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Education Information

Doctorate, Yildiz Technical University, Fen Bilimleri, Kimya / Organik Kimya, Turkey 2003 - 2011

Postgraduate, Canakkale Onsekiz Mart University, Fen Bilimleri, Kimya / Organik Kimya, Turkey 1999 - 2002

Undergraduate, Canakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, Kimya, Turkey 1995 - 1999

Certificates, Courses and Trainings

Health&Medicine, Ga-68 Peptide Compounds, Bologna University Hospital, Nuclear Medicine Department, 2011

Health&Medicine, Modular Lab. Trainer Qualification, Eckert & Ziegler, 2011

Health&Medicine, Production of Y-90 from Sr-90 by electrolytical methods, International Atomic Energy Agency, 2010

Occupational Health and Safety, Radyasyondan Korunma, Türkiye Atom Enerjisi Kurumu, 2010

Health&Medicine, Production of Sr-90 / Y-90 Generator, International Atomic Energy Agency, 2008

Health&Medicine, Radiolabelling of peptides and QC, International Atomic Energy Agency, 2008

Quality Management, Laboratuvar Kalite Yönetim Sistemi ve Laboratuvar Akreditasyonu, Türkiye Atom Enerjisi Kurumu, 2008

Health&Medicine, Radiopharmaceuticals, Korean Atomic Energy Research Institute, 2006

Health&Medicine, Preparation of Ir-192 Sources, Korean Atomic Energy Research Institute, 2005

Dissertations

Doctorate, Nükleer Tıpta Kullanılan Radyofarmasötiklerden EDTMP ile Fenil Türevinin ve Bazı İmin Bileşiklerinin Hazırlanması, Tc-99m ve Sm-153 ile Etiketlenmesi, Yildiz Technical University, Fen Bilimleri Enstitüsü, Kimya / Organik Kimya, 2011

Postgraduate, Sideritis Trojana Bitkisinin Kimyasal Analizi ve Bileşenlerinin Yapısının Aydınlatılması, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Kimya / Organik Kimya, 2002

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Nuclear medicine

Academic Titles / Tasks

Assistant Professor, Istanbul University, Istanbul Medical Faculty, Division Of Medical Sciences , 2018 - Continues
Assistant Professor, İstanbul University-Cerrahpaşa, Faculty Of Health Sciences, Department Of Gerontology, 2014 - 2018
Research Assistant, Canakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, Kimya, 1999 - 2002

