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International Researcher IDs

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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., Medikal Lineer Hızlandırıcıda Sanal Foton Enerjilerinin Dozimetrik Tayini, Doctorate, R.Savaş(Student), Continues
Demir B., Malzeme Yapısının Radyasyondan Korunmadaki Etkisinin Monte Carlo Simülasyon Yöntemi ile İncelenmesi, Doctorate, T.Manici(Student), Continues
Demir B., Kadmiyum Çinko Tellür (CZT) Kardiyak Kameranın Görüntüleme Performansının Hasta Anatomisine Bağlı Analizi, Doctorate, E.MUTLU(Student), Continues
Demir B., Karaciğer Tümörlerinin Radyoaktif Yttrium-90 Mikroküreler ile Tedavisinde Soğurulan Radyasyon Dozunun Belirlenmesi, Doctorate, D.Tunçman(Student), Continues
Demir B., Ders Aşamasında, Postgraduate, A.Çebiş(Student), Continues
Demir B., Etionamid Molekülünün Su Kompleksleri Üzerine Titreşim Spektroskopisi Çalışması, Postgraduate, U.SALEH(Student), 2018
DEMİR B., Tek Foton Emisyon Bilgisayarlı Tomografi-Bilgisayarlı Tomografi Görüntüleme Cihazının Kalite Kontrolleri, Postgraduate, D.Tunçman(Student), 2016
DEMİR B., Lu-177 ile Nöroendokrin Tümörlerinin Tedavisinde Radyasyon Dozimetrisi, Postgraduate, B.Kovan(Student), 2016
DEMİR B., OKUTAN M., Organ Hareketlerinin Radyoterapi Dozlarına Etkileri, Postgraduate, S.Damgacı(Student), 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- 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)
- 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 Ş., Akpınar Y. E. , Dağoğlu Sakin R. N. , Demir B. INTERNATIONAL JOURNAL OF RADIATION RESEARCH, vol.18, no.4, pp.633-640, 2020 (SCI-Expanded)

