

Prof. LÜTFİYE ÖZLEM ATAY

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABI-1320-2020

ScopusID: 6602305162

Yoksis Researcher ID: 11264

Education Information

Expertise In Medicine, Hacettepe University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey
1989 - 1993

Undergraduate, Hacettepe University, Turkey 1982 - 1988

Biography

Prof. L.Ö. Atay is leading Nuclear Medicine Department in the Faculty of Medicine, Gazi University. She is focused on the first in country applications and technologies. As Molecular Imaging is one of the most growing area regarding new innovations, she has been working hard not only to make them available, from the beginning, in the country but also takes part on the initiating working groups of European Association of Nuclear Medicine. She is a pioneer on the Neuroimaging having strong collaboration with Neurology Society.

Before getting her professor degree, she worked in The Netherlands Cancer Institute and University of Pittsburgh Medical Center. She took several roles as committee member and chairperson within the European and Turkish Society of Nuclear Medicine. She is also on the editorial board of European Journal of Nuclear Medicine and Molecular Imaging.

Prof. Atay is the leader of the team that enabled the first Dopamine Transporter (DAT) imaging in Turkey. Under her visionary leadership, the first PET/MR scanner in Turkey was established at Gazi University. Gazi University Hospital Department of Nuclear Medicine is involved in a prospective, multi-center study involving early Alzheimer's patients that will involve amyloid imaging for the first time in Turkey (Project Flute-16-02: Investigation of Occult Small Vessel Disease and Its Functional Effects in Alzheimer's Disease Using Functional Imaging Methods. 2020-2022). Health Institutes of Türkiye (TUSEB) Project: An Intelligent National Diagnostic Model Based on Multi-Parametric Evaluation for Early Diagnosis of Alzheimer's Disease. 2023-2025.

Prof. Atay is said " In terms of neuroimaging, PET/MR technology will be the most important imaging modality of the future, especially with the introduction of new radiopharmaceuticals targeting pathological proteins, such as amyloid and tau.

Foreign Languages

English, C1 Advanced

Dissertations

Expertise In Medicine, Rabdomiyosarkomun tanı ve takibinde III-inantimiyosinf(ab) immünsintigrafisi kullanımı, Hacettepe University, 1993

Research Areas

Nuclear medicine

Academic Titles / Tasks

Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 1993 - Continues

Academic and Administrative Experience

Head of Department, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2012 - Continues

Courses

Nuclear Medicine in Central Nervous System, Undergraduate, 2022 - 2023

Enfeksiyon Hastalıklarında Nükleer Tıp, Undergraduate, 2022 - 2023

Nuclear Medicine in Oncology and Hermatology, Undergraduate, 2022 - 2023

Santral Sinir Sisteminde Nükleer Tıp İncelemeleri, Undergraduate, 2022 - 2023

Nükleer Onkoloji – 1: PET Uygulamaları , Undergraduate, 2022 - 2023

Nükleer Onkoloji – 2: Teranostik Uygulamalar , Undergraduate, 2022 - 2023

Radyasyon Dozimetri – Radyasyonun Biyolojik Etkileri ve Korunma Prensipleri, Undergraduate, 2022 - 2023

Nükleer Endokrinoloji , Undergraduate, 2022 - 2023

Nuclear Medicine in Infectious Diseases, Undergraduate, 2022 - 2023

Advising Theses

Atay L. Ö., REKTUM KANSERİ HASTALARININ PRİMER EVRELEMESİNDE FDG PET VE MR GÖRÜNTÜLERİNDEN ELDE EDİLEN ANATOMİK, FONKSİYONEL VE METABOLİK PARAMETRELERİN KORELASYONU; T, N ve M EVRELERİ İLE İLİŞKİSİ, Expertise In Medicine, K.ŞEKER(Student), 2022

ATAY L. Ö., The Contribution Of Respiratory Gated Fdg Pet Imaging To Preoperative Lymph Node Staging In Patients With Gastric Cancer, Expertise In Medicine, S.GÜLBAHAR(Student), 2020

Atay L. Ö., Kompleks parsiyel nöbetli hastalarda pozitron emisyon tomografisinin tanısal rolünün elektroensefalografi ve manyetik rezonans görüntüleme ile karşılaştırmalı olarak değerlendirilmesi, Expertise In Medicine, T.SUCAK(Student), 2011

Atay L. Ö., İleri evre meme kanseri olgularının değerlendirilmesinde 18F-FDG pozitron emisyon tomografisinin katkısı, Expertise In Medicine, N.CAN(Student), 2004

