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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, Cerrahpasa 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. **Influence of Early Versus Delayed Hepatic Artery Perfusion Scan on ⁹⁰Y 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)
II. **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)
III. **A dosimetric comparison for SBRT plans of localized prostate cancer between Cyberknife and Varian Truebeam STX device.**
Şenişik A. M., Okutan M., Çakir A., Iribaş 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)
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, 2023 (SCI-Expanded)

V. **An Investigation on Production Routes of 230U 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)

VI. **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)

VII. **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, vol.18, no.4, pp.633-640, 2020 (SCI-Expanded)

VIII. **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)

IX. **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)

X. **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)

XI. **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)

XII. **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)

XIII. **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)

XIV. **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)

XV. **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)

XVI. **Positron emission tomography and radiotherapy treatment planning Pozitron emisyon tomografi ve radyoterapi tedavi planlama**
DEMİR B., Okutan M., Demir M.
Turk Onkoloji Dergisi, vol.24, no.2, pp.88-97, 2009 (SCI-Expanded)

XVII. **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)

XVIII. **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)

XIX. **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)

XX. **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., Dincbas F., Koca A., Karacam S., Gunhan B.
RADIATION MEASUREMENTS, vol.39, no.1, pp.29-32, 2005 (SCI-Expanded)

XXI. **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. **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 DEMIREL ÜNIVERSITESI FEN EDEBIYAT FAKÜLTESI FEN DERGISI = SÜLEYMAN DEMIREL UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.17, no.1, pp.65-71, 2022 (Peer-Reviewed Journal)

II. **A STUDY ON THE CALCULATIONS OF CROSS–SECTIONS FOR 66,67Ga AND 75Se 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)

III. **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)

IV. **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 DEMIREL ÜNIVERSITESI FEN EDEBIYAT FAKÜLTESI FEN DERGISI = SÜLEYMAN DEMIREL UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.15, no.1, pp.130-139, 2020 (Peer-Reviewed Journal)

V. **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)

VI. **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)

VII. **Quality Control Tests of SPECT- CT**
Tunçman Genç D., Kovan B., Demir B., Türkmen C.
SÜLEYMAN DEMIREL ÜNIVERSITESI FEN EDEBIYAT FAKÜLTESI FEN DERGISI = SÜLEYMAN DEMIREL UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.14, no.1, pp.39-56, 2019 (Peer-Reviewed Journal)

VIII. **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)

IX. **Vertebra Radyoterapisinde Cyberknife ve Imat Tekniklerinin İncelenmesi: Dozimetrik Çalışma**
OKUTAN M., Günen A., DEMİR B.
SÜLEYMAN DEMIREL ÜNIVERSITESI FEN EDEBIYAT FAKÜLTESI FEN DERGISI = SÜLEYMAN DEMIREL UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.13, no.2, pp.90-96, 2018 (Peer-Reviewed Journal)

X. **The Effect of Respiratory on Dose Distributions in Radiotherapyof 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)

XI. **https://dergipark.org.tr/en/download/article-file/1124219**
Damgacı S., AKBAŞ U., KÖKSAL C., ÇAPALI V., OKUTAN M., DEMİR B.
SÜLEYMAN DEMIREL ÜNIVERSITESI FEN EDEBIYAT FAKÜLTESI FEN DERGISI = SÜLEYMAN DEMIREL UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.11, no.1, pp.51-60, 2016 (Peer-Reviewed Journal)

XII. **Production Cross–Section Calculations of Medical 125I Radionuclide Using ?, d and ? 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)

XIII. **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)

XIV. **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)

XV. **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)

XVI. **Radioactive smoke: tobacco**
DEMİR B., Okutan M.
TURK ONKOLOJI DERGISI-TURKISH JOURNAL OF ONCOLOGY, vol.29, no.1, pp.27-31, 2014 (ESCI)

XVII. **Radyoaktif sigara: Tütün + Polonyum-210 + Kurşun-210**
DEMİR B., Okutan M.
TÜRK ONKOLOJİ DERGİSİ, no.29, pp.27-31, 2014 (Scopus)