- III. **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)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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 (Journal Indexed in SCI Expanded)
- XI. **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 (Journal Indexed in SCI)
- XII. **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)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **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)
- XV. **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 (Journal Indexed in 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., Demir 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)
- 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. **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 C., Göksel E. O. , Özkaya Toraman K., Demir B., Altun M.
TURKISH JOURNAL OF ONCOLOGY, vol.35, no.3, pp.306-314, 2020 (ESCI)
- V. **Dosimetric Comparison of 3D-CRT, IMRT, IMAT and Helical Tomotherapy for Thoracic Esophageal Carcinoma**
Okutan M., Bayram ., Köksal C., Göksel E. O. , Karaman Ş., Akpınar Y. E. , Dağoğlu Sakin R. N. , Demir B.
Süleyman Demirel University Faculty of Arts and Sciences Journal of Science, vol.15, no.1, pp.130-139, 2020 (Peer-Reviewed Journal)
- VI. **Dosimetric Verification of Hybrid Treatment Plan by TLD in the Treatment of Nasopharyngeal Cancer Radiotherapy**
Boz G., Okutan M., Demir B.
Süleyman Demirel University Faculty of Arts and Sciences Journal of Science, vol.14, no.2, pp.395-401, 2019 (Peer-Reviewed Journal)
- VII. **DOSIMETRIC INVESTIGATION OF RADIOTHERAPY OF SMALL SIZE TUMORS IN RADIOSURGERY DEVICES**
Tunçman Genç D., Mutlu E., Okutan M., Demir B.
Middle East Journal of Science, vol.5, no.1, pp.63-72, 2019 (Peer-Reviewed Journal)
- VIII. **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)
- IX. **Vertebra Radyoterapisinde Cyberknife ve Imat Tekniklerinin İncelenmesi: Dozimetrik Çalışma**
Okutan M., Günen A., Demir B.
Süleyman Demirel Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, vol.13, no.2, pp.90-96, 2018 (Peer-Reviewed Journal)
- X. **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)
- XI. **Production Cross-Section Calculations of Medical 125I Radionuclide Using α , β and γ 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)
- XII. **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)
- 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. **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)
- XV. **Radioactive smoke: tobacco**
DEMİR B., Okutan M.
TURK ONKOLOJİ DERGİSİ-TURKISH JOURNAL OF ONCOLOGY, vol.29, no.1, pp.27-31, 2014 (ESCI)
- XVI. **Radyoaktif sigara: Tütün + Polonyum-210 + Kurşun-210**
DEMİR B., Okutan M.
TÜRK ONKOLOJİ DERGİSİ, no.29, pp.27-31, 2014 (Scopus)
- XVII. **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)
- XVIII. **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)
- XIX. **A New TLD Holder for External Radiotherapy Beam Audit**
Yaşar D., DEMİR B., Kam E., Karahan G., Okutan M.
SDÜ Fen Dergisi, no.8, pp.92-99, 2013 (Peer-Reviewed Journal)
- XX. **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)
- XXI. **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 (Other Refereed National Journals)
- XXII. **Positron emission tomography and radiotherapy treatment planning**
DEMİR B., Okutan M., Demir M.
TURK ONKOLOJİ DERGİSİ-TURKISH JOURNAL OF ONCOLOGY, vol.24, no.2, pp.88-97, 2009 (ESCI)
- XXIII. **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)
- XXIV. **Verification and uniformity control of doses for Sr/Y intravascular brachytherapy sources using radiochromic film dosimetry.**
DEMİR B., DEMİR M., SAĞER M. S. , HALAÇ M., ASMSabir ., USLU İ.
JOURNAL OF MEDICAL PHYSICS, vol.33, no.2, pp.54-59, 2008 (Refereed Journals of Other Institutions)
- XXV. **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)
- XXVI. **Gama prob ve gama kameranın lezyon tespit etkinliklerinin lenf düğümleri modeli ile araştırılması.**
Demir B., Okutan M., Halaç M., DEMİR M.
TÜRK ONKOLOJİ DERGİSİ, vol.24, no.2, pp.1-7, 2007 (Scopus)
- XXVII. **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 ONKOLOJİ DERGİSİ-TURKISH JOURNAL OF ONCOLOGY, vol.22, no.1, pp.29-34, 2007 (ESCI)
- XXVIII. **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 (National Refreed University Journal)
- XXIX. **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 ONKOLOJİ DERGİSİ-TURKISH JOURNAL OF ONCOLOGY, vol.22, no.4, pp.159-165, 2007 (ESCI)
- XXX. **. 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 (Refereed Journals of Other Institutions)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **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)
- XXXIV. **EKSTERNAL RADYOTERAPİ CİHAZLARINA AİT DOZİMETRİK PARAMETRELERİN \div L««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 (National Refreed University Journal)
- XXXV. **ELEKTRON TEDAVİSİNDE HASTA VE BOLUS ARASINDAKİ HAVA BOŞLUĞUNUN DİK VE OBLİK IŞINLAMALARDA YÜZEY DOZLARINA ETKİSİ**
KARAÇAM S., DEMİR B., Günhan B., koca a.
TÜRK ONKOLOJİ DERGİSİ, vol.17, no.3, pp.127-130, 2002 (National Refreed University Journal)
- XXXVI. **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 (National Refreed University Journal)
- XXXVII. **YÜKSEK ENERJİLİ FOTON HUZMELERİ İÇİN 'WEDGE' FAKTÖRLERİNİN DERİNLİK VE ALAN BAĞIMLILIKLARININ ARAŞTIRILMASI**
Gürsoy O., KEMİKLER G., Demir B., Çakır A.
TÜRK ONKOLOJİ DERGİSİ, vol.17, no.2, pp.80-85, 2002 (ESCI)
- XXXVIII. **Asimetrik kolimasyon ile tanjansiyel alan meme ışınlama tekniği**
Demir B., Günhan B., BİLGE H., Beşe N., Karaçam S., Koca A., Öber A.
TÜRK ONKOLOJİ DERGİSİ, vol.17, no.2, pp.70-74, 2002 (ESCI)

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. 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

Refereed Congress / Symposium Publications in Proceedings

- 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.
32. Ulusal Nükleer Tıp Kongresi, 20 November 2020, vol.6, pp.44
- II. **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.
31st Annual Congress of the European-Association-of-Nuclear-Medicine (EANM), 13 - 17 October 2018
- III. **Neutron Production Cross-Section Calculations for Some Gamma and Proton Induced Reactions on ⁸⁹Y**
KAPLAN A., ŞEKERCİ M., Demir B.
1st International Conference on Radiations and Applications (ICRA), Algiers, Algeria, 20 - 23 November 2017, vol.1994
- IV. **Yoğunluk Ayarlı Radyoterapi Tekniğinde Yüzeysel Dozunun Film Dozimetrisi Kullanılarak Araştırılması**
AKBAŞ U., DÖNMEZ KESEN N., KÖKSAL C., OKUTAN M., DEMİR B., BECERİR H.
16. ULUSAL MEDİKAL FİZİK KONGRESİ, Antalya, Turkey, 28 - 30 October 2017, pp.1
- V. **The treatment techniques in localized prostate cancer who has a hernia: A case study**
KÖKSAL C., AKBAŞ U., DÖNMEZ KESEN N., OKUTAN M., DEMİR B., İRİBAŞ ÇELİK A., BECERİR H.
TESNAT 2017, Adana, Turkey, 10 - 12 May 2017, pp.192
- VI. **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.
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- VII. **Radiation doses to pediatric patients originated from adult patients in nuclear medicine waiting room**
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Memberships / Tasks in Scientific Organizations

- Medikal Fizik Derneği, Member, 2012 - Continues
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Scientific Consultations

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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