Atay L. Ö., Malign ve benign soliter hipoaktif tiroid nodüllerinin ayırımında; radyonüklid tiroid anjiyografisi, power doppler ultrasonografisi ve Tc-99-MIBI sintigrafisinin değeri, Expertise In Medicine, M.KORAY(Student), 2002

Atay L. Ö., Ötiroid diffüz guatrılı ve hipertiroidili hastalarda diyet ve diüretğin tiroid iyot uptake üzerine etkisinin

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Neurological Disorders and Women's Health: Contribution of Molecular Neuroimaging Techniques**
Ekmekcioglu O., Albert N. L., Heinrich K., Tolboom N., Van Weehaeghe D., Traub-Weidinger T., ATAY L. Ö., Garibotto V., Morbelli S.
Seminars in Nuclear Medicine, vol.54, no.2, pp.237-246, 2024 (SCI-Expanded)
- II. **Clinical factors associated with autologous stem cell transplantation outcomes in multiple myeloma: upfront transplant with MEL200 remains the standard of care.**
Bostankolu Değirmenci B., Yegin Z. A., Akdemir Ü. Ö., Dede A., Gündem G. G., Özkurt Z. N., Atay L. Ö., Yağcı M.
Annals of hematology, vol.103, no.1, pp.269-283, 2024 (SCI-Expanded)
- III. **Cerebral vasomotor reactivity across the continuum of subjective cognitive impairment, amnesic mild cognitive impairment and probable Alzheimer's dementia: A transcranial Doppler and PET/MRI study**
Saka E., ATAY L. Ö., AKDEMİR Ü. Ö., Yetim E., BALCI E., ARSAVA E. M., TOPÇUOĞLU M. A.
JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, vol.43, no.1, pp.129-137, 2023 (SCI-Expanded)
- IV. **Hybrid PET/MRI with Flutemetamol and FDG in Alzheimer's Disease Clinical Continuum**
Atay L. Ö., Saka E., Akdemir Ü. Ö., Yetim Arsava E., Balci E., Arsava E. M., Topçuoğlu M. A.
Current Alzheimer research, vol.20, no.7, pp.481-495, 2023 (SCI-Expanded)
- V. **Diagnostic performance of FDG PET/MRI for cervical lymph node metastasis in patients with clinically N0 head and neck cancer**
Cebeci S., Aydos U., Yeniceri A., Pula D., Düzlü M., Atay L. Ö., Yilmaz M.
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.27, no.10, pp.4528-4535, 2023 (SCI-Expanded)
- VI. **Quantitative and visual analyses of the effect of activity reduction on image metrics and quality in 18F-FDG PET/MRI in pediatric oncology**
AYDOS U., BALCI E., Gülbahar Ateş S., AKDEMİR Ü. Ö., KARADENİZ C., ATAY L. Ö.
Turkish Journal of Medical Sciences, vol.53, no.1, pp.289-302, 2023 (SCI-Expanded)
- VII. **What is New in Nuclear Medicine Imaging for Dementia**
Saka Topçuoğlu E., AKDEMİR Ü. Ö., ATAY L. Ö.
Noropsikiyatri Arsivi, vol.59, 2022 (SCI-Expanded)
- VIII. **Respiratory-gated 18F Fluorodeoxyglucose Positron Emission Tomography/Magnetic Resonance Imaging in Evaluation of Primary Gastric Lesions and Gastric Lymph Nodes in Patients with Gastric Cancer**
Gülbahar Ateş S., Aydos U., Akdemir Ü. Ö., Yüksel O., Üner A., Dursun A., Atay L. Ö.
Clinical Oncology, vol.34, no.12, pp.810-818, 2022 (SCI-Expanded)
- IX. **Diagnostic utility of serum biomarkers in large vessel vasculitis and their correlation with positron emission tomography**
Salman R. B., Koca G., Ates S., Yapar D., Babaoglu H., Satis H., Guler A. A., KARADENİZ H., Atas N., KÜÇÜK H., et al.
MODERN RHEUMATOLOGY, vol.32, no.5, pp.938-945, 2022 (SCI-Expanded)
- X. **Prognostic value of fluorodeoxyglucose positron emission tomography derived metabolic parameters and textural features in pediatric sarcoma**
AYDOS U., Sever T., VURAL Ö., TOPUZ TÜRKCAN B., Okur A., AKDEMİR Ü. Ö., POYRAZ A., PINARLI F. G., ATAY L. Ö., KARADENİZ C.
NUCLEAR MEDICINE COMMUNICATIONS, vol.43, no.7, pp.778-786, 2022 (SCI-Expanded)
- XI. **The role of histopathological and biochemical parameters for predicting metastatic disease on ⁶⁸Ga-PSMA-11 PET in prostate cancer.**
AYDOS U., ÇETİN S., AKDEMİR Ü. Ö., BUDAK F. Ç., Ates S., Koparal M. Y., Gonul I. I., GÜLBAHAR Ö., Sozen S., ATAY L. Ö.

