

Prof. Bayram DEMİR

Personal Information

Office Phone: [+90 212 455 5700](tel:+902124555700) Extension: 15286

Fax Phone: [+90 212 455 5855](tel:+902124555855)

Email: baybay@istanbul.edu.tr

Web: <http://aves.istanbul.edu.tr/baybay/>

Address: İstanbul Üniversitesi, Fen Fakültesi, Fizik Bölümü, Vezneciler, Fatih, İstanbul

International Researcher IDs

ORCID: 0000-0001-6815-6384

Publons / Web Of Science ResearcherID: AAD-2786-2020

Yoksis Researcher ID: 52458

Education Information

Doctorate, Istanbul University, Institute of Graduate Studies In Sciences, Yüksek Enerji Ve Plazma Fiziği, Turkey 2003 - 2007

Postgraduate, Istanbul University, Onkoloji Enstitüsü, Tıbbiradyofizik Bilim Dalı, Turkey 1998 - 2001

Undergraduate, Istanbul University, Faculty Of Science, Department Of Physics, Turkey 1988 - 1993

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Nuclear medicine, Radiation Oncology, Physics, Nuclear physics, Natural Sciences

Academic Titles / Tasks

Professor, Istanbul University, Faculty of Science, Department of Physics, 2017 - Continues

Associate Professor, Istanbul University, Faculty of Science, Department of Physics, 2011 - 2017

Assistant Professor, Istanbul University, Faculty of Science, Department of Physics, 2009 - 2011

Other, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty Of Medicine, Department Of Internal Medicine, 1997 - 2009

Academic and Administrative Experience

Deputy Head of Department, Istanbul University, Faculty Of Science, Department Of Physics, 2012 - 2013

Courses

RADYASYON FİZİĞİ, Postgraduate, 2018 - 2019, 2017 - 2018
İş sağlığı ve Güvenliği, Undergraduate, 2017 - 2018
Radyasyon Ve Sağlık Fiziği, Undergraduate, 2017 - 2018, 2015 - 2016
Radyasyon Ve Sağlık Fiziği (İÖ), Undergraduate, 2017 - 2018, 2016 - 2017
SCIENTIFIC RESEARCH TECHNIQUES AND PUBLICATION ETHICS, Doctorate, 2017 - 2018
İleri Fizik uygulamaları II, Undergraduate, 2017 - 2018
Seminer, Postgraduate, 2016 - 2017
İş sağlığı ve Güvenliği, Undergraduate, 2016 - 2017
İleri Fizik uygulamaları, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
ÖZEL ÖĞRETİM YÖNTEMLERİ, Undergraduate, 2016 - 2017
Radyasyon ve Sağlık Fiziği, Undergraduate, 2014 - 2015, 2013 - 2014
Fizik, Undergraduate, 2013 - 2014
Seminer, Doctorate, 2012 - 2013
Radyasyon Ve Sağlık Fiziği, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011
İş sağlığı ve Güvenliği, Undergraduate, 2013 - 2014
Fizik, Undergraduate, 2012 - 2013
Genel Fizik-2, Undergraduate, 2010 - 2011, 2009 - 2010
Genel Fizik-1, Undergraduate, 2010 - 2011

Advising Theses

Demir B., Ders Aşamasında, Doctorate, G.Çevikbaş(Student), Continues
Demir B., Malzeme Yapısının Radyasyondan Korunmadaki Etkisinin Monte Carlo Simülasyon Yöntemi ile İncelenmesi, Doctorate, T.Manici(Student), Continues
Demir B., Optimization of Lesion Volume Determination Parameters in Radionuclide Therapy Lesion Dosimetry, Doctorate, E.MUTLU(Student), Continues
Demir B., İki PET/CT Cihazının Lezyon Tespit Performansları Arasında Bir Karşılaştırma, Postgraduate, A.Çebiş(Student), Continues
Demir B., Investigation of Effects of Photon Attenuation Correction Methods on Nuclear Medicine Radioisotope Therapy Dosimetry, Doctorate, A.Qasım(Student), Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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, vol.12, no.2, pp.205-211, 2024 (SCI-Expanded)
- II. **Influence of Early Versus Delayed Hepatic Artery Perfusion Scan on $>90\%$ Selective Internal Radiation Therapy Planning**
KOVAN B., DENİZMEN D., Civan C., KUYUMCU S., IŞIK E. G., HAS ŞİMŞEK D., ÖZKAN Z. G., POYANLI A., DEMİR B., ŞANLI Y.
CANCER BIOTHERAPY AND RADIOPHARMACEUTICALS, 2024 (SCI-Expanded)
- III. **An anthropomorphic body phantom for the determination of calibration factor in radionuclide treatment dosimetry.**
Kovan B., Demir B., Işık E. G., Has Şimşek D., Özkan Z. G., Kuyumcu S., Türkmen C., Şanlı Y.
Radiation protection dosimetry, 2023 (SCI-Expanded)
- IV. **A dosimetric comparison for SBRT plans of localized prostate cancer between Cyberknife and Varian Truebeam STX device.**
Şenişik A. M., Okutan M., Çakir A., İribaş Çelik A., Kaytan Sağlam E., Çevikbaş G., Demir B.
Applied radiation and isotopes : including data, instrumentation and methods for use in agriculture, industry and

medicine, vol.192, no.2, pp.110617, 2023 (SCI-Expanded)

