

Asst. Prof. Veli ÇAPALI

Personal Information

Email: velicapali@sdu.edu.tr

Education Information

Doctorate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey Continues
Postgraduate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Fizik (YI), Turkey Continues
Undergraduate, Suleyman Demirel University, Fen-Edebiyat Fakültesi, Fizik, Turkey Continues

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Ni, Bi ve Pu Filyon Reaktörleri Yapısal Elementlerinin Tesir Kesitlerinin Teorik Olarak İncelenmesi, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Fizik, 2015
Postgraduate, Yüksek Enerji Fiziği Parçacık Detektörlerinde Silikon Şerit Detektörün GEANT4 Simülasyonu ve ROOT Nesneye Yönelik Veri Analiz Yapısı, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Fizik, 2011

Research Areas

Physics, Nuclear physics, General Nuclear Reactions, Nuclear Structure, Nuclear Engineering and Nuclear Energy Studies, Experimental Methods of Particle and Nuclear Physics, Natural Sciences

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Photon Induced Reaction Cross-Section Calculations of Several Structural Fusion Materials**
KAPLAN A., ŞEKERCİ M., ÇAPALI V., Ozdogan H.
JOURNAL OF FUSION ENERGY, vol.36, no.6, pp.213-217, 2017 (Journal Indexed in SCI)
- II. **weeqweqwwqq**
ÇAPALI V.
BIO-MEDICAL MATERIALS AND ENGINEERING, no.2, pp.1-2, 2017 (Journal Indexed in SCI)
- III. **Computations of (α, xn) Reaction Cross-Section for Ag-107, Ag-109 Coated Materials with Possible Application in Accelerators and Nuclear Systems**
KAPLAN A., ŞEKERCİ M., ÇAPALI V., Ozdogan H.
JOURNAL OF FUSION ENERGY, vol.35, no.4, pp.715-723, 2016 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)

- VI. **Neutron Production Cross-Section and Geant4 Calculations of the Structural Fusion Material Co-59 for (α ,xn) and (γ ,xn) Reactions**
Demir B., KAPLAN A., ÇAPALI V., Ozdogan H., Sarpun I. H. , Aydin A., Tel E.
JOURNAL OF FUSION ENERGY, vol.34, no.3, pp.636-641, 2015 (Journal Indexed in SCI)
- VII. **Production cross-section calculations of medical P-32, Sn-117, Sm-153 and Re-186,Re-188 radionuclides used in bone pain palliation treatment**
Demir B., KAPLAN A., ÇAPALI V., Sarpun I. .. H. , Aydin A., Tel E.
KERNTECHNIK, vol.80, no.1, pp.58-65, 2015 (Journal Indexed in SCI)
- VIII. **Reaction Cross-Section, Stopping Power and Penetrating Distance Calculations for the Structural Fusion Material ^{54}Fe in Different Reactions**
OZDOGAN H. B. E. , ÇAPALI V., KAPLAN A.
Journal of Fusion Energy, vol.34, no.2, pp.379-385, 2015 (Journal Indexed in SCI Expanded)
- IX. **(γ , 2n)-Reaction Cross-Section Calculations of Several Even-Even Lanthanide Nuclei Using Different Level Density Models**
KAPLAN A., Sarpun I. H. , Aydin A., Tel E., ÇAPALI V., OZDOGAN H. B. E.
PHYSICS OF ATOMIC NUCLEI, vol.78, no.1, pp.53-64, 2015 (Journal Indexed in SCI)
- X. **(He-3,xn) Reaction Cross-Section Calculations for the Structural Fusion Material Ta-181 in the Energy Range of 14-75 MeV**
KAPLAN A., ÇAPALI V., OZDOGAN H. B. E. , Aydin A., Tel E., Sarpun I. H.
JOURNAL OF FUSION ENERGY, vol.33, no.5, pp.510-515, 2014 (Journal Indexed in SCI)
- XI. **Cross-Section Calculations on Several Structural Fusion Materials for (γ ,3n) Reactions in the Photon Energy Range of 20-110 MeV**
KAPLAN A., ÇAPALI V.
JOURNAL OF FUSION ENERGY, vol.33, no.3, pp.299-303, 2014 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Yapay Sinir Ağları Kullanarak $^{58,60,61,62,63,64}\text{Ni}$ İzotopları için (p, g), (n, g) ve (a,g) Reaksiyon Tesir Kesiti Hesaplamaları ve Optimizasyonu**
ÇAPALI V.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.2, pp.1095-1102, 2019 (Other Refereed National Journals)
- II. **Hızlı nötron reaktörlerinde yakıt malzemesi olarak kullanılan $^{235,238}\text{U}$ ve ^{239}Pu izotoplarına yönelik tesir kesiti hesaplamaları için nükleer seviye yoğunluğu parametresinin incelenmesi**
Çapalı V., Şekerci M., Kaplan A.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.19, no.3, pp.1-6, 2017 (National Refreed University Journal)
- III. **Radiation Doses to Pediatric Patients Originated from Adult Patients in Nuclear Medicine Waiting Room.**
Bilal K., TUNÇMAN GENÇ D., Kovan H., ÇAPALI V., DEMİR B., TÜRKMEN C.
International Journal of Scientific and Technological Research, vol.3, pp.49-55, 2017 (Refereed Journals of Other Institutions)
- IV. **LiH Reaktör Moderatör Malzemesi İçin Hadronik Etkileşimlerin Geant4 Benzetimi**
Şekerci M., Çapalı V., Özdoğan H., Kaplan A.
Süleyman Demirel Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, vol.11, no.2, pp.82-88, 2016 (National Refreed University Journal)
- V. **Cross Section Calculations of g xn and p xn Reactions for Au 197**