The Prostate, vol.81, no.16, pp.1337-1348, 2021 (SCI-Expanded)

- XII. **Texture features of primary tumor on 18F-FDG PET images in non-small cell lung cancer: The relationship between imaging and histopathological parameters** **Características de textura del tumor primario en imágenes de 18F-FDG PET en cáncer de pulmón de células no pequeñas: la relación entre parámetros de imágenes y parámetros histopatológicos**
AYDOS U., ÜNAL E. G., Özçelik M., Akdemir D., EKİNCİ Ö., TAŞTEPE A. İ., Memiş L., ATAY L. Ö., AKDEMİR Ü. Ö.
Revista Espanola de Medicina Nuclear e Imagen Molecular, vol.40, no.6, pp.343-350, 2021 (SCI-Expanded)
- XIII. **Long-term surgical outcomes and predictors of surgical treatment in temporal lobe epilepsy**
Yıldırım İ., Gurses A., Ataoglu E. E., Kurt G., Akdemir Ü. Ö., Öner A. Y., Hırfanoğlu T., Atay L. Ö., Serdaroglu A., Bilir E.
NEUROLOGICAL SCIENCES AND NEUROPHYSIOLOGY, vol.38, no.4, pp.209-218, 2021 (SCI-Expanded)
- XIV. **Diagnostic Role of 18F-Fluorodeoxyglucose Positron Emission Tomography for the Evaluation of Patients with Inflammation of Unknown Origin**
Bilici Salman R., Gülbahar Ateş S., Satis H., Tufan A., Akdemir Ü. Ö., Yapar D., Atas N., Güler A. A., Karadeniz H., Babaoglu H., et al.
Journal of Clinical Rheumatology, vol.27, no.6, pp.219-225, 2021 (SCI-Expanded)
- XV. **Quantitative Parameters from 18F-FDG PET/MRI Reveal Intratumoral Heterogeneity in Primer Brain Tumors Confirmed by Pathology**
ŞEKER K., ÇELTİKÇİ E., AYDOS U., Ates S. G., İNAN M. A., AKDEMİR Ü. Ö., ATAY L. Ö.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.48, no.SUPPL 1, 2021 (SCI-Expanded)
- XVI. **Respiratory-gated FDG PET/MRI in Evaluation of Primary Gastric Lesions and Gastric Lymph Nodes in Patients with Gastric Cancer**
Ates S. G., AYDOS U., AKDEMİR Ü. Ö., YÜKSEL O., ÜNER A., DURSUN A., ATAY L. Ö.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.48, no.SUPPL 1, 2021 (SCI-Expanded)
- XVII. **Diagnostic accuracy of Ga-68-PSMA PET/MRI and multiparametric MRI in detecting index tumours in radical prostatectomy specimen**
Coşar U., Şen İ., Aydos U., Koparal M. Y., Uçar M., Tokgöz N., Gönül İ. I., Akdemir Ü. Ö., Atay L. Ö., Sözen T. S.
INTERNATIONAL JOURNAL OF CLINICAL PRACTICE, vol.75, no.8, 2021 (SCI-Expanded)
- XVIII. **DIAGNOSTIC ACCURACY OF SERUM MARKERS IN LARGE VESSEL VASCULITIS AND CORRELATION WITH PET IMAGING**
Salman R. B., Satis H., Guler A. A., KARADENİZ H., KÜÇÜK H., HAZNEDAROĞLU Ş., TUFAN A., GÖKER B., AKDEMİR Ü. Ö., ATAY L. Ö., et al.
ANNALS OF THE RHEUMATIC DISEASES, vol.80, pp.1077, 2021 (SCI-Expanded)
- XIX. **The Relationship Between Imaging Scores of Primary Tumors in Prostate Cancer Patients and Risk Stratification**
AYDOS U., Cosar U., ŞEKER K., AKDEMİR Ü. Ö., IŞIK GÖNÜL İ., Sozen S., ATAY L. Ö.
JOURNAL OF NUCLEAR MEDICINE, vol.62, 2021 (SCI-Expanded)
- XX. **Dopamine transporter SPECT imaging in Parkinson's disease and parkinsonian disorders**
Akdemir Ü. Ö., Bora H. A., Atay L. Ö.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.51, no.2, pp.400-410, 2021 (SCI-Expanded)
- XXI. **Utility of brain fluorodeoxyglucose PET in children with possible autoimmune encephalitis**
AYDOS U., ARHAN E., AKDEMİR Ü. Ö., Akbas Y., Aydin K., ATAY L. Ö., SERDAROĞLU A.
NUCLEAR MEDICINE COMMUNICATIONS, vol.41, no.8, pp.800-809, 2020 (SCI-Expanded)
- XXII. **Ictal pouting ('Chapeau de gendarme') in three pediatric cases with cortical dysplasia**
Cebeci D., Arhan E., Hırfanoğlu T., Karalok Z. S., Erçelebi H., Dedeoglu O., Atay L. Ö., Uçar M., Serdaroglu A.
EUROPEAN JOURNAL OF PAEDIATRIC NEUROLOGY, vol.26, pp.82-88, 2020 (SCI-Expanded)
- XXIII. **Evaluation of brain FDG PET images in temporal lobe epilepsy for lateralization of epileptogenic focus using data mining methods**
Akdemir Ü. Ö., Çapraz İ., Gülbahar Ateş S., Şeker K., Aydos U., Kurt G., Karabacak N., Atay L. Ö., Bilir E.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.50, no.4, pp.738-748, 2020 (SCI-Expanded)