XVIII. **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)

XIX. **Radyoterapi Işınlarının 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)

XX. **A New TLD Holder for External Radiotherapy Beam Audit**
Yaşar D., DEMİR B., KAM E., Karahan G., OKUTAN M.
SÜLEYMAN DEMIREL ÜNIVERSITESI FEN EDEBIYAT FAKÜLTESI FEN DERGISI = SÜLEYMAN DEMIREL UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.8, no.1, pp.92-99, 2013 (Peer-Reviewed Journal)

XXI. **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)

XXII. **The Effects of Scan Duration andInjection Dose on the Image Quality ofa 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)

XXIII. **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)

XXIV. **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)

XXV. **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)

XXVI. **Verification and uniformity control of doses for Sr-90/ Y-90 intravascular brachytherapy sources using radiochromic film dosimetry**
DEMİR B., Ahmed A. S., Babalik E., DEMİR M., Gurmen T. K.
JOURNAL OF MEDICAL PHYSICS, vol.33, no.2, pp.54-59, 2008 (ESCI)

XXVII. **Gama prob ve gama kameranın 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)

XXVIII. **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)

XXIX. **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)

XXX. **The measurement and comparison of dosimetry parameters of Orion (4 MV) lineer 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. **. 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)

XXXII. **Kemik mineral yoğunluğu ölçümlerinde personel dozlarının değerlendirmesi**
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)

XXXIII. **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.
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XXXIV. **CA-24 Çok Kanallı İyon Odasının (Linear Chamber Array) Kalite Kontrol Aracı Olarak Kullanılması**
KARAÇAM S., Günhan B., Koca A., DEMİR B., Öber A.
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XXXV. **EKSTERNAL RADYOTERAPİ CİHAZLARINA AİT DOZİMETRİK PARAMETRELERİN ÷L«‹M VE FABRİKA DEĞERLERİNİN KARŞILAŞTIRMASI**
DEMİR B., koca a., Günhan B., KARAÇAM S., Öber A.
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XXXVI. **ELEKTRON TEDAVİSİNDE HASTA VE BOLUS ARASINDAKİ HAVA BOŞLUĞUNUN DİK VE OBLİK**

IŞINLAMALARDA YÜZEY DOZLARINA ETKİSİ
KARAÇAM S., DEMİR B., Günhan B., koca a.
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XXXVII. **SATURNE 42 LİNEER HIZLANDIRICIDA ETKİN KAYNAK-CİLT MESAFESİNİN ALAN BOYUTU VE ELEKTRON ENERJİSİNE BAĞLI DEĞİŞİMİNİN İNCELENMESİ**
Günhan B., Koca A., DEMİR B., KARAÇAM S.
TÜRK ONKOLOJİ DERGİSİ, vol.17, no.2, pp.86-89, 2002 (ESCI)

XXXVIII. **YÜKSEK ENERJİLİ FOTON HUZMELERİ İÇİN 'WEDGE' FAKTÖRLERİNİN DERİNLİK VE ALAN BAĞIMLILIKLARININ ARAŞTIRILMASI**
Gürsoy O., KEMİKLER G., Demir B., Çakır A.
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XXXIX. **Asimetrik kolimasyon ile tanjansiyel alan meme ışınlama tekniği**
Demir B., Günhan B., BİLGE H., Beşe N., Karaçam S., Koca A., Öber A.
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Books & Book Chapters

I. **Radyasyonun Etki Kademeleri ve Biyolojik Etkinlik...**
Demir B.
in: Radyoterapi Fiziği, Hatice Bilge Becerir ; Fadime Alkaya, Editor, Nobel Yayın Dağıtım, İstanbul, pp.135-142, 2020

II. **Nükleer Tıp / Magmatik Rezonans-Radyoterapi (9. Bölüm)**
DEMİR B.
in: Nükleer Fizik: Temelleri ve Uygulamaları, Abdullah Aydın, İsmail Hakkı Sarpün, Eyyüp Tel, Abdullah Kaplan , Editor, Nobel Akademik Yayıncılık, Ankara, pp.233-259, 2018

III. **Nükleer Tıp**
Okutan M., Demir B.
in: Nükleer Fizik- İlkeler ve Uygulamalar, Prof. Dr. Abdullah Aydın,Doç.Dr. İsmail Hakkı sarpün,Prof. Dr. Eyyüp Tel,Prof. Dr. Abdullah Kaplan, Editor, Nobel, Ankara, pp.233-261, 2018