- V. **An Investigation on Production Routes of ^{230}U Radioisotope Used in Targeted Alpha Therapy by Different Level Density Models**
Ozdogan H., ŞEKERCİ M., Karaca M. C., OKUTAN M., DEMİR B., KAPLAN A.
MOSCOW UNIVERSITY PHYSICS BULLETIN, vol.77, no.6, pp.878-885, 2022 (SCI-Expanded)
- VI. **An Investigation on Production Routes of ^{230}U Radioisotope used in Targeted Alpha Therapy by Different Level Density Models**
Özdoğan H., Şekerci M., Cinoğlu Karaca M., Okutan M., Demir B., Kaplan A.
Moscow University Physics Bulletin, vol.2022, no.6, pp.878-885, 2022 (SCI-Expanded)
- VII. **An Analysis for Therapeutic Doses of Patients with Neuroendocrine Tumor Treated with Lutetium ^{177}Lu -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)
- VIII. **The evaluation of lung doses for radiation pneumonia risk in stereotactic body radiotherapy: A comparison of intensity modulated radiotherapy, intensity modulated arc therapy, cyberknife and helical tomotherapy**
Okutan M., Franko A., KÖKSAL AKBAŞ C., GÖKSEL E. O., KARAMAN S., Emre Akpınar Y., Dağoğlu N., DEMİR B.
INTERNATIONAL JOURNAL OF RADIATION RESEARCH, no.4, pp.633-640, 2020 (SCI-Expanded)
- IX. **Assessment of Patient Dose by Positron Emission Tomography (PET) and Medical Internal Dose (MIRD) Methods**
Yılmaz G., Tuğrul B., DEMİR M., Yaşar D., Demir B.
ACTA PHYSICA POLONICA A, no.130, pp.90-92, 2016 (SCI-Expanded)
- X. **Assessment of Patient Dose by Positron Emission Tomography (PET) and Medical Internal Dose (MIRD) Methods**
Yılmaz G., Tuğrul A. B., Demir M., Yasar D., Demir B.
ACTA PHYSICA POLONICA A, no.1, pp.90-92, 2016 (SCI-Expanded)
- XI. **Double Differential Charged Particle Emission Cross Sections and Stopping Power Calculations for Structural Fusion Materials Ni-58, Ni-60**
Sarpun I. H., Aydin A., KAPLAN A., Demir B., Tel E., ÇAPALI V.
JOURNAL OF FUSION ENERGY, vol.34, no.6, pp.1306-1313, 2015 (SCI-Expanded)
- XII. **Comparison of Level Density Models for the Ni-60, Ni-61, Ni-62, Ni-64(p, n) Reactions of Structural Fusion Material Nickel from Threshold to 30 MeV**
Aydin A., Pekdogan H., KAPLAN A., Sarpun I. H., Tel E., Demir B.
JOURNAL OF FUSION ENERGY, vol.34, no.5, pp.1105-1108, 2015 (SCI-Expanded)
- XIII. **Double Differential Cross Section and Stopping Power Calculations of Light Charged Particle Emission for the Structural Fusion Materials Cr-50, Cr-52**
Demir B., Sarpun I. H., KAPLAN A., ÇAPALI V., Aydin A., Tel E.
JOURNAL OF FUSION ENERGY, vol.34, no.4, pp.808-816, 2015 (SCI-Expanded)
- XIV. **Calculations of Double-Differential Neutron Emission Cross Sections for Be-9 Target Nucleus at 14.2 MeV Neutron Energy**
Sahan M., Tel E., Sahan H., Kara A., Aydin A., KAPLAN A., Sarpun I. H., Demir B., AKÇA S., Yildiz E.
JOURNAL OF FUSION ENERGY, vol.34, no.3, pp.493-499, 2015 (SCI-Expanded)
- XV. **RADIATION PROTECTION FOR ACCOMPANYING PERSON AND RADIATION WORKERS IN PET/CT**
Demir M., Demir B., Sayman H., Sager S., Ahmed A. S., Uslu I.
RADIATION PROTECTION DOSIMETRY, no.4, pp.528-532, 2011 (SCI-Expanded)
- XVI. **Radiation doses to technologists working with ^{18}F -FDG in a PET center with high patient capacity**
Demir M., Demir B., Yaşar D., Sayman H. B., Halac M., Ahmed A. S., Ozcan K., Uslu I.
NUKLEONIKA, vol.55, no.1, pp.107-112, 2010 (SCI-Expanded)
- XVII. **Positron emission tomography and radiotherapy treatment planning Pozitron emisyon tomografi ve radyoterapi tedavi planlama**
DEMİR B., Okutan M., Demir M.