- XXIV. **Comparison of FDG PET/MRI and FDG PET/CT in Pediatric Oncology in Terms of Anatomic Correlation of FDG-positive Lesions**
Uslu-Besli L., Kapucu L. Ö., Karadeniz C., Akdemir Ü. Ö., Pınarlı F. G., Aydos U., Okur A., Kaya Z., Samancı C., Karabacak N.
JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY, vol.41, no.7, pp.542-550, 2019 (SCI-Expanded)
- XXV. **Utility of 18-fluorodeoxyglucose positron emission tomography in children with relapsed/refractory leukemia**
Kaya Z., Akdemir O. U., Atay O. L., Akyürek N., Pınarlı F. G., Yenicesu I., Kocak U.
PEDIATRIC HEMATOLOGY AND ONCOLOGY, vol.35, pp.393-406, 2018 (SCI-Expanded)
- XXVI. **Comparison of FDG PET/MRI and FDG PET/CT in Pediatric Oncology: Gazi University Pediatric PET/MRI Experience**
Kapucu L. Ö., Besli L. U., Akdemir Ü. Ö., Aydos U., Ozcelik M., Pınarlı F. G., Okur A., Karabacak N., Karadeniz C.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.44, 2017 (SCI-Expanded)
- XXVII. **The impact of reconstruction and scanner characterisation on the diagnostic capability of a normal database for [I-123]FP-CIT SPECT imaging**
Dickson J. C., Tossici-Bolt L., Sera T., Booij J., Ziebell M., Morbelli S., Assenbaum-Nan S., Vander Borgh T., Pagani M., Kapucu O. L., et al.
EJNMMI RESEARCH, vol.7, 2017 (SCI-Expanded)
- XXVIII. **Outcomes of resective surgery in children and adolescents with focal lesional epilepsy: The experience of a tertiary epilepsy center**
Hırfanoğlu T., Serdaroğlu A., Kurt G., Erdem A., Capraz İ., Bilir E., Vural Ö., Uçar M., Öner A. Y., Onal B., et al.
EPILEPSY & BEHAVIOR, vol.63, pp.67-72, 2016 (SCI-Expanded)
- XXIX. **Implementation of the European multicentre database of healthy controls for [I-123]FP-CIT SPECT increases diagnostic accuracy in patients with clinically uncertain parkinsonian syndromes**
Albert N. L., Unterrainer M., Diemling M., Xiong G., Bartenstein P., Koch W., Varrone A., Dickson J. C., Tossici-Bolt L., Sera T., et al.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.43, no.7, pp.1315-1322, 2016 (SCI-Expanded)
- XXX. **Reduction in camera-specific variability in [I-123]FP-CIT SPECT outcome measures by image reconstruction optimized for multisite settings: impact on age-dependence of the specific binding ratio in the ENC-DAT database of healthy controls**
Buchert R., Kluge A., Tossici-Bolt L., Dickson J., Bronzel M., Lange C., Assenbaum S., Booij J., Kapucu L. Ö., Svarer C., et al.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.43, no.7, pp.1323-1336, 2016 (SCI-Expanded)
- XXXI. **Surgical outcome in patients with MRI-negative, PET-positive temporal lobe epilepsy**
Capraz İ., KURT G., Akdemir O., HIRFANOĞLU T., Oner Y., Sengezer T., Kapucu L. Ö., SERDAROĞLU A., Bilir E.
SEIZURE-EUROPEAN JOURNAL OF EPILEPSY, vol.29, pp.63-68, 2015 (SCI-Expanded)
- XXXII. **Is there any impact of PET/CT on radiotherapy planning in rectal cancer patients undergoing preoperative IMRT?**
Kilic D., ÇATLI DİNÇ S., Ulger S., Kapucu L. Ö.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.45, no.1, pp.129-135, 2015 (SCI-Expanded)
- XXXIII. **EVALUATION OF FDG-PET/CT AND CONVENTIONAL IMAGING TECHNIQUES IN PEDIATRIC HODGKIN LYMPHOMA PATIENTS IN A SINGLE CENTER**
Oguz A., Tekkesin F., Pınarlı F. G., Karadeniz C., Kapucu L. Ö., Boyunaga Ö. L., Okur A.
PEDIATRIC BLOOD & CANCER, vol.61, 2014 (SCI-Expanded)
- XXXIV. **Association between survival and maximum standardized uptake value of liver metastases detected by 18-fluoro-2-deoxy-D-glucose positron emission tomography-computed tomography in patients with adenocarcinoma of unknown primary origin**
Algin E., ÖZET A., Gumusay O., Cetin B., AKDEMİR Ü. Ö., Benekli M., Coskun U., ÜNER A., Kapucu O., Buyukberber S.
ANNALS OF NUCLEAR MEDICINE, vol.28, no.9, pp.891-896, 2014 (SCI-Expanded)