IV. **Radyasyonun Biyolojik Etkileri**
DEMİR B.
in: Nükleer Enerji, Yılmaz A.H., Aydın A., Bayram T., Akkoyuncu S., Billur A.A., Editor, Nobel Yayın Dağıtım, Ankara, pp.139-152, 2015

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I. **Radyoembolizasyon tedavi planlanmasında hepatik 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.
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II. **Akciğer kanseri radyoterapisinde dört boyutlu bilgisayarlı tomografi ile hedef hacim tanımlama stratejilerinin hareketli fantom ve film dozimetrisi ile araştırılması**
Köksal Akbaş C., Dönmez Kesen N., Demir B., Okutan M., Becerir H. B.
17. Ulusal Medikal Fizik Kongresi, İstanbul, Turkey, 18 - 19 October 2019, pp.78

III. **Tümör hareketinin VMAT tekniği ile ışınlamalarda doz dağılımı üzerine etkisi: akciğer fantom çalışması.**
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IV. **The Effect Of Spillover Artefact And Pulmonary Movement To The Calculation Of Hepatopulmonary Shunt Ratio**

KOVAN B., ÖZKAN Z. G., KARABACAK M. N., Yılmaz E., POYRAZ L., DEMİR B., TÜRKMEN C., POYANLI A., MUDUN A.
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KAPLAN A., ŞEKERCİ M., Demir B.
1st International Conference on Radiations and Applications (ICRA), Algiers, Algeria, 20 - 23 November 2017, vol.1994

VI. **Yoğunluk Ayarlı Radyoterapi Tekniğinde Yüzey Dozunun Film Dozimetrisi Kullanılarak Araştırılması**
AKBAŞ U., DÖNMEZ KESEN N., KÖKSAL C., OKUTAN M., DEMİR B., BECERİR H.
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VII. **Dosimetric Investigation of Small Size Tumors Irradiated in Radiosurgery Devices**
TUNÇMAN GENÇ D., KÖKSAL C., AKBAŞ U., DÖNMEZ KESEN N., OKUTAN M., DEMİR B.
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VIII. **Calculation of excitation functions of some elements with (3 He,p)reactions**
Bilgin H., Sarpün İ. H., DEMİR B.
TESNAT-2017, Adana, Turkey, 10 - 12 May 2017, pp.76

IX. **Investigation of tissue ınhomogeneity effect on dose distribution for 3D high dose rate brachytherapy using EBT3 gafchromic film**
GENÇ TUNÇMAN D., KÖKSAL C., AKBAŞ U., DÖNMEZ KESEN N., OKUTAN M., BECERİR H., DEMİR B.
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X. **The treatment techniques in localized prostate cancer who has ahernia: A case study**
Köksal C., Akbaş U., Dönmez Kesen N., Okutan M., Demir B., İribaş Çelik A., Becerir H.
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XI. **A dosimetric comparison with 3-dimensional conformal and volumetric modulated arc therapy for endometrial cancer**
DEMİR B., KÖKSAL C., DÖNMEZ KESEN N., AKBAŞ U., OKUTAN M., İBİŞ K., KÜÇÜCÜK N. S., BECERİR H.
TESNAT 2017, Adana, Turkey, 10 - 12 May 2017, pp.191

XII. **Alternative radiotherapy planning for head and neck cancer treatment**
AKBAŞ U., KÖKSAL C., DÖNMEZ KESEN N., OKUTAN M., ÖZKAYA K., DEMİR B., BECERİR H., ALTUN M.
TESNAT 2017, Adana, Turkey, 10 - 12 May 2017, pp.183

XIII. **Radiation doses to pediatric patients originated from adult patients in nuclear medicine waiting room**
Bilal K., DEMİR B., Çapalı V., Tunçman Genç D., TÜRKMEN C.
TESNAT-2017, Adana, Turkey, 10 - 12 May 2017, pp.184

XIV. **Quality control test of 99MTC perteknetat marked hydroxyethylene diphosphonate (HDP) radiopharmaceutical**
Kovan H., Kovan B., DEMİR B.
TESNAT-2017, Adana, Turkey, 10 - 12 May 2017, pp.186

