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International Researcher IDs

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Publons / Web Of Science ResearcherID: D-7238-2015

ScopusID: 36770588400

Yoksis Researcher ID: 31982

Education Information

Doctorate, Rensselaer Polytechnic Institute, School of Engineering, Nuclear Engineering and Science, United States Of America 1996 - 2000

Postgraduate, University of Missouri - Rolla, School of Mines and Metallurgy, Nuclear Engineering, United States Of America 1994 - 1996

Undergraduate, Middle East Technical University, Faculty Of Engineering, Engineering Physics, Turkey 1986 - 1991

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Occupational Health and Safety, İş Güvenliği Uzmanlığı Belgesi (C Sınıfı), Ministry of Labor and Social Security, 2014

Occupational Health and Safety, İşyeri Hekimliği ve İş Güvenliği Uzmanlığı Eğitici Belgesi, Ministry of Labor and Social Security, 2014

Dissertations

Doctorate, Assessment of Organ Doses from Exposure to Neutrons Using the Monte Carlo Technique and an Image-Based Anatomical Model, Rensselaer Polytechnic Institute, School of Engineering, Nuclear Engineering and Science, 2000

Postgraduate, Gamma-Ray Dose Rate from a Spent PWR Fuel Assembly Using the Monte Carlo Technique, University of Missouri - Rolla, School of Mines and Metallurgy, Nuclear Engineering, 1996

Research Areas

Biomedical Engineering, Clinical Engineering, Clinical Engineering, Mechanical Engineering, Energy, Nuclear Energy, Physics, Interdisciplinary Physics and Related Science and Technology Areas, Biophysics and Medical Physics, Nuclear physics, Nuclear Engineering and Nuclear Energy Studies, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Akdeniz University, Faculty of Engineering, Department of Biomedical Engineering, 2016 - Continues
Professor, Harran University, Fen-Edebiyat Fak./Fizik Böl., Fizik, 2012 - 2016
Associate Professor, Harran University, Fen-Edebiyat Fak./Fizik Böl., Fizik, 2007 - 2012
Assistant Professor, Harran University, Fen-Edebiyat Fak./Fizik Böl., Fizik, 2001 - 2007
Research Assistant PhD, Harran University, Fen-Edebiyat Fak./Fizik Böl., Fizik, 2001 - 2001
Research Assistant, Harran University, Fen-Edebiyat Fak./Fizik Böl., Fizik Bölümü, 1993 - 2001

Academic and Administrative Experience

Akdeniz University, Institute of Science, 2017 - Continues
Akdeniz University, Faculty of Engineering, Biyomedikal Mühendisliği, 2016 - Continues
Akdeniz University, Nükleer Bilimler Araştırma Ve Uygulama Merkezi, 2017 - 2018
Akdeniz University, Rectorate, 2016 - 2017
Harran University, Sağlık Bilimleri Enstitüsü, 2015 - 2016
Harran University, Yabancı Diller Yo, 2012 - 2015
Harran University, Fen-Edebiyat Fakültesi, Fizik, 2011 - 2013
Harran University, Fen-Edebiyat Fakültesi, 2008 - 2011
Harran University, Fen-Edebiyat Fakültesi, 2008 - 2011
Harran University, Fen-Edebiyat Fakültesi, Fizik, 2002 - 2011
Harran University, Rektörlük, Enformatik, 2002 - 2011
Harran University, Rektörlük, Enformatik, 2001 - 2002

Courses

Dinamik, Undergraduate, 2016 - 2017
Fizik 2, Undergraduate, 2016 - 2017
Basics of Electronic Circuits, Undergraduate, 2016 - 2017
Fizik 1, Undergraduate, 2016 - 2017
Görüntüleme Fiziği, Postgraduate, 2015 - 2016
Radyasyon Sağlığı ve Korunma Yöntemleri, Postgraduate, 2015 - 2016
Fizikte Matematik Metotlar, Postgraduate, 2015 - 2016
Radyoterapi Fiziği, Postgraduate, 2014 - 2015
Nükleer Tıp Fiziği, Postgraduate, 2014 - 2015
Nükleer Fizik, Undergraduate, 2013 - 2014