- XXXV. **Extrastriatal binding of [I-123]FP-CIT in the thalamus and pons: gender and age dependencies assessed in a European multicentre database of healthy controls**
Koch W, Unterrainer M, Xiong G, Bartenstein P, Diemling M, Varrone A, Dickson J. C., Tossici-Bolt L., Sera T, Asenbaum S, et al.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.41, no.10, pp.1938-1946, 2014 (SCI-Expanded)
- XXXVI. **Brain F-18-FDG PET Imaging in the Differential Diagnosis of Parkinsonism**
AKDEMİR Ü. Ö., Tokcaer A. B., Karakus A., Kapucu L. Ö.
CLINICAL NUCLEAR MEDICINE, vol.39, no.3, 2014 (SCI-Expanded)
- XXXVII. **Automatic semi-quantification of [I-123]FP-CIT SPECT scans in healthy volunteers using BasGan version 2: results from the ENC-DAT database**
Nobili F, Naseri M, De Carli F, Asenbaum S, Booij J, Darcourt J, Ell P, Kapucu O, Kemp P, Varer C, et al.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.40, no.4, pp.565-573, 2013 (SCI-Expanded)
- XXXVIII. **European multicentre database of healthy controls for [I-123]FP-CIT SPECT (ENC-DAT): age-related effects, gender differences and evaluation of different methods of analysis**
Varrone A, Dickson J. C., Tossici-Bolt L., Sera T, Asenbaum S, Booij J, Kapucu O. L., Kluge A., Knudsen G. M., Koulibaly P. M., et al.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.40, no.2, pp.213-227, 2013 (SCI-Expanded)
- XXXIX. **No difference in striatal dopamine transporter availability between active smokers, ex-smokers and non-smokers using [I-123]FP-CIT (DaTSCAN) and SPECT**
Thomsen G, Knudsen G. M., Jensen P. S., Ziebell M., Holst K. K., Asenbaum S, Booij J, Darcourt J, Dickson J. C., Kapucu O. L., et al.
EJNMMI RESEARCH, vol.3, 2013 (SCI-Expanded)
- XL. **Absence of bilateral temporal hypometabolism is the best predictor of seizure freedom after surgery in temporal lobe epilepsy**
Sengezer T, Kapucu L. Ö., SERDAROĞLU A., Akdemir Ü. Ö., Capraz I, KURT G., Oner Y, Bilir E.
JOURNAL OF NUCLEAR MEDICINE, vol.53, 2012 (SCI-Expanded)
- XL1. **Early post-transplantation positron emission tomography in patients with Hodgkin lymphoma is an independent prognostic factor with an impact on overall survival**
Sucak G. T., ÖZKURT Z. N., Suyani E., Yasar D. G., Akdemir O. U., Aki Z., YEGİN Z. A., Yagci M., Kapucu O. L.
ANNALS OF HEMATOLOGY, vol.90, no.11, pp.1329-1336, 2011 (SCI-Expanded)
- XLII. **Comparison of Pre- and Post-therapy 18F-FDG PET/CT Findings with The Findings of Clinical Follow-up in Patients with Hodgkin Lymphoma**
Akdemir Ü. Ö., Kapucu L. Ö., Oz O., Suyani E., Tonyali O., Altindal Ş., Yagci M., Benekli M., Atasever T., Buyukberber S, et al.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.38, 2011 (SCI-Expanded)
- XLIII. **Comparison of FDG-PET, MRI and EEG findings and surgical outcome in operated lesional and non-lesional temporal lobe epilepsy**
Sucak T, Kapucu L. Ö., Capraz I, Akdemir Ü. Ö., Kurt G., Hirfanoglu T., Kurt N. C., Golen M. K., Mercan M., Oner A. Y., et al.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, 2011 (SCI-Expanded)
- XLIV. **Calibration of gamma camera systems for a multicentre European I-123-FP-CIT SPECT normal database**
Tossici-Bolt L, Dickson J. C., Sera T, de Nijs R, Bagnara M. C., Jonsson C., Scheepers E., Zito F., Seese A., Koulibaly P. M., et al.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.38, no.8, pp.1529-1540, 2011 (SCI-Expanded)
- XLV. **The Nodal Standard Uptake Value (SUV) as a Prognostic Factor in Head and Neck Squamous Cell Cancer**