XV. **Surface dose measurement with gafchromic EBT3 film for intensity modulated radiotherapy technique.**
Akbaş U., Dönmez Kesen N., Köksal Akbaş C., Okutan M., Demir B., Becerir H. B.
3rd International Workshop on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2017), Adana, Turkey, 10 - 12 May 2017, pp.168

XVI. **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.
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Akbas U., Kesen N., Koksal C., Okutan M., Demir B., Becerir H. B.
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT), Adana, Turkey, 10 - 12 May 2017, vol.154

XVIII. **(PET) and Evalatuion With MIRD Method**
Yılmaz G., Tuğrul A. B., DEMİR M., yaşar D., DEMİR B.
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XIX. **INVESTİGATİON OF ALGORİTHM ACCURACY FOR TWO PLANNİNG TREATMENT SYSTEMS İN SBRT FOR SPİNE TUMORS**
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**
Efetürk A., OKUTAN M., KÖKSAL C., AKBAŞ U., DAĞOĞLU SAKİN R. N., DEMİR B.
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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.
Turkish Physical Society 32. International Physics Congress, Muğla, Turkey, 6 - 08 September 2016, pp.437

XXII. **DOSIMETRIC COMPARISON OF IMRT AND VMAT TECHNIQUES FOR NASOPHARYNX CANCER RADIOTHERAPY**
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.
International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technolog (TESNAT), Hatay, Turkey, 28 - 30 April 2016, pp.64

XXIV. **Quality Control Tests of a Single Photon Emission Computed Tomography–Computer Tomograpy Imagining Devıce**
Tunçman D., DEMİR B., Poyraz L., Kovan B., TÜRKMEN C.
International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technolog (TESNAT), Hatay, Turkey, 28 - 30 April 2016, pp.63

XXV. **Radiation Protection Effects of Syringe Shielding and Syringe Carrier During a Pet Study.**
Çepni T., DEMİR B., Kovan B., Poyraz L., TÜRKMEN C.
International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technolog (TESNAT), Hatay, Turkey, 28 - 30 April 2016, pp.114

XXVI. **Nurse Exposure Doses Resulted From Bone Scintigraphy Patient**
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Demir B., SARPÜN İ. H., Dogan Y. E.
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XXVIII. **Dose Evaluation for Patients and Personnel of Positron Emission Tomography (PET)**
Yılmaz G., Tuğrul A. B., DEMİR M., Yaşar D., DEMİR B.
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XXIX. **Comparison of dose distributions calculated by the cyberknife Monte Carlo and ray tracing algorithms for lung tumors: a phantom study**
Köksal Akbaş C., Akbaş U., Okutan M., Demir B., Sarpün İ. H.
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XXX. **Dosimetric comparison of tools used in the quality assurance of intensity modulated radiation therapy: a phantom study**

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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**
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

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Tuncman D., Kovan H., Kovan B., Demir B., Turkmen C.
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XXXIII. **Gamma radiation exposure of accompanying persons due to Lu-177 patients**
Kovan B., Demir B., Tuncman D., ÇAPALI V., Turkmen C.
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XXXIV. **Comparison of dose distributions calculated by the cyberknife Monte Carlo and ray tracing algorithms for lung tumors: a phantom study**
Koksal C., Akbas U., Okutan M., Demir B., SARPÜN İ. H.
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Akbas U., Okutan M., Demir B., Koksal C.
International Workshop on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT), Osmaniye, Turkey, 23 - 26 April 2015, vol.100

XXXVI. **Radyoterapide Farklı Tedavi Modellerinin Karşılaştırılması**
Damgacı S., DEMİR B., OKUTAN M.
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XXXVII. **Imaging in nuclear mediciene**
Kestek S., Kovan B., Poyraz L., DEMİR B.
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XXXVIII. **Daily quality control tests of dose calibrator in nuclear medicine.**
Aktokmakyan A., Poyraz L., Kovan B., DEMİR B.
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XXXIX. **Radioactive dose map of ıstanbul Soil**
Tunçman D., DEMİR B., KILIÇ Ö.
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XL. **A comparison of proton and photon radiotherapy**
Çepni T., DEMİR B.
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XLI. **Production of nuclear medicine radiopharmaceuticals**
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XLII. **Health effect of Radon**
Gündoğdu B., DEMİR B.
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pp.65