Advising Theses

Bozkurt A., Aktif termogramlar üzerinden meme lezyonlarında derin öğrenme yardımıyla malinite tespiti, Postgraduate, S.ÇİVİLİBAL(Student), 2022
Bozkurt A., Alzheimer Hastalığının Derin Öğrenme Tekniği ile PET Görüntüleri Üzerinden Teşhisi, Postgraduate, E.SİVRİKAYA(Student), 2022
Bozkurt A., Radyonüklitler için etkin doz hızı dönüşüm katsayılarının monte carlo yöntemi ile hesaplanması,

Postgraduate, F.ONAT(Student), 2021

Çevik K. K., BOZKURT A., Beyin tümörlerinin MR görüntüleri üzerinden derin öğrenme yöntemiyle tespiti ve sınıflandırması, Postgraduate, M.KÖRDEMİR(Student), 2021

Bozkurt A., Özgün mekanik bir aort kapakçığı tasarımı, mekanik analizi ve prototip üretimi, Postgraduate, N.ÖZKURT(Student), 2021

Bozkurt A., Engel geçiş katsayılarının yüksek enerjili X ışınları altında farklı zırlama materyalleri için deneysel olarak belirlenmesi, Postgraduate, Ö.YAŞAR(Student), 2019

Bozkurt A., Geniş Alan Göğüs Duvarı Işınlamalarında Hedef ve Riskli Organ Hacimlerinin Aldığı Dozun Farklı Işınlama Teknikleri Açısından Karşılaştırılması, Postgraduate, H.Kadircan(Student), 2016

Bozkurt A., Mide radyoterapisinde farklı ışınlama tekniklerinin karşılaştırılması, Postgraduate, M.Murat(Student), 2015

Bozkurt A., Beyin metastazlarında tomohelikal ve tomodirek tedavi plan tekniklerinin karşılaştırılması, Postgraduate, İ.HALİL(Student), 2015

Bozkurt A., Adıyaman ili doğal zemin radyasyon düzeyinin belirlenmesi, Postgraduate, H.VURUŞ(Student), 2013

Bozkurt A., Prostat Radyoterapisinde Organ Dozlarının Görüntüsel bir Vücut Modeli Kullanılarak Monte Carlo Yöntemiyle Hesaplanması, Postgraduate, E.Berna(Student), 2010

Bozkurt A., Topraktaki Radyonüklitler için Etkin Doz Dönüşüm Katsayılarının Monte Carlo Yöntemi ile Hesaplanması, Postgraduate, Y.Balos(Student), 2010

Bozkurt A., Özgül Soğurma Oranlarının Görüntüsel bir Vücut Modeli Yardımıyla Monte Carlo Yöntemi kullanılarak belirlenmesi, Postgraduate, N.Yorulmaz(Student), 2006

Bozkurt A., Göğüs röntgenogramlarında hasta dozunun Monte Carlo Yöntemi ile belirlenmesi, Postgraduate, N.ER(Student), 2003

Jury Memberships

Doctorate, Doktora Savunma Jürisi, Hacettepe Üniversitesi, May, 2016

Doctorate, Doktora Savunma Jürisi, Hacettepe Üniversitesi, February, 2016

Post Graduate, Yüksek Lisans Jürisi, Harran Üniversitesi, January, 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Monte Carlo calculations of critical organ doses in radioembolization therapy of primary liver tumors via 90Y microspheres**
YILDIRIM Ö. C., BİNGÖLBALİ A., BOZKURT A., Cafaro C., Demirkol M.
International Journal of Radiation Research, vol.21, no.3, pp.353-360, 2023 (SCI-Expanded)
- II. **A deep learning approach for automatic detection, segmentation and classification of breast lesions from thermal images**
Civilibal S., Çevik K. K., Bozkurt A.
Expert Systems with Applications, vol.212, 2023 (SCI-Expanded)
- III. **Effective dose rate conversion coefficients for photons from radionuclides calculated using the Monte Carlo method and adult voxel phantoms**
Onat F., BOZKURT A.
Radiation Physics and Chemistry, vol.201, 2022 (SCI-Expanded)
- IV. **Monte Carlo approach for calculation of mass energy absorption coefficients of some amino acids**
BOZKURT A., ŞENGÜL A.
NUCLEAR ENGINEERING AND TECHNOLOGY, vol.53, no.9, pp.3044-3050, 2021 (SCI-Expanded)
- V. **Gamma and neutron attenuation characteristics of bricks containing zinc extraction residue as a novel shielding material**
GENÇEL O., BOZKURT A., KAM E., YARAŞ A., ERDOĞMUŞ E., SÜTÇÜ M.
PROGRESS IN NUCLEAR ENERGY, vol.139, 2021 (SCI-Expanded)