- Türk Onkoloji Dergisi, vol.24, no.2, pp.88-97, 2009 (SCI-Expanded)
- XVIII. **THE EFFECT OF OBLIQUE ELECTRON BEAMS TO THE SURFACE DOSE UNDER THE BOLUS**
Demir B., Okutan M., Cakir A., Goksel E., Bilge H. B.
MEDICAL DOSIMETRY, vol.34, no.4, pp.311-316, 2009 (SCI-Expanded)
- XIX. **Radiation Protection for Accompaniment Person in PET/CT**
Nisli S., Demir M., Demir B., Kanmaz B., Tugrul A., Yilmaz G., Halac M., Sager S., Uslu I.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, 2009 (SCI-Expanded)
- XX. **Radiation Doses to Technologists Working with ^{18}F FDG in a PET Center with High Patient Potential**
Demir M., Demir B., Sayman H., Kanmaz B., Ahmed A., Halac M., Yasar D., Uslu I.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, 2009 (SCI-Expanded)
- XXI. **Female breast surface radiation exposure during FDG PET/CT examinations**
Halac M., YILMAZ M. H., Sonmezoglu K., SAGER S., OZER H., YASAR D., Demir B., KANMAZ B., USLU I.
NUCLEAR MEDICINE COMMUNICATIONS, vol.28, no.12, pp.924-928, 2007 (SCI-Expanded)
- XXII. **The effects of non-centred catheter and guidewire on the dose distribution around source in catheter-based intravascular brachytherapy with Sr-90/Y-90 beta source**
Demir B., Demir M., Ahmed A.
RADIATION MEASUREMENTS, vol.41, no.3, pp.317-322, 2006 (SCI-Expanded)
- XXIII. **Depth dose characteristics of electron beams at extended SSDs**
Gunhan B., Karacam S., Koca A., Demir B., Emre D., Akin N.
PHYSICA MEDICA-EUROPEAN JOURNAL OF MEDICAL PHYSICS, vol.21, no.2, pp.75-80, 2005 (SCI-Expanded)
- XXIV. **The effect of pull back technique on dose distribution in the junction region for Sr-90/Y-90 intravascular brachytherapy sources**
Demir B., Bilge H. B., Dinçbas F., Koca A., Karacam S., Gunhan B.
RADIATION MEASUREMENTS, vol.39, no.1, pp.29-32, 2005 (SCI-Expanded)
- XXV. **The effect of asymmetric collimation on the dose distribution and verification of treatment planning system for asymmetric fields**
DEMİR B., Koca A., Günhan B., Bilge H., KARAÇAM S.
JOURNAL OF BUON, vol.9, pp.83-89, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **EVALUATING LONG-TERM EXTERNAL DOSES AT SHORT RANGE IN PATIENTS RECEIVING 131I TREATMENT FOR DIFFERENTIATED THYROID CARCINOMA**
KOVAN B., ARSLAN D. F., Civan C., IŞIK E. G., DEMİR B., KUYUMCU S., ŞANLI Y.
JOURNAL OF ISTANBUL FACULTY OF MEDICINE-ISTANBUL TIP FAKULTESİ DERGİSİ, 2024 (ESCI)
- II. **The Effect of Particle Size of Polyvinyl Alcohol/Bentonite Clay Mixture on the Radiation Shielding: A Monte Carlo Study**
Manici T., Algün G., Akçay N., Demir B.
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN EDEBİYAT FAKÜLTESİ FEN DERGİSİ = SÜLEYMAN DEMİREL UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.19, no.1, pp.63-74, 2024 (Peer-Reviewed Journal)
- III. **Treatment Planning Comparison of Intensity Modulated Arc Therapy and CyberKnife Techniques in Early Stage Glottic Larynx Radiotherapy**
Alay S., GÖKSEL E. O., ÖZKAYA TORAMAN K., OKUTAN M., DEMİR B.
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN EDEBİYAT FAKÜLTESİ FEN DERGİSİ = SÜLEYMAN DEMİREL UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.17, no.1, pp.65-71, 2022 (Peer-Reviewed Journal)
- IV. **A STUDY ON THE CALCULATIONS OF CROSS-SECTIONS FOR $^{66,67}\text{Ga}$ AND ^{75}Se RADIONUCLIDES PRODUCTION REACTIONS VIA ^3He PARTICLES**

Kaplan A., Şekerci M., Özdoğan H., Demir B.

Eskişehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering, vol.21, no.4, pp.554-561, 2020 (Peer-Reviewed Journal)

- V. **COMPARATIVE ASSESMENT OF DOSE CALIBRATORS USED IN NUCLEAR MEDICINE**
Cinoğlu Karaca M., Tunçman D., Kovan H., Mulazımoğlu M., Demir B.
Middle East Journal of Science, vol.6, no.2, pp.44-46, 2020 (Peer-Reviewed Journal)
- VI. **Dosimetric Comparison of 3D-CRT, IMRT, IMAT and Helical Tomotherapy for Thoracic Esophageal Carcinoma**
OKUTAN M., Bayram Ş., KÖKSAL C., GÖKSEL E. O., KARAMAN Ş., AKPINAR Y. E., DAĞOĞLU SAKİN R. N., DEMİR B.
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN EDEBİYAT FAKÜLTESİ FEN DERGİSİ = SÜLEYMAN DEMİREL UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.15, no.1, pp.130-139, 2020 (Peer-Reviewed Journal)
- VII. **A dosimetric plan study to increase the dose from 63 gy to 70 gy in early-stage glottic larynx cancer**
Okutan M., Şengül B., KÖKSAL AKBAŞ C., GÖKSEL E. O., ÖZKAYA TORAMAN K., DEMİR B., ALTUN M.
Turk Onkoloji Dergisi, vol.35, no.3, pp.306-314, 2020 (ESCI)
- VIII. **Dosimetric Verification of Hybrid Treatment Plan by TLD in the Treatment of Nasopharyngeal Cancer Radiotherapy**
BOZ G., OKUTAN M., DEMİR B.
Süleyman Demirel Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, vol.14, no.2, pp.395-401, 2019 (Peer-Reviewed Journal)
- IX. **Quality Control Tests of SPECT- CT**
Tunçman Genç D., Kovan B., Demir B., Türkmen C.
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN EDEBİYAT FAKÜLTESİ FEN DERGİSİ = SÜLEYMAN DEMİREL UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.14, no.1, pp.39-56, 2019 (Peer-Reviewed Journal)
- X. **DOSIMETRIC INVESTIGATION OF RADIOTHERAPY OF SMALL SIZE TUMORS IN RADIOSURGERY DEVICES**
Tunçman D., Mutlu E., Okutan M., Demir B.
Middle East Journal of Science, vol.5, no.1, pp.63-72, 2019 (Peer-Reviewed Journal)
- XI. **Vertebra Radyoterapisinde Cyberknife ve Imat Tekniklerinin İncelenmesi: Dozimetrik Çalışma**
OKUTAN M., Günen A., DEMİR B.
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN EDEBİYAT FAKÜLTESİ FEN DERGİSİ = SÜLEYMAN DEMİREL UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.13, no.2, pp.90-96, 2018 (Peer-Reviewed Journal)
- XII. **The Effect of Respiratory on Dose Distributions in Radiotherapy of Lung Cancer: A Phantom Study.**
Damgacı S., Akbaş U., Köksal C., Çapalı V., Okutan M., Demir B.
Süleyman Demirel University Journal of Science (e-journal), vol.11, no.1, pp.51-60, 2016 (Peer-Reviewed Journal)
- XIII. <https://dergipark.org.tr/en/download/article-file/1124219>
Damgacı S., AKBAŞ U., KÖKSAL C., ÇAPALI V., OKUTAN M., DEMİR B.
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN EDEBİYAT FAKÜLTESİ FEN DERGİSİ = SÜLEYMAN DEMİREL UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.11, no.1, pp.51-60, 2016 (Peer-Reviewed Journal)
- XIV. **Production Cross-Section Calculations of Medical 125I Radionuclide Using γ , β and α Induced Reactions**
DEMİR B., Çapalı V., Sarpun I. H., Kaplan A.
SDU Journal of Science, vol.10, no.2, pp.116-121, 2015 (Peer-Reviewed Journal)
- XV. **Gamma radiation exposure of accompanying persons due to Lu-177 patients**
Kovan B., DEMİR B., Tunçman D., Çapalı V., TÜRKMEN C.
european physical journal web of conferences, vol.100, pp.1-2, 2015 (Scopus)
- XVI. **A systematic quality assurance study in bone densitometry devices**
Tunçman D., Kovan H., Kovan B., DEMİR B., TÜRKMEN C.