Academic and Administrative Experience

İstanbul Üniversitesi, Sağlık Bilimleri Fakültesi, 2015 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Extensive Pulmonary AL Amyloidosis Mimicking Miliary Tuberculosis <i>The Diagnostic Utility of ^{99m}Tc-PYP Scintigraphy</i>**
Denizmen D., Isik E. G., Vuralli Bakkaloglu D., Buyukkaya F., Sanli Y.
CLINICAL NUCLEAR MEDICINE, vol.49, no.11, 2024 (SCI-Expanded)
- II. **⁶⁸Ga-Trivehexin PET/CT: a promising novel tracer for primary hyperparathyroidism**
Kuyumcu S., Denizmen D., Has-Simsek D., Poyanli A., Uzum A. K., Buyukkaya F., Isik E. G., Onder S., Aksakal N., Ozkan Z. G., et al.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.51, no.13, pp.3912-3923, 2024 (SCI-Expanded)
- III. **[⁶⁸Ga]Ga-FAPI04 Outperforms [¹⁸F]FDG PET/CT for Detecting Nodal Metastasis of Head and Neck Squamous Cell Carcinoma: A Single-Center Experience**
Kuyumcu S., Isik E. G., ŞEN C., Has-Şimsek D., Başaran B., Özkan Z. G., Büyükkaya F., Şanlı Y.
CANCER BIOTHERAPY AND RADIOPHARMACEUTICALS, 2024 (SCI-Expanded)
- IV. **Influencing factors of lung shunt fraction in transarterial radioembolization treatment**
Kovan B., CİVAN C., Isik E. G., Simsek D., Ozkan Z. G., Buyukkaya F., Sanli Y., DEMİR B., Kuyumcu S.
CLINICAL AND TRANSLATIONAL IMAGING, no.2, pp.205-211, 2024 (SCI-Expanded)
- V. **The inferior performance of [⁶⁸Ga]Ga-FAPI-04 PET/CT as a diagnostic and theranostic biomarker in [¹⁷⁷Lu]Lu-DOTATATE refractory well-differentiated neuroendocrine tumors**
Has Simsek D., Guzel Y., Denizmen D., Sanli Y., Buyukkaya F., Kovan B., Komek H., Isik E. G., Ozkan Z. G., Kuyumcu S.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, no.3, pp.828-840, 2024 (SCI-Expanded)
- VI. **Utility of 68 Ga-FAPI-04 PET/CT in Adenoid Cystic Carcinoma Compared With 18 F-FDG PET/CT : Two Case Reports.**
Civan C., Isik E. G., Has Simsek D., Buyukkaya F., Kuyumcu S.
Clinical nuclear medicine, vol.48, no.7, 2023 (SCI-Expanded)
- VII. **68 Ga-FAPI04 Versus 68 Ga-DOTATATE PET/CT in a Patient With Multiple Meningioma.**
Denizmen D., Isik E. G., Buyukkaya F., Kuyumcu S.
Clinical nuclear medicine, vol.48, no.5, 2023 (SCI-Expanded)
- VIII. **An Analysis for Therapeutic Doses of Patients with Neuroendocrine Tumor Treated with Lutetium 177 (¹⁷⁷Lu)-DOTATATE.**
KOVAN B., ÖZKAN Z. G., DEMİR B., Tuncman D., IŞIK E. G., Simsek D., BÜYÜKKAYA F., TÜRKMEN C., ŞANLI Y.
Cancer biotherapy & radiopharmaceuticals, vol.37, no.1, pp.17-22, 2022 (SCI-Expanded)
- IX. **225Ac-Prostate-Specific Membrane Antigen Therapy for Castration-Resistant Prostate Cancer: A Single-Center Experience.**
Sanli Y., Kuyumcu S., Simsek D., Büyükkaya F., Civan C., Isik E. G., Ozkan Z. G., Basaran M., Sanli O.
Clinical nuclear medicine, vol.46, no.12, pp.943-951, 2021 (SCI-Expanded)