- VI. **Stopping power and dose calculations with analytical and Monte Carlo methods for protons and prompt gamma range verification**
 Usta M., Tufan M. C., Aydin G., BOZKURT A.
 NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT, vol.897, pp.106-113, 2018 (SCI-Expanded)
- VII. **Dosimetric investigation of high dose rate Ir-192 source with Monte Carlo method**
 Acun H., BOZKURT A., Kemikler G.
 INTERNATIONAL JOURNAL OF RADIATION RESEARCH, vol.15, no.3, pp.241-249, 2017 (SCI-Expanded)
- VIII. **Migration test column for decontamination of radioactive liquids by using natural tuff**
 KAM E., OSMANLIOGLU A. E., Bozkurt A.
 DESALINATION AND WATER TREATMENT, vol.52, no.34-36, pp.6817-6821, 2014 (SCI-Expanded)
- IX. **A comparative study of the peripheral doses from a linear accelerator with a multileaf collimator system**
 Acun H., Zubaroglu A., Kemikler G., Bozkurt A.
 RADIATION PROTECTION DOSIMETRY, vol.158, no.3, pp.299-306, 2014 (SCI-Expanded)
- X. **Natural radioactivity in bottled mineral and thermal spring waters of Turkey**
 TASKIN H., ASLIYÜKSEK H., Bozkurt A., KAM E.
 RADIATION PROTECTION DOSIMETRY, vol.157, no.4, pp.575-578, 2013 (SCI-Expanded)
- XI. **Dosimetric investigation of LDR brachytherapy Ir-192 wires by Monte Carlo and TPS calculations**
 Bozkurt A., Acun H., Kemikler G.
 JAPANESE JOURNAL OF RADIOLOGY, vol.31, no.1, pp.24-30, 2013 (SCI-Expanded)
- XII. **Determination of gross alpha and beta activity concentrations in drinking waters in Bursa region of north-western Turkey**
 TASKIN H., KAM E., Bozkurt A.
 DESALINATION AND WATER TREATMENT, vol.45, no.1-3, pp.21-25, 2012 (SCI-Expanded)
- XIII. **A study of environmental radioactivity measurements for Cankiri, Turkey**
 KAPDAN E., TASKIN H., KAM E., OSMANLIOGLU A. E., KARAHAN G., Bozkurt A.
 RADIATION PROTECTION DOSIMETRY, vol.150, no.3, pp.398-404, 2012 (SCI-Expanded)
- XIV. **Investigation of radioactivity level in soil and drinking water samples collected from the city of Erzincan, Turkey**
 YALÇIN P., Taskin H., KAM E., Taskin H., Terzi M., VARINLIOGLU A., Bozkurt A., Bastug A., TASDELEN B.
 JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.292, no.3, pp.999-1006, 2012 (SCI-Expanded)
- XV. **Determination and calculation of gamma and neutron shielding characteristics of concretes containing different hematite proportions**
 Gencel O., Bozkurt A., KAM E., Korkut T.
 ANNALS OF NUCLEAR ENERGY, vol.38, no.12, pp.2719-2723, 2011 (SCI-Expanded)
- XVI. **A study of background radioactivity level for Canakkale, Turkey**
 KAM E., Bozkurt A., ILGAR R.
 ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.168, no.1-4, pp.685-690, 2010 (SCI-Expanded)
- XVII. **A STUDY OF BACKGROUND RADIOACTIVITY LEVEL FOR TEKIRDAG, TURKEY**
 KAM E., Yazar Y., Bozkurt A.
 RADIATION PROTECTION DOSIMETRY, vol.138, no.1, pp.40-44, 2010 (SCI-Expanded)
- XVIII. **Spectroscopic measurement of liquid crystal anisotropy in the ultraviolet/visible region**
 Yimaz S., Bozkurt A.
 MATERIALS CHEMISTRY AND PHYSICS, vol.107, no.2-3, pp.410-412, 2008 (SCI-Expanded)
- XIX. **Assessment of environmental radioactivity for Sanliurfa region of southeastern Turkey**
 Bozkurt A., Yorulmaz N., KAM E., KARAHAN G., OSMANLIOGLU A. E.
 RADIATION MEASUREMENTS, vol.42, no.8, pp.1387-1391, 2007 (SCI-Expanded)
- XX. **Assessment of background radioactivity level for Gaziantep region of southeastern Turkey**
 OSMANLIOGLU A. E., KAM E., Bozkurt A.
 RADIATION PROTECTION DOSIMETRY, vol.124, no.4, pp.407-410, 2007 (SCI-Expanded)