European Physical Journal Web of Conferences, vol.100, pp.1-2, 2015 (Scopus)

- XVII. **Gama Kameraların Kalite Kontrol Testleri**
Tunçman D., Kovan B., Poyraz L., Çapalı V., DEMİR B., TÜRKMEN C.
Süleyman Demirel Üniversitesi Fen Dergisi (e-Dergi), vol.10, no.1, pp.75-84, 2015 (Peer-Reviewed Journal)
- XVIII. **Radyoaktif sigara: Tütün + Polonyum-210 + Kurşun-210**
DEMİR B., Okutan M.
TÜRK ONKOLOJİ DERGİSİ, no.29, pp.27-31, 2014 (Scopus)
- XIX. **Radioactive smoke: tobacco**
DEMİR B., Okutan M.
TURK ONKOLOJI DERGISI-TURKISH JOURNAL OF ONCOLOGY, vol.29, no.1, pp.27-31, 2014 (ESCI)
- XX. **PET/CT Patient Dosage Assay**
Yılmaz G., Tuğrul A. B., Demir M., Yaşar D., DEMİR B., Büyük B.
World Academy of Science, Engineering and Technology International Journal of Medical, Pharmaceutical Science and Engineering, no.7, pp.106-110, 2013 (Peer-Reviewed Journal)
- XXI. **Radyoterapi Işınlarnın Kalite Kontrolünde Yarı İletken Diyot ve Silindirik İyon Odası Performanslarının Karşılaştırılması**
okay s., DEMİR B., Öztaş a.
SDÜ Fen Dergisi, no.8, pp.151-162, 2013 (Peer-Reviewed Journal)
- XXII. **A New TLD Holder for External Radiotherapy Beam Audit**
Yaşar D., DEMİR B., KAM E., Karahan G., OKUTAN M.
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN EDEBİYAT FAKÜLTESİ FEN DERGİSİ = SÜLEYMAN DEMİREL UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.8, no.1, pp.92-99, 2013 (Peer-Reviewed Journal)
- XXIII. **Bir medikal lineer hızlandırıcıda sanal elektron enerjilerinin dozimetrisi**
OKUTAN M., ÇAKIR A., DEMİR B., Bilge H., AKKUŞ B.
TÜRK ONKOLOJİ DERGİSİ, vol.28, pp.105-111, 2013 (Scopus)
- XXIV. **The Effects of Scan Duration and Injection Dose on the Image Quality of a LSO-PET: A Phantom Study**
Demir B., DEMİR M., Sager S., Halaç M., Ahmed S., Uslu İ.
Turk J Nucl Med, vol.19, no.1, pp.1-6, 2010 (Peer-Reviewed Journal)
- XXV. **Pozitron emisyon tomografi ve radyoterapi tedavi planlama**
DEMİR B., OKUTAN M., DEMİR M.
TURK ONKOLOJI DERGISI, vol.24, no.2, pp.88-97, 2009 (Scopus)
- XXVI. **Positron emission tomography and radiotherapy treatment planning**
DEMİR B., Okutan M., Demir M.
TURK ONKOLOJI DERGISI-TURKISH JOURNAL OF ONCOLOGY, vol.24, no.2, pp.88-97, 2009 (ESCI)
- XXVII. **Medikal Fizikçilerin Eğitimi, Görev ve Sorumlulukları**
DEMİR M., Demir B.
Ticaret Üniversitesi Fen Bilimleri Dergisi, vol.14, no.2, pp.63-71, 2008 (Peer-Reviewed Journal)
- XXVIII. **Verification and uniformity control of doses for Sr-90/ Y-90 intravascular brachytherapy sources using radiochromic film dosimetry**
DEMİR B., Ahmed A. S., Babalık E., DEMİR M., Gurmen T. K.
JOURNAL OF MEDICAL PHYSICS, vol.33, no.2, pp.54-59, 2008 (ESCI)
- XXIX. **Gama prob ve gama kamerasının lezyon tespit etkinliklerinin lenf düğümleri modeli ile araştırılması**
DEMİR B., OKUTAN M., HALAÇ M., DEMİR M.
TURK ONKOLOJI DERGISI, vol.22, no.4, pp.159-165, 2007 (Scopus)
- XXX. **The measurement and comparison of dosimetry parameters of Orion (4 MV) linear accelerators after magnetron changes**
Karacam S. C., Koca A., Gunhan B., DEMİR B., Koca S.
TURK ONKOLOJI DERGISI-TURKISH JOURNAL OF ONCOLOGY, vol.22, no.1, pp.29-34, 2007 (ESCI)
- XXXI. **Orion (4 MV) lineer hızlandırıcı cihazın magnetron değişimlerinden sonraki dozimetri parametrelerinin ölçümü ve karşılaştırılması**

