericardial abscesses in a child with known chronic granulomatous disease**  
Kalyoncu A. U., Habibi H. A., Aslan M., Alis D. C., AYGÜN F. D., Camcioglu Y., ADALETLİ İ.  
ANNALS OF PEDIATRIC CARDIOLOGY, vol.9, no.3, pp.272-273, 2016 (Peer-Reviewed Journal)
- XIV. **A Very Rare Complication of Acute Appendicitis: Appendicovesical Fistula**  
ALIŞ D. C., SAMANCI C., NAMDAR Y., USTABAŞIOĞLU F. E., YAMAÇ E., TUTAR O., UÇPINAR B., ÖNAL B.  
Case Reports in Urology, vol.2016, pp.1-3, 2016 (Peer-Reviewed Journal)
- XV. **Laparoscopic Management of a Very Rare Case: Cystic Artery Pseudoaneurysm Secondary to Acute Cholecystitis**  
ALIŞ D. C., Ferahman S., Demiryas S., SAMANCI C., USTABAŞIOĞLU F. E.  
CASE REPORTS IN SURGERY, vol.2016, pp.1-3, 2016 (Peer-Reviewed Journal)
- XVI. **Diffusion Tensor Imaging without Complex Statistical Analysis Could Be Helpful for Diagnosis**  
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- XVII. **Typical MDCT Angiography Findings of an Unusual Cutaneous Neoplasia; Masson Tumor**  
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- I. **STUDY ON CRANIAL MAGNETIC RESONANCE SPECTROSCOPY: AN UPDATE OF METABOLITES AND A SPECIAL EMPHASIS ON PRACTICAL POINTS**  
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- II. **DISCUSSING THE DIFFUSION TENSOR IMAGING WITHOUT COMPLEX STATISTICAL ANALYSIS COULD BE HELPFUL FOR DIAGNOSIS**  
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- III. **Politravmanın radyolojik değerlendirilmesi**

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- I. **Retrospective analysis of fetal magnetic resonance imaging (feMRI) examinations in the last 10 years at a tertiary center: experience of a single radiologist and a single perinatologist**  
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55th European-Society-of-Human-Genetics (ESHG) Conference, Vienna, Austria, 11 - 14 June 2022, pp.105
- II. **DEEP LEARNING FOR AUTOMATED ACUTE ISCHEMIC LESION SEGMENTATION ON DWI**  
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30. Yıl Uluslararası Katılımlı Tanısal ve Girişimsel Nöroradyoloji Boyun Radyolojisi Kongresi, İstanbul, Turkey, 17 - 21 February 2021
- III. **THE DIAGNOSTIC PERFORMANCE OF CONVOLUTIONAL RECURRENT NEURAL NETWORKS FOR DETECTING INTRACRANIAL HEMORRHAGE (ICH) ON NON-CONTRAST HEAD COMPUTED TOMOGRAPHY**  
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- IV. **AUTOMATED DETECTION AND DEMONSTRATION OF ISCHEMIC STROKE ON DWI USING CONVOLUTIONAL NEURAL NETWORKS WITH GRADIENT-WEIGHTED CLASS ACTIVATION MAPPING**  
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- V. **HISTOGRAM ANALYSIS OF CONVENTIONAL MRI IN DISCRIMINATING MENINGIOMA AND SCHWANNOMA**  
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- VI. **AKUT MIYOKARDİT HASTALARINDA KARDİYAK MRG'DE GEÇ KONTRAST TUTULUM VARLIĞININ VE GEÇ KONTRAST TUTULUM ORANININ SOL VENTRIKUL FONKSİYONLARI İLE İLİŞKİSİ**  
ALİŞ D. C., AŞMAKUTLU O.  
TÜRKRAD2019, Antalya, Turkey, 5 - 10 November 2019, vol.99
- VII. **SUPERB MICROVASCULAR IMAGING COMPARED WITH POWER DOPPLER ULTRASOUND IN ASSESSING SYNOVITIS OF THE KNEE IN JUVENILE IDIOPATHIC ARTHRITIS: A PRELIMINARY STUDY**  
Alis D. C., Erol B. C., Akbas S., Adrovic A., Yildiz M., BARUT K., KASAPÇOPUR Ö., ADALETLİ İ.  
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- VIII. **SHEAR WAVE ELASTOGRAPHY FOR THE EVALUATION OF TESTICULAR STIFFNESS IN PATIENTS WITH VARICOCELE**  
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## Supported Projects

- Alis D. C., TUBITAK Project, MOBİL AKILLI RADYOLOJİK İNME DEĞERLENDİRME PLATFORMU, 2023 - 2024
- Karaarslan E., Alış D. C., Öksüz I., Şahin A., Ince Ü., Tokat F., Kamaşak M. E., TUBITAK Project, Kantitatif Sentetik Prostat Manyetik Rezonans Görüntüleme Makine Öğrenmesi ile Prostat Kanserinin Değerlendirilmesi, 2022 - 2024
- Alis D. C., Özyar E., TUBITAK Project, AKILLI BİLGİSAYARLI TOMOGRAFİ RADYOTERAPİ KONTURLAMA SİSTEMİ, 2022 - 2023
- Alis D. C., Karaarslan E., TUBITAK Project, AKILLI PROSTAT BİPARAMETRİK MRG DEĞERLENDİRME SİSTEMİ, 2022 - 2023
- Alis D. C., Öksüz I., TUBITAK Project, Bideb 2232. Uluslararası Lider Araştırmacılar Programı- Interpretable Deep Learning for Fast Medical Image Reconstruction and Analysis, 2020 - 2023
- Alis D. C., TUBITAK Project, İNMENİN MRG VE BT İLE TESPİTİNDE YAPAY ZEKA TEMELLİ TANI: İNME ERKEN UYARI SİSTEMİ (İEUS), 2020 - 2021

## Metrics

- Publication: 84
- Citation (WoS): 239
- Citation (Scopus): 269
- H-Index (WoS): 8
- H-Index (Scopus): 8

## Congress and Symposium Activities

- INMerge Innovation Summit , Attendee, Baku, Azerbaijan, 2023
- Turkish Conference of Radiology, Invited Speaker, Antalya, Turkey, 2023
- Take-Off Istanbul, Attendee, İstanbul, Turkey, 2023
- European Congress of Radiology 2022, Invited Speaker, Vienna, Austria, 2022