- XXI. **Environmental radioactivity measurements in Kastamonu region of northern Turkey**
KAM E., Bozkurt A.
APPLIED RADIATION AND ISOTOPES, vol.65, no.4, pp.440-444, 2007 (SCI-Expanded)
- XXII. **Simultaneous determination of equivalent dose to organs and tissues of the patient and of the physician in interventional radiology using the Monte Carlo method**
Bozkurt A., BOR D.
PHYSICS IN MEDICINE AND BIOLOGY, vol.52, no.2, pp.317-330, 2007 (SCI-Expanded)
- XXIII. **Comparison of effective doses from various monoenergetic particles based on the stylised and the VIP-Man tomographic models**
XU X., CHAO T., Bozkurt A.
RADIATION PROTECTION DOSIMETRY, vol.115, no.1-4, pp.530-535, 2005 (SCI-Expanded)
- XXIV. **Fluence-to-dose conversion coefficients for monoenergetic proton beams based on the VIP-Man anatomical model**
Bozkurt A., XU X.
RADIATION PROTECTION DOSIMETRY, vol.112, no.2, pp.219-235, 2004 (SCI-Expanded)
- XXV. **Conversion coefficients based on the VIP-MAN anatomical model and EGS4-VLSI code for external monoenergetic photons from 10 keV to 10 MeV**
CHAO T., Bozkurt A., XU X.
HEALTH PHYSICS, vol.81, no.2, pp.163-183, 2001 (SCI-Expanded)
- XXVI. **Fluence-to-dose conversion coefficients based on the VIP-MAN anatomical model and mcnp code for monoenergetic neutrons above 20 MeV**
Bozkurt A., CHAO T., XU X.
HEALTH PHYSICS, vol.81, no.2, pp.184-202, 2001 (SCI-Expanded)
- XXVII. **Organ dose conversion coefficients for 0.1-10 MeV electrons calculated for the VIP-MAN tomographic model**
CHAO T., Bozkurt A., XU X.
HEALTH PHYSICS, vol.81, no.2, pp.203-214, 2001 (SCI-Expanded)
- XXVIII. **Fluence-to-dose conversion coefficients from monoenergetic neutrons below 20 MeV based on the VIP-Man anatomical model**
Bozkurt A., CHAO T., XU X.
PHYSICS IN MEDICINE AND BIOLOGY, vol.45, no.10, pp.3059-3079, 2000 (SCI-Expanded)
- XXIX. **VIP-man: An image-based whole-body adult male model constructed from color photographs of the visible human project for multi-particle Monte Carlo calculations**
XU X., CHAO T., Bozkurt A.
HEALTH PHYSICS, vol.78, no.5, pp.476-486, 2000 (SCI-Expanded)
- XXX. **Modeling gamma-ray dose rate from a spent pressurized water reactor fuel assembly**
Bozkurt A., TSOUFANIDIS N.
NUCLEAR TECHNOLOGY, vol.119, no.1, pp.38-47, 1997 (SCI-Expanded)
- XXXI. **Exposure buildup factors of UO₂ using the Monte Carlo method**
Bozkurt A., TSOUFANIDIS N.
NUCLEAR TECHNOLOGY, vol.116, no.2, pp.257-260, 1996 (SCI-Expanded)

Articles Published in Other Journals

- I. **Derin Öğrenme Yardımıyla Aktif Termogramlar Üzerinden Meme Lezyonlarının Sınıflandırması**
ÇİVİLİBAL S., ÇEVİK K. K., BOZKURT A.
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN EDEBİYAT FAKÜLTESİ FEN DERGİSİ = SÜLEYMAN DEMİREL UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.18, no.2, pp.140-156, 2023 (Peer-Reviewed Journal)
- II. **Bazı biyolojik bileşiklerin kütleli enerji soğurma katsayılarının Monte Carlo yöntemiyle**

hesaplanması

Şengül A., Bozkurt A.

SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN EDEBİYAT FAKÜLTESİ FEN DERGİSİ = SÜLEYMAN DEMİREL
UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.16, no.2, pp.416-423, 2021 (Peer-
Reviewed Journal)

- III. **Monte Carlo Simülasyonu Kullanılarak B4C, B2O3, Sm2O3 ve Gd2O3 Katkılı Polimer Matrisli Kompozitlerin Termal ve Hızlı Nötron Zırhlama Özelliklerinin İncelenmesi**
Gaylan Y., Bozkurt A., Avar B.
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN EDEBİYAT FAKÜLTESİ FEN DERGİSİ = SÜLEYMAN DEMİREL
UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, no.2, pp.490-499, 2021 (Peer-Reviewed
Journal)
- IV. **Monte Carlo Calculation of Mass Attenuation Coefficients of Some Biological Compounds**
ŞAHİN A., BOZKURT A.
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN EDEBİYAT FAKÜLTESİ FEN DERGİSİ = SÜLEYMAN DEMİREL
UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.14, no.2, pp.408, 2019 (Peer-Reviewed
Journal)
- V. **Dosimetric Accuracy of an HDR Brachytherapy Treatment Planning System for Different Irradiation Lengths with Monte Carlo Simulation**
Acun Bucht H., BOZKURT A., Kemikler G.
TURK ONKOLOJİ DERGİSİ-TURKISH JOURNAL OF ONCOLOGY, vol.34, no.1, pp.36-44, 2019 (ESCI)
- VI. **Monte Carlo calculated stopping power and range of alpha particles in water**
BOZKURT A., SARPÜN İ. H.
International Journal of Scientific and Engineering Research, vol.9, no.8, pp.15-17, 2018 (Peer-Reviewed Journal)
- VII. **"Stopping power of protons for energies and materials of therapeutic importance using monte carlo simulations"**
BOZKURT A., SARPÜN İ. H.
AIP CONF. PROC., vol.1994, pp.40004, 2018 (Scopus)
- VIII. **Natural Radioactivity in Foods Consumed in Turkey**
KAM E., Karahan G., ASLIYÜKSEK H., BOZKURT A.
International Journal of Biological, Biomolecular, Agricultural, Food and Biotechnological Engineering, vol.10, no.6,
pp.373-378, 2016 (Peer-Reviewed Journal)
- IX. **Verification of LDR brachytherapy dose distributions for different source geometries by Monte Carlo method**
ACUN H., BOZKURT A., KEMİKLER G., ÖZBAY İ., ASLAY İ.
TURK ONKOLOJİ DERGİSİ, vol.27, no.4, pp.181-188, 2012 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of field size dependence of transmission properties of of Mega voltage x rays**
BOZKURT A., TOYKAN ÇİFTLİKLİ Ö. Y., TUNÇEL N.
TESNAT 2019, Amasya, Turkey, 2 - 04 May 2019
- II. **Angular elastic neutron distribution of 197La target**
SARPÜN İ. H., TAŞDÖVEN K., BOZKURT A.
5th Int. Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT-
2019), Amasya, Turkey, 2 - 04 May 2019, vol.1, pp.1
- III. **"Monte Carlo calculated stopping power and range of alpha particles in water"**
BOZKURT A., SARPÜN İ. H.
3rd International Conference on Engineering Technology and Applied Sciences (ICETAS-2018), Skopje, Macedonia,
17 - 21 July 2018, pp.1
- IV. **"Physical properties of fusion reactor material B4C composites"**

SARPÜN İ. H., BİLİCİ O., BOZKURT A., PAT S., AYDIN A.

3rd International Conference on Engineering Technology and Applied Sciences (ICETAS-2018), Skopje, Macedonia, 17 - 21 July 2018, pp.1

V. **"Proton, deuteron and alpha emission of BN composites"**

SARPÜN İ. H., BOZKURT A., AYDIN A., PAT S., MOHAMED B.

3rd International Conference on Engineering Technology and Applied Sciences (ICETAS-2018), Skopje, Macedonia, 17 - 21 July 2018, pp.1

VI. **"(?,n) cross section calculation of several Sn isotopes by using different radiative strength function models"**

SARPÜN İ. H., OZDOĞAN H., BOZKURT A., KAPLAN A.

3rd International Conference on Engineering Technology and Applied Sciences (ICETAS-2018), Skopje, Macedonia, 17 - 21 July 2018, pp.1

VII. **Physical properties of TiN reactor structural material**

ÖZKAN BİLİCİ V., TURHAN İRAK Z. Ş., KARAMAN C., BOZKURT A., PAT S., SARPÜN İ. H.