- Demirci U, Coskun U, AKDEMİR Ü. Ö., Benekli M., Kapucu O, ÖZKAN S., Cakir T., Baykara M., Buyukberber S. ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.12, no.7, pp.1817-1820, 2011 (SCI-Expanded)
- XLVI. **EANM procedure guidelines for brain neurotransmission SPECT/PET using dopamine D2 receptor ligands, version 2**
Van Laere K, Varrone A, Booij J, Borghet T. V., Nobili F., Kapucu O. L., Walker Z., Nagren K., Tatsch K, Darcourt J. EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.37, no.2, pp.434-442, 2010 (SCI-Expanded)
- XLVII. **EANM procedure guidelines for brain neurotransmission SPECT using I-123-labelled dopamine transporter ligands, version 2**
Darcourt J., Booij J., Tatsch K, Varrone A, Borghet T. V., Kapucu O. L., Nagren K., Nobili F., Walker Z., Van Laere K. EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.37, no.2, pp.443-450, 2010 (SCI-Expanded)
- XLVIII. **EANM procedure guideline for brain perfusion SPECT using Tc-99m-labelled radiopharmaceuticals, version 2**
Kapucu O. L., Nobili F., Varrone A, Booij J, Vander Borghet T, Nagren K, Darcourt J, Tatsch K, Van Laere K. J. EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, no.12, pp.2093-2102, 2009 (SCI-Expanded)
- XLIX. **EANM procedure guidelines for PET brain imaging using [F-18]FDG, version 2**
Varrone A, Asenbaum S, Vander Borghet T, Booij J, Nobili F., Nagren K, Darcourt J, Kapucu O. L., Tatsch K., Bartenstein P., et al.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, no.12, pp.2103-2110, 2009 (SCI-Expanded)
- L. **Use of 18F-FDG PET/CT in Pediatric Patients: Indications and Patient Characteristics**
Sucak T, Akdemir Ü. Ö., Cakir T., Gokcora N., Karabacak N., Kapucu L. Ö., Unlu M.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, 2009 (SCI-Expanded)
- LI. **Brain FDG PET Imaging In The Differential Diagnosis Of Parkinsonism**
Kapucu L. Ö., Akdemir Ü. Ö., ÜNAL K., Erdogmus N. I., Tokcaer A. B.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, 2009 (SCI-Expanded)
- LII. **Liver schwannoma incidentally discovered in a patient with breast cancer**
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- XVI. **DİRENÇLİ TEMPORAL LOB EPİLEPSİLİ HASTALARDA BEYİNDE BÖLGESEL KORTİKAL GLİKOZ METABOLİZMASI ORANLARI VE KORTİKAL/SUBKORTİKAL HACİM DEĞİŞİKLİKLERİNİN KLİNİK VE ETYOLOJİ İLE KORELASYONU**
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- XVII. **The Predictive Value of Visual Evaluation and Quantitative Metabolic Parameters for Axillary Lymph Node Metastasis on FDG PET/MRI in Breast Cancer**
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- XVIII. **The Predictive Value of Visual Evaluation and Quantitative Metabolic Parameters for Axillary Lymph Node Metastasis on FDG PET/MRI in Breast Cancer**