- KARAÇAM S., Koca A., Günhan B., DEMİR B., Koca S.
TÜRK ONKOLOJİ DERGİSİ, vol.22, no.1, pp.29-34, 2007 (Scopus)
- XXXII. **The investigation of lesion detection performances of gamma probe and gamma camera using a lymph nodes model**
DEMİR B., Okutan M., Halac M., Demir M.
TURK ONKOLOJI DERGISI-TURKISH JOURNAL OF ONCOLOGY, vol.22, no.4, pp.159-165, 2007 (ESCI)
- XXXIII. **. A Quantitative Evaluation of the Masking effect arising from Proximity of Injection site to the Adjacent Lymph Nodes in Lymphoscintigraphy: A Phantom Study**
Asm s. a., Demir M., DEMİR B.
world journal of nuclear medicine, no.5, pp.119-128, 2006 (ESCI)
- XXXIV. **Kemik mineral yoğunluğu ölçümlerinde personel dozlarının değerlendirilmesi**
DEMİR B., DEMİR M., SAĞER M. S., HALAÇ M., sürücü m., Yaşar D., USLU İ.
turkish journal of nuclear medicine, vol.14, pp.118-122, 2005 (Peer-Reviewed Journal)
- XXXV. **Dikdörtgen Elektron Alanlarına Ait Işın Çıkışı (Doz Verimi) Faktörlerinin Belirlenmesinde Kullanılan Yöntemlerin Farklı Elektron Enerjileri İçin Karşılaştırılması**
KARAÇAM S., DEMİR B., Günhan B., koca a., Öber A.
TÜRK ONKOLOJİ DERGİSİ, vol.19, no.2, pp.46-52, 2004 (ESCI)
- XXXVI. **CA-24 Çok Kanallı İyon Odasının (Linear Chamber Array) Kalite Kontrol Aracı Olarak Kullanılması**
KARAÇAM S., Günhan B., Koca A., DEMİR B., Öber A.
TÜRK ONKOLOJİ DERGİSİ, vol.18, no.3, pp.103-107, 2003 (ESCI)
- XXXVII. **EKSTERNAL RADYOTERAPİ CİHAZLARINA AİT DOZİMETRİK PARAMETRELERİN $\div L \ll M$ VE FABRİKA DEĞERLERİNİN KARŞILAŞTIRMASI**
DEMİR B., koca a., Günhan B., KARAÇAM S., Öber A.
CERRAHPAŞA TIP DERGİSİ, vol.34, no.1, pp.28-35, 2003 (Peer-Reviewed Journal)
- XXXVIII. **ELEKTRON TEDAVİSİNDE HASTA VE BOLUS ARASINDAKİ HAVA BOŞLUĞUNUN DİK VE OBLİK IŞINLAMALARDA YÜZEY DOZLARINA ETKİSİ**
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- VII. **Dosimetric Investigation of Small Size Tumors Irradiated in Radiosurgery Devices**
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- IX. **Investigation of tissue inhomogeneity effect on dose distribution for 3D high dose rate brachytherapy using EBT3 gafchromic film**
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- XIII. **Radiation doses to pediatric patients originated from adult patients in nuclear medicine waiting room**
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- XIV. **Quality control test of 99MTC perteknetat marked hydroxyethylene diphosphonate (HDP) radiopharmaceutical**
Kovan H., Kovan B., DEMİR B.
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- XV. **Surface dose measurement with gafchromic EBT3 film for intensity modulated radiotherapy technique.**
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Kovan B., Yılmaz E., Kovan H., Özkan Z. G., Poyraz L., Büyükkaya F., Demir B., Mudun A., Türkmen C.
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Günen A., OKUTAN M., KÖKSAL C., AKBAŞ U., KARAMAN Ş., DEMİR B.
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- XX. **DOSIMETRIC COMPARISON OF RAY TRACING AND MONTE CARLO CALCULATION ALGORITHMS FOR SBRT OF SPINE TUMORS**
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- XXI. **QUALITY CONTROL TESTS OF DOSE CALIBRATORS USED IN NUCLEAR MEDICINE.**
Tunçman Genç D., Poyraz L., DEMİR B., Kovan B., TÜRKMEN C.
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Boz G., OKUTAN M., AKBAŞ U., KÖKSAL C., ÖZKAYA K., DEMİR B.
Turkish Physical Society 32. International Physics Congress, Muğla, Turkey, 6 - 08 September 2016, pp.425
- XXIII. **Radiation Dosimetry in Treatment of Neuroendocrine Tumors with Lu-177**
Kovan B., DEMİR B., Tunçman D., Poyraz L., TÜRKMEN C.
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- XXIV. **Quality Control Tests of a Single Photon Emission Computed Tomography–Computer Tomograpy Imaging Device**
Tunçman D., DEMİR B., Poyraz L., Kovan B., TÜRKMEN C.