XLIII. **Health effect of Polonium**
Kaya E., DEMİR B.
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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.**
Sevimli İ., Kestek S., DEMİR B.
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XLVII. **. Çernobil Nükleer Reaktör Kazasının Çevre Ülkelerdeki Tiroid Kanserlerine Etkisi**
Tokmakyan A., DEMİR B.
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XLVIII. **Energy Response of the EBT Radiochromic Films to High Energy Photon and Electron Beams.**
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XLIX. **THM Proton Hızlandırıcısı Alt Projesi**
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LIV. **Türk hızlandırıcı merkezi proton hızlandırıcısının tedavi amaçlı kullanım potansiyeli**
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LVII. **Lineer hızlandırıcı kolimatör dizaynlarının elektron ışınlarının derin doz dağılımlarınına etkileri**
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LVIII. **Prostat kanseri tedavisinde konformal radyoterapi tekniklerinin kritik organ dozları açısından değerlendirilmesi**

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LXIII. **The effect of collimation angle between cranial and spinal fields om the dose distribution with divergent adaption technique**
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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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LXVI. **The accuracy of computerized and physical wedges dose computation in the CMS-XIO RP system**
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LXVII. **Lenf düğümleri modelinde nükleer yöntemler ile maling melanom kanser metaztazı araştırması**
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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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International Journal of Medical Physics,Clinical Engineering and Radiation Oncology (IJMPCERO), Other Indexed Journal, November 2017
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi , National Scientific Refreed Journal, November 2017
Canadian Journal of Physics, 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
International Journal of Medical Physics,Clinical Engineering and Radiation Oncology (IJMPCERO) , Other Indexed Journal, April 2017
Applied Radiation and Isotopes, SCI 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
Balkan Physics Letters-BPL, National Scientific Refreed Journal, December 2016
Balkan Physics Letters-BPL, National Scientific Refreed Journal, December 2016
Balkan Physics Letters-BPL, Other Indexed Journal, November 2016
Balkan Physics Letters-BPL, Other Indexed Journal, November 2016
International Journal of Medical Physics,Clinical Engineering and Radiation Oncology (IJMPCERO) , Other Indexed Journal, November 2016
Balkan Physics Letters-BPL, Other Indexed Journal, November 2016
SDU Journal of Science (E-Journal), National Scientific Refreed Journal, November 2016
Süleyman Demirel Üniversitesi, Journal of Natural and Applied Sciences, National Scientific Refreed Journal, September 2016
SDU Journal of Science (E-Journal), National Scientific Refreed Journal, September 2016
International Journal of Radiation Research, SCI Journal, June 2016
Medical Dosimetry, SCI Journal, April 2016
Süleyman Demirel Üniversitesi, Journal of Natural and Applied Sciences, National Scientific Refreed Journal, February 2016
Balkan Physics Letters-BPL, Other Indexed Journal, February 2016
SDU Journal of Science (E-Journal), National Scientific Refreed Journal, October 2015
SDU Journal of Science (E-Journal), National Scientific Refreed Journal, October 2015
Balkan Physics Letters-BPL, Other Indexed Journal, October 2015
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SDU Journal of Science (E-Journal), National Scientific Refreed Journal, March 2015
Balkan Physics Letters-BPL, National Scientific Refreed Journal, December 2014
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SDU Journal of Science (E-Journal), National Scientific Refreed Journal, January 2014
SDU Journal of Science (E-Journal), National Scientific Refreed Journal, November 2013
SDU Journal of Science (E-Journal), National Scientific Refreed Journal, April 2013
SDU Journal of Science (E-Journal), National Scientific Refreed Journal, April 2013

Scientific Consultations

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

Metrics

Publication: 141
Citation (WoS): 145
Citation (Scopus): 136
H-Index (WoS): 7
H-Index (Scopus): 6

Congress and Symposium Activities

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

Non Academic Experience

İstanbul Üniversitesi, Fen Fakültesi
İstanbul Üniversitesi, Cerrahpaşa Tıp Fakültesi