4th Int. Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2018), Antalya, Turkey, 20 - 22 April 2018, pp.30-31

VIII. **Structural properties of the candidate reactor material VC composites**

ÖZKAN BİLİCİ V., TURHAN İRAK Z. Ş., KARAMAN C., BOZKURT A., PAT S., SARPÜN İ. H.

4th Int. Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2018), Antalya, Turkey, 20 - 22 April 2018, pp.32-33

IX. **"Proton, deuteron, and alpha emission of TiN composites"**

SARPÜN İ. H., BOZKURT A., AYDIN A., PAT S., MOHAMED B.

4th Int. Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2018), Antalya, Turkey, 20 - 22 April 2018, pp.1

X. **"Structural properties of the candidate reactor material VC composites"**

ÖZKAN BİLİCİ V., TURHAN İRAK Z. Ş., KARAMAN C., BOZKURT A., PAT S., SARPÜN İ. H.

4th Int. Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2018), Ankara, Turkey, 20 - 22 April 2018, pp.1

XI. **"Light charged particle emission of VC composites"**

SARPÜN İ. H., BOZKURT A., AYDIN A., PAT S., MOHAMED B.

4th Int. Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2018), Antalya, Turkey, 20 - 22 April 2018, pp.1

XII. **"Theoretical calculation of neutron induced fission cross section on some actinides"**

GÜROL A., SARPÜN İ. H., BOZKURT A.

4th Int. Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2018), Antalya, Turkey, 20 - 22 April 2018, pp.1

XIII. **"Stopping power and range of protons between 10-1000 MeV energies in water using the Monte Carlo technique"**

BOZKURT A., SARPÜN İ. H.

4th Int. Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2018), Antalya, Turkey, 20 - 22 April 2018, pp.1

XIV. **"Physical properties of TiN reactor structural material"**

ÖZKAN BİLİCİ V., TURHAN İRAK Z. Ş., KARAMAN C., BOZKURT A., PAT S., SARPÜN İ. H.

4th Int. Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2018), Antalya, Turkey, 20 - 22 April 2018, pp.1

XV. **Stopping Power of Protons for Energies and Materials of Therapeutic Importance Using Monte Carlo Simulations**

BOZKURT A., Sarpun I. H.

1st International Conference on Radiations and Applications (ICRA), Algiers, Algeria, 20 - 23 November 2017, vol.1994

XVI. **"Light charged particle emission of B4C composites"**

SARPÜN İ. H., BOZKURT A., AYDIN A., PAT S.

1st International Conference on Radiations and Applications (ICRA-2017), Algiers, Algeria, 20 - 22 November 2017, pp.1

XVII. Light Charged Particle Emission of B4C Composites

SARPÜN İ. H., BOZKURT A., AYDIN A., PAT S.

International Conference on Radiations and Applications, 20 - 22 November 2017

XVIII. "Calculations of photoneutron reaction cross sections of some uranium isotopes"

SARPÜN İ. H., AYDIN A., TEL E., BOZKURT A.

Turkish Physical Society 33rd International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.1

XIX. "Proton emission of B4C composites"

SARPÜN İ. H., BOZKURT A., AYDIN A., PAT S.

3rd Int. Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2017), Adana, Turkey, 10 - 12 May 2017, pp.1

XX. "Comparison of phenomenological level density models in (γ,n) reactions of uranium isotopes"

SARPÜN İ. H., AYDIN A., TEL E., BOZKURT A.

2nd International Conference on Engineering Technology and Applied Sciences, Baia Mare, Romania, 20 - 21 April 2017, pp.1

XXI. Monte Carlo calculation of proton stopping power and ranges in water for therapeutic energies

BOZKURT A.

3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT), Adana, Turkey, 10 - 12 May 2017, vol.154

XXII. Environmental radioactivity measurements in Harran Plain of Sanliurfa, Turkey

Bozkurt A., Yorulmaz N., KAM E.

6th International Conference of the Balkan-Physical-Union, İstanbul, Turkey, 22 - 26 August 2006, vol.899, pp.397-398

XXIII. Indoor radon measurement in the city of Edirne, turkey

Bozkurt A., KAM E.

6th International Conference of the Balkan-Physical-Union, İstanbul, Turkey, 22 - 26 August 2006, vol.899, pp.395-396

Supported Projects

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Metrics

Publication: 63

Citation (WoS): 983

Citation (Scopus): 1097

H-Index (WoS): 14

H-Index (Scopus): 14