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- XXV. **Radiation Protection Effects of Syringe Shielding and Syringe Carrier During a Pet Study.**
Çepni T., DEMİR B., Kovan B., Poyraz L., TÜRKMEN C.
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Demir B., SARPÜN İ. H., Dogan Y. E.
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Yılmaz G., Tuğrul A. B., DEMİR M., Yaşar D., DEMİR B.
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- XXXI. **Tc-99m MAA sintigrafisi ile Y-90 mikroküre tedavi planlanmasında hepatopulmoner şant oranının hesaplanması için planar ve SPECTBT görüntüleme yöntemlerinin karşılaştırılması**
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Kovan B., Demir B., Tuncman D., ÇAPALI V., Turkmen C.
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Akbas U., Okutan M., Demir B., Köksal C.
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- XXXVI. **Radyoterapide Farklı Tedavi Modellerinin Karşılaştırılması**

- Damgacı S., DEMİR B., OKUTAN M.
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Kestek S., Kovan B., Poyraz L., DEMİR B.
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- XXXVIII. **Daily quality control tests of dose calibrator in nuclear medicine.**
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Tunçman D., DEMİR B., KILIÇ Ö.
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- XL. **A comparison of proton and photon radiotherapy**
Çepni T., DEMİR B.
International student conference of the Balkan Physical Union, ISCBPU-10, İstanbul, Turkey, 3 - 05 September 2013, pp.67
- XLI. **Production of nuclear medicine radiopharmaceuticals**
Sevimli İ., Poyraz L., Kovan B., DEMİR B.
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- XLII. **Health effect of Radon**
Gündoğdu B., DEMİR B.
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- XLIII. **Health effect of Polonium**
Kaya E., DEMİR B.
Balkan Physical Union, ISCBPU-10, İstanbul, Turkey, 3 - 05 September 2013, pp.66
- XLIV. **Proton Tedavi Teknikleri**
Doğan M., Çepni T., Damgacı S., DEMİR B.
Turkish Physical Society 29. International Physics Congress, Muğla, Turkey, 5 - 08 September 2012, pp.690
- XLV. **Farklı kemik mineral yoğunluğu cihazlarının ölçüm sonuçlarının karşılaştırılması.**
Kovan B., Poyraz L., DEMİR B., Ünal S.
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- XLVI. **Çeşitli nükleer tıp radyoizotoplarının kullanım alanları ve üretim enerjileri.**
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Tokmakyan A., DEMİR B.
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- XLVIII. **Energy Response of the EBT Radiochromic Films to High Energy Photon and Electron Beams.**
DEMİR B., OKUTAN M., Çakır A., BECERİR H.
28. International Physics Congress, Muğla, Turkey, 6 - 09 September 2011, pp.573
- XLIX. **THM Proton Hızlandırıcısı Alt Projesi**
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- LI. **Radiation Doses to Technologists Working with 18F FDG in a PET Center with High Patient Potential**
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- LIII. **PET/BT'de hasta refakatçilerinin radyasyondan korunması**
DEMİR B., DEMİR M., Tuğrul B., Yılmaz G., Halaç M., USLU İ.
X. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Muğla, Turkey, 6 - 09 October 2009, pp.106
- LIV. **Türk hızlandırıcı merkezi proton hızlandırıcısının tedavi amaçlı kullanım potansiyeli**
DEMİR B., OKUTAN M., ÇAVDAR İ., ÖKTEM Y., AKKUŞ B.
X. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Muğla, Turkey, 6 - 09 October 2009, pp.107
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- LVIII. **Prostat kanseri tedavisinde konformal radyoterapi tekniklerinin kritik organ dozları açısından değerlendirilmesi**
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DEMİR B.
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- LXI. **The investigation of cancer metastases using a model of breast tumour and lymph nodes.**
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- LXIV. **A comparison between surgical csar and clips in the 3D treatment planning of breast electron boost**
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- LXVII. **Lenf düğümleri modelinde nükleer yöntemler ile maling melanom kanser metaztazi araştırması**
DEMİR B., OKUTAN M., DEMİR M.
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- LXVIII. **Cerrahpaşa Tıp Fak Radyasyon Onkolojisi A.D. ve İ.Ü. Onkoloji Enstitüsü Satürne-42 Lineer Akselleratör Cihazına Ait Diagonal Profillerin Düzgünlüğünün (PD) birbirleriyle ve ISIS-3D Tedavi Planlama Sistemleri ile karşılaştırılması.**
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- LXIX. **İntravasküler Brakiterapi Kaynaklarının Doz Hızlarının Tespiti**
DEMİR B., Koca A., Günhan B., KARAÇAM S.
IX. Ulusal Medikal Fizik Kongresi, Trakya Üniversitesi, Edirne, Turkey, 4 - 06 September 2003, pp.77
- LXX. **Büyük SSD'lerde elektron huzmesi doz karakteristikleri.**
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DEMİR B., DİNÇBAŞ H. F., KARAÇAM S., Koca A., Günhan B., Koca S.
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- LXXII. **Co-60 ve Orion (4 MV) lineer akseleratör cihazında yapılan mantle ışınlamalarında fetus dozlarının araştırılması**
KARAÇAM S., Günhan B., DEMİR B., koca A., Beşe N., ÇEPNİ İ., Öber A.
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- LXXIII. **Asimetrik alanlarda satürne-42 (6-15 MV) lineer hızlandırıcı cihazının dozimetrik parametrelerinin araştırılması**
DEMİR B., BECERİR H., Koca A., KARAÇAM S., Günhan B., Öber A.
VIII Medikal Fizik Kongresi, İstanbul, Turkey, 18 - 20 October 2001, pp.44
- LXXIV. **Elektron huzmelerinde yüzey dozunun araştırılması ve bolüsün yüzey dozuna etkisini incelenmesi**
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ALGÜN G., AKÇAY N., DEMİR B., ŞAFAK BOROĞLU M., Project Supported by Higher Education Institutions, NANOPARÇACIKLARIN GÜNEŞ PİLİ VERİMLİLİĞİNE ETKİSİ, 2015 - 2017