- X. **Prognostic significance of ⁶⁸Ga-Pentixafor PET/CT in multiple myeloma recurrence: a comparison to ¹⁸F-FDG PET/CT and laboratory results.**
Kuyumcu S., Isik E. G., Tiryaki T. O., Has-Simsek D., Sanli Y., Buyukkaya F., Özkan Z. G., Kalayoglu-Besik S., Unal S. N. *Annals of nuclear medicine*, vol.35, no.10, pp.1147-1156, 2021 (SCI-Expanded)
- XI. **Safety of Fibroblast Activation Protein-Targeted Radionuclide Therapy by a Low-Dose Dosimetric Approach Using Lu-177-FAPI04**
Kuyumcu S., Kovan B., Sanli Y., Buyukkaya F., Has Simsek D., Özkan Z. G., Isik E. G., Ekenel M., Turkmen C. *CLINICAL NUCLEAR MEDICINE*, vol.46, no.8, pp.641-646, 2021 (SCI-Expanded)
- XII. **Preparation of cypress (*Cupressus sempervirens* L.) essential oil loaded poly(lactic acid) nanofibers**
Argui H., SUNER S. C., Periz C. D., ULUSOY S., TÜRKER G., Ben-Attia M., Buyukkaya F., ORAL A., COŞKUN Y., Said H. *OPEN CHEMISTRY*, vol.19, no.1, pp.796-805, 2021 (SCI-Expanded)
- XIII. **Isolation, Chemical Composition, Physicochemical Properties, and Antibacterial Activity of *Cupressus sempervirens* L. Essential Oil**
Argui H., Ben Youchret-Zalleza O., SUNER S. C., Periz C. D., TÜRKER G., Ulusoy S., Ben-Attia M., Buyukkaya F., ORAL A., COŞKUN Y., et al. *JOURNAL OF ESSENTIAL OIL BEARING PLANTS*, vol.24, no.3, pp.439-452, 2021 (SCI-Expanded)
- XIV. **⁹⁰Y selective internal radiation therapy and peptide receptor radionuclide therapy for the treatment of metastatic neuroendocrine tumors: combination or not?**
Yilmaz E., Engin M. N., Oezkan Z. G., Kovan B., Bueyuekkaya F., Poyanli A., Saglam S., Basaran M., Tuerkmen C. *NUCLEAR MEDICINE COMMUNICATIONS*, no.12, pp.1242-1249, 2020 (SCI-Expanded)
- XV. **Evidence of Prostate-Specific Membrane Antigen Expression in Hepatocellular Carcinoma Using ⁶⁸Ga-PSMA PET/CT**
Kuyumcu S., Has-Simsek D., Iliaz R., Sanli Y., Buyukkaya F., Akyuz F., Turkmen C. *CLINICAL NUCLEAR MEDICINE*, vol.44, no.9, pp.702-706, 2019 (SCI-Expanded)
- XVI. **Imaging of Chemokine Receptor CXCR4 in Mycosis Fungoides Using ⁶⁸Ga-Pentixafor PET/CT**
Kuyumcu S., Yilmaz E., Buyukkaya F., Ozkan Z. G., Unal S. N. *CLINICAL NUCLEAR MEDICINE*, vol.43, no.8, pp.606-608, 2018 (SCI-Expanded)
- XVII. **Determination falling prevalence and the risks of falls in elders living in the district of Bahçelievler, İstanbul İstanbul Bahçelievler ilçesinde yaşayan yaşlıların düşme prevalansı ve düşme risklerinin belirlenmesi**
Akgül A., Arman N., Tarakci E., Yilmaz Alarçin E., Saydam R., BÜYÜKKAYA F., Irmak H. S., Karaslan T. *Turkiye Klinikleri Journal of Medical Sciences*, vol.38, no.2, pp.105-115, 2018 (SCI-Expanded)
- XVIII. **Evaluation of balance, mobility and falling in elderly people Yaşlılarda denge, mobilite ve düşmenin değerlendirilmesi**
Akgül A., Tarakci E., Arman N., Büyükkaya F., Irmak H. S., Karaaslan T. *Turkiye Klinikleri Journal of Medical Sciences*, vol.38, no.1, pp.94-98, 2018 (SCI-Expanded)
- XIX. **Relationships between serum PSA levels, Gleason scores and results of ⁶⁸Ga-PSMAPET/CT in patients with recurrent prostate cancer.**
Sanli Y., Kuyumcu S., Sanli O., Buyukkaya F., Iribas A., Alcin G., Darendeliler E., Ozluk Y., Yildiz S., Turkmen C. *Annals of nuclear medicine*, vol.31, no.9, pp.709-717, 2017 (SCI-Expanded)
- XX. **PET/CT and Bremsstrahlung Imaging After ⁹⁰Y DOTANOC Therapy for Rectal Net With Liver Metastases**
ABDÜLREZZAK Ü., KULA M., TUTUŞ A., BÜYÜKKAYA F., Karaca H. *CLINICAL NUCLEAR MEDICINE*, vol.40, no.10, pp.799-801, 2015 (SCI-Expanded)
- XXI. **Rapid isocratic HPLC investigation of radiochemical purity for Y-90-DOTATATE**
Tasdelen B., Ergun A., BÜYÜKKAYA F. *JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY*, vol.289, no.2, pp.573-575, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Clinical Impact of Lower-Limb Imaging in Ga-68-PSMA PET/CT for Patients with Prostate Cancer**