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- XIX. **The prognostic value of textural features of primary tumour and systemic inflammation markers in NSCLC**
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- XX. **Meme Kanserinde Primer Evrelemede 18F-FDG PET/MR: Primer Tümör ve Uzak Metastaz Tipi Arası İlişkinin Değerlendirilmesi**
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- XXI. **The Role of Histopathological and Biochemical Parameters in Predicting Metastatic Disease in 68Ga PSMA PET for Prostate Cancer**
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- XXII. **F-18 FDG PET/MRI IN PRIMARY STAGING OF BREAST CANCER: THE RELATIONSHIPS BETWEEN IMAGING PARAMETERS OF PRIMARY TUMOR AND DISTANT METASTASES**
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- XXIV. **PET/MRG GELECEK**
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3. MULTİPARAMETRİK PROSTAT MR GÖRÜNTÜLEME (mp-MRG) ve HEDEFE YÖNELİK PROSTAT BİYOPSİ KURSU, Turkey, 29 October 2019
- XXV. **Ga68 PSMA PET/MRI in newly diagnosed prostate cancer patients: Correlation of Ga68 PSMA uptake in intraprostatic lesion with disease stage**
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- XXVI. **The Evaluation of Brain FDG PET Images in Temporal Lobe Epilepsy by Data Mining Methods in Terms of Lateralization of Epileptogenic Focus**
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- XXVII. **GA68 PSMA PET GÖRÜNTÜLEMEDE METASTATİK YAYGINLIĞIN ÖNGÖRÜLMESİNDE HİSTOPATOLOJİK VEBİYOKİMYASAL PARAMETRELERİN YERİ**
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- XXVIII. **mULTİPARAMETRİK MR VE GA68 PSMA PET/MR IN RADİKAL PROSTATEKTOMİ SPESMENİNDEKİ İNDEKS TÜMÖRÜN YERİNİ ÖN GÖRMEDEKİ BAŞARISI**
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- XXXI. **DIAGNOSTIC UTILITY OF POSITRON EMISSION TOMOGRAPHY FOR THE EVALUATION OF PATIENTS WITH INFLAMMATION OF UNKNOWN ORIGIN**
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20. Ulusal Çocuk Nörolojisi Kongresi,Kıbrıs, Turkey, 02 May 2018
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- XXXVIII. **Olgularla Nöroendokrin Tümörler**
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- XLIX. **EPILEPSY SURGERY IN CHILDREN WITH EPILEPSY A TERTIARY CENTER EXPERIENCE**
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- LIV. **Prognostic Value of F-18 FDG PET/CT Findings In Pediatric Hodgkin Lymphoma Patients In a Single Center**
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- LVI. **Quantitative Analysis of FDG PET for Evaluation of Bone Marrow Infiltration in Patients with Non Hodgkin Lymphoma**
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- LXII. **Comparison of Brain F18 FDG PET Findings of Non-lesional Temporal Lobe Epilepsy Patients with Operation Results**
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23. Ulusal Nükleer Tıp Kongresi, İzmir, Turkey, 27 April - 01 May 2011