DEMİR B., Project Supported by Higher Education Institutions, Lu-177 ile Nöroendokrin Tümörlerinin Tedavisinde Radyasyon Dozimetrisi, 2015 - 2016

Yavaş Ö., Akkuş B., Özkorucuklu S., Öktem Y., Şahin Yalçın L., Demir B., Ganioglu Nutku E., Çakırlı Mutlu R. B., Susam L., Küçer R., et al., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Türk Hızlandırıcı Merkezinin Teknik Tasarımı ve Test Laboratuvarlarının Kurulması, 2011 - 2015

DEMİR B., Project Supported by Higher Education Institutions, Organ Hareketlerinin Radyoterapi Dozlarına Etkileri, 2013 - 2014

DEMİR B., Project Supported by Higher Education Institutions, Elektron ışınlarının dozimetrik karakteristiklerinin MonteCarlo simülasyon programı ile incelenmesi, 2010 - 2013

Activities in Scientific Journals

Middle East Journal of Science, Editor, 2018 - Continues

TURKISH JOURNAL OF ONCOLOGY, Evaluation Committee Member, 2017 - Continues

Memberships / Tasks in Scientific Organizations

Medikal Fizik Derneği, Member, 2012 - Continues

Scientific Refereeing

INTERNATIONAL JOURNAL OF RADIATION RESEARCH , SCI Journal, February 2018

Cumhuriyet Science Journal, National Scientific Refreed Journal, January 2018

International Journal of Medical Physics,Clinical Engineering and Radiation Oncology (IJMPCERO), Other Indexed Journal, January 2018

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Medical dosimetry, SCI Journal, November 2017

International Journal of Medical Physics,Clinical Engineering and Radiation Oncology (IJMPCERO), Other Indexed Journal, October 2017

International Journal of Medical Physics,Clinical Engineering and Radiation Oncology (IJMPCERO), Other Indexed Journal, October 2017

International Journal of Medical Physics,Clinical Engineering and Radiation Oncology (IJMPCERO), Other Indexed Journal, September 2017

SDU Journal of Science (E-Journal), National Scientific Refreed Journal, September 2017

International Journal of Medical Physics,Clinical Engineering and Radiation Oncology (IJMPCERO), Other Indexed Journal, July 2017

Nuclear Science and Techniques, SCI Journal, May 2017

Turkish Journal Of Physics, Other Indexed Journal, May 2017

Applied Radiation and Isotopes, SCI Journal, April 2017
International Journal of Medical Physics,Clinical Engineering and Radiation Oncology (IJMPCERO) , Other Indexed Journal, April 2017
CBÜ Fen Bil. Dergi, National Scientific Refreed Journal, March 2017
International Journal of Radiation Research, SCI Journal, February 2017
Indian Journal of Physics, SCI Journal, January 2017
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Süleyman Demirel Üniversitesi, Journal of Natural and Applied Sciences, National Scientific Refreed Journal, September 2016
International Journal of Radiation Research, SCI Journal, June 2016
Medical Dosimetry, SCI Journal, April 2016
Balkan Physics Letters-BPL, Other Indexed Journal, February 2016
Süleyman Demirel Üniversitesi, Journal of Natural and Applied Sciences, National Scientific Refreed Journal, February 2016
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Scientific Consultations

TÜBİTAK, Other, Istanbul University, Faculty Of Science, Department Of Physics, Turkey, 2016 - 2016

Metrics

Publication: 147

Citation (WoS): 157

Citation (Scopus): 149

H-Index (WoS): 7

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Congress and Symposium Activities

Joint ICTP-IAEA Workshop on Internal Dosimetry for Medical Physicists Specializing in Nuclear Medicine, Attendee,
Trieste, Italy, 2016

Non Academic Experience

İstanbul Üniversitesi, Fen Fakültesi

İstanbul Üniversitesi, Cerrahpaşa Tıp Fakültesi