Simsek D., Sanli Y., Kuyumcu S., Engin M. N., Buyukkaya F., Demirci E.
JOURNAL OF NUCLEAR MEDICINE TECHNOLOGY, vol.47, no.3, pp.233-237, 2019 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **A New Promising Tool for Primary Hyperparathyroidism: 68Ga-Trivehexin PET/CT**
Denizmen Zorba D., Kuyumcu S., Has Şimşek D., Poyanlı A., Büyükkaya F., Özkan Z. G., Kubat Üzüm A., Işık E. G., Şanlı Y.
EANM, Hamburg, Germany, 19 - 23 October 2024, pp.172-173
- II. **The Role of 68Ga-Pentixafor PET/CT in The Diagnosis of Chronic Bone and Soft Tissue Infections**
Denizmen Zorba D., Kuyumcu S., Has Şimşek D., Karaçam M. İ., Ergin Ö. N., Çağatay A. A., Büyükkaya F., Şanlı Y.
EANM, Hamburg, Germany, 19 - 23 October 2024, pp.332
- III. **Metastatik kastrasyona dirençli prostat kanserinde Ac-225 PSMA tedavisi: İlk sonuçlarımız**
Şanlı Y., Has Şimşek D., Işık E. G., Civan C., Başaran M., Özkan Z. G., Şanlı M. Ö., Büyükkaya F., Kuyumcu S.
33. Ulusal Nükleer Tıp Kongresi, 28 May 2021, pp.32
- IV. **Tc-99m-MAG3 Sintigrafisinde Tanımlanan EkskresyonFonksiyonunun Lu-177-PSMA Tedavisindeki AbsorbeBöbrek Dozuyla İlişkisi**
CIVAN C., HAS ŞİMŞEK D., KOVAN B., BÜYÜKKAYA F., KUYUMCU S., MUDUN A., ŞANLI Y.
32. ULUSAL NÜKLEER TIP KONGRESİ, İstanbul, Turkey, 20 - 21 November 2020, vol.6, pp.26-27
- V. **DMSA böbrek sintigrafisinde böbrek anomalilerini göstermede tek foton emisyon bilgisayarlı tomografi/bilgisayarlı tomografinin katkısı-olgu sunumu**
CIVAN C., IŞIK E. G., BAYRAMOĞLU Z., BÜYÜKKAYA F., YILMAZ E., ÖZKAN Z. G., MUDUN A.
32. Ulusal Nükleer Tıp Kongresi, Turkey, 20 - 21 November 2020
- VI. **Radyoembolizasyon tedavi planlanmasında hepatic arter perfüzyon görüntüleme zamanının dozimetrik yaklaşıma etkisi**
Kovan B., HAS ŞİMŞEK D., IŞIK E. G., BÜYÜKKAYA F., ÖZKAN Z. G., DEMİR B., POYANLI A., ŞANLI Y., TÜRKMEN C.
32. Ulusal Nükleer Tıp Kongresi, 20 November 2020, vol.6, pp.44
- VII. **Hepatosellüler Karsinomda Ga-PSMA PET/BT'nin Rolü**
HAS ŞİMŞEK D., KUYUMCU S., İLİAZ R., ŞANLI Y., BÜYÜKKAYA F., AKYÜZ F., TÜRKMEN C.
31. ULUSAL NÜKLEER TIP KONGRESİ, Antalya, Turkey, 10 - 14 April 2019, vol.1, pp.21
- VIII. **Lu-177 PSMA ile prostat kanseri tedavisinde kritik organ dozlarının karşılaştırılması**
Kovan B., Yılmaz E., Kovan H., Özkan Z. G., Poyraz L., Büyükkaya F., Demir B., Mudun A., Türkmen C.
29. Ulusal Nükleer Tıp Kongresi, Antalya, Turkey, 10 May 2017, pp.12-13
- IX. **Tc-99m MAA sintigrafisi ile Y-90 mikroküre tedavi planlanmasında hepatopulmoner şant oranının hesaplanması için planar ve SPECTBT görüntüleme yöntemlerinin karşılaştırılması**
Kovan B., Özkan Z. G., Kovan H., Yılmaz E., Poyraz L., Büyükkaya F., Demir B., Mudun A., Türkmen C.
29. Ulusal Nükleer Tıp Kongresi, Adana, Turkey, 01 April 2015, pp.48
- X. **The evaluation of Grade 1 and Grade 2 gastroenteropancreatic neuro-endocrine tumors with Ga68-DOTATATE PET/CT**
HAS ŞİMŞEK D., KUYUMCU S., GEÇER M. F., ÖZKAN Z. G., YILMAZ E., ŞANLI Y., TÜRKMEN C., BÜYÜKKAYA F., ADALET I.
26th European Association of Nuclear Medicine congress, Lyon, France, 19 - 23 October 2013, vol.40, pp.377
- XI. **The evaluation of grade 1 and grade 2 gastroenteropancreatic neuro endocrine tumors with Ga 68 DOTATATE PET BT**
HAS D., KUYUMCU S., GEÇER F., ÖZKAN Z., YILMAZ E., ŞANLI Y., TÜRKMEN C., BÜYÜKKAYA F., ADALET I.
26. Annual Congress of the European Association of Nuclear Medicine, 19 - 23 October 2013, vol.40, pp.377

Metrics

Publication: 33

Citation (WoS): 190

Citation (Scopus): 232

H-Index (WoS): 7

H-Index (Scopus): 8

Non Academic Experience

Other Public Institution, Türkiye Atom Enerjisi Kurumu

Türkiye Atom Enerjisi Kurumu