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7.Ulusal Çocuk Kongresi EPILEPSI 2010, Turkey, 9 - 12 June 2010

Supported Projects

Balcı E., Atay L. Ö., Akdemir Ü. Ö., Gülbahar Ö., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Alzheimer Hastalığının Erken Tanısı için Multi-Parametrik Değerlendirmeye Dayanan Ulusal Zeki Bir Tanı Modeli, 2023 - 2025

Atay L. Ö., Balcı E., Project Supported by Other Private Institutions, Alzheimer Hastalığında Görülen Küçük Damar Hastalığının ve Fonksiyonel Etkilerinin Fonksiyonel Görüntüleme Yöntemleri ile İncelenmesi, 2019 - 2023

Akdemir Ü. Ö., Atay L. Ö., Karabacak N., Aktürk M. Y., Benekli M., Project Supported by Higher Education Institutions, Nöroendokrin tümörlerde radyoaktif işaretli peptidler ile görüntüleme ve tedavi, 2014 - 2016

ATAY L. Ö., Project Supported by Higher Education Institutions, Nöroendokrin tümörlerde radyoaktif işaretli peptidler ile görüntüleme ve tedavi, 2013 - 2016

ATAY L. Ö., Project Supported by Higher Education Institutions, Parkinsonizm Ayırıcı Tanısında Beyin Fdg Pet Görüntüleme, 2008 - 2010

Atay L. Ö., EU Supported Other Project, 123I FP CIT Avrupa Veritabanı DaTSCAN 15 Avrupa merkezin katıldığı EANM tarafından desteklenen çok merkezli vir Avrupa çalışmasıdır, 2006 - 2010

Activities in Scientific Journals

EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, Publication Committee Member, 2019 - Continues

Turkish Journal Of Medical Sciences, Publication Committee Member, 2019 - Continues

Frontiers in Nuclear Medicine, Publication Committee Member, 2019 - Continues

Memberships / Tasks in Scientific Organizations

European Association of Nuclear Medicine, Member, 2021 - Continues, Austria

Türkiye Nükleer Tıp Derneği, Member, 2002 - Continues, Turkey

Türkiye Nükleer Tıp Derneği Nöropsikiyatri Çalışma Grubu, Member, 2002 - Continues, Turkey

Society of Nuclear Medicine and Molecular Imaging, Member, 2021 - 2022, United States Of America

Scientific Refereeing

EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, Journal Indexed in SCI-E, September 2022

TURKISH JOURNAL OF MEDICAL SCIENCES, Journal Indexed in SCI-E, July 2022

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Scientific Consultations

Gazi Üniversitesi Yapay Zeka Merkezi, Scientific Consultancy, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, Turkey, 2023 - Continues

TUBİTAK, Project Consultancy, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, Turkey, 2022 - 2022

TUBİTAK, Project Consultancy, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, Turkey, 2021 - 2021

Metrics

Publication: 179

Citation (WoS): 1945

Citation (Scopus): 2182

H-Index (WoS): 21

H-Index (Scopus): 23

Congress and Symposium Activities

36.Ulusal Nükleer Tıp Kongresi, Session Moderator, Girne, Cyprus (Kkctc), 2024

ÜRETKEN YAPAY ZEKA UYGULAMALARI ULUSAL KONFERANSI, Attendee, Ankara, Turkey, 2023

Cumhuriyetimizin 100.Yılında Nükleer Tıp 50 Yaşında, Session Moderator, Ankara, Turkey, 2023

36th Annual Congress of the European Association of Nuclear Medicine, Invited Speaker, Vienna, Austria, 2023

NÖRODEJENERATİF HASTALIKLAR SEMPOZYUMU 2, Invited Speaker, Ankara, Turkey, 2023

35. Ulusal Nükleer Tıp Kongresi, Moderator, Antalya, Turkey, 2023

35th Annual Congress of the European Association of Nuclear Medicine, Attendee, Barcelona, Spain, 2022

35th Annual Congress of the European Association of Nuclear Medicine , Session Moderator, Barcelona, Spain, 2022

35th Annual Congress of the European Association of Nuclear Medicine, Panelists, Barcelona, Spain, 2022

34. ULUSAL NÜKLEER TIP KONGRESİ, Session Moderator, Antalya, Turkey, 2022

Alzheimer's Association International Conference (ACCIC), Attendee, Colorado, United States Of America, 2021

33. Ulusal Nükleer Tıp Kongresi, Session Moderator, Ankara, Turkey, 2021

33. Ulusal Nükleer Tıp Kongresi, Invited Speaker, Ankara, Turkey, 2021

Awards

Atay L. Ö., Saka E., Akdemir Ü. Ö., Yetim Arsava E., Balcı E., Arsava E. M., Topçuoğlu M. A., POSTER BİRİNCİLİK ÖDÜLÜ,
Türk Nöroloji Derneği, November 2022

Non Academic Experience

University of Pittsburgh Medical Center, PET Facility
Department of Nuclear Medicine, Academic Medical Centre, Amsterdam