- Özdoğan H., Şekerci M., Çapalı V., Kaplan A.
Cumhuriyet University Science Journal, vol.37, pp.217-222, 2016 (National Refreed University Journal)
- VI. **Reaction Cross Section Calculations of the Structural Reactor Materials 58 60 61 62 64Ni for Different Level Density Models**
Çapalı V., Şekerci M., Özdoğan H., Kaplan A.
Cumhuriyet University Science Journal, vol.37, pp.151-169, 2016 (National Refreed University Journal)
- VII. **Reaction Cross-Section Calculations for the Structural Reactor Materials 58,60,61,62,64Ni with Different Level Density Models**
Çapalı V., Şekerci M., Özdoğan H., Kaplan A.
Cumhuriyet Science Journal, vol.37, no.0, pp.151-160, 2016 (National Refreed University Journal)
- VIII. **Production Cross Section of Medical 177Lu Using Neutron and Proton Induced Reactions**
Şekerci M., Çapalı V., Özdoğan H., Kaplan A.
Cumhuriyet University Science Journal, vol.37, pp.117-121, 2016 (National Refreed University Journal)
- IX. **Effects of Mean Free Path Parameters for Reaction Cross Section Calculations**
Kaplan A., Çapalı V., Şekerci M., Özdoğan H.
Cumhuriyet University Science Journal, vol.37, pp.94-99, 2016 (National Refreed University Journal)
- X. **Effects of Mean Free Path Parameters for Reaction Cross-Section Calculations**
Kaplan A., Çapalı V., Şekerci M., Özdoğan H.
Cumhuriyet Science Journal, vol.37, no.0, pp.94-99, 2016 (National Refreed University Journal)
- XI. **Production Cross-Section Calculations of Medical 177Lu Using Neutron and Proton Induced Reactions**
Şekerci M., Çapalı V., Özdoğan H., Kaplan A.
Cumhuriyet Science Journal, vol.37, no.0, pp.117-121, 2016 (National Refreed University Journal)
- XII. **Reaction Cross Section Calculations in Neutron Induced Reactions and GEANT4 Simulation of Hadronic Interactions for the Reactor Moderator Material BeO**
Çapalı V., Şekerci M., Özdoğan H., Kaplan A.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.20, no.2, pp.161-166, 2016 (National Refreed University Journal)
- XIII. **The Effects of Respiratory on Radiotherapy Doses A Phantom Stud**
DAMGACI S., DEMİR B., ÇAPALI V., OKUTAN M.
Suleyman Demirel University, Arts and Sciences Faculty, Journal of Science (e-journal), vol.11, no.1, pp.51-60, 2016 (Other Refereed National Journals)
- XIV. **roduction Cross-Section Calculations of Medical 125I Radionuclide Using a, d and g Induced Reactions**
DEMİR B., ÇAPALI V., SARPUN I. H. , KAPLAN A.
Suleyman Demirel University, Journal of Science (e-journal), vol.10, no.2, pp.116-121, 2015 (National Refreed University Journal)
- XV. **Production Cross Section Calculations of Medical 125I Radionuclide Using a d and g Induced Reactions**
DEMİR B., ÇAPALI V., SARPUN İ. H. , KAPLAN A.
Suleyman Demirel University, Arts and Sciences Faculty, Journal of Science (e-journal), vol.10, no.2, pp.116-121, 2015 (Other Refereed National Journals)
- XVI. **Gama Kameraların Kalite Kontrol Testleri**
DUYGU T., KOVAN B., POYRAZ L., ÇAPALI V., DEMİR B., TÜRKMEN C.
Suleyman Demirel University, Arts and Sciences Faculty, Journal of Science (e-journal), vol.10, no.1, pp.75-84, 2015 (Other Refereed National Journals)
- XVII. **27Al, 54Fe, 58Ni ve 90Zr Hedef Çekirdekleri İçin 10-30 MeV Enerji Aralığında (g,p) Reaksiyon Tesir Kesiti Hesaplamaları**
ÇAPALI V., ÖZDOĞAN H., DOĞAN S. S. , KAPLAN A.
Süleyman Demirel University, Arts and Sciences Faculty, Journal of Science (E-journal), vol.9, no.2, pp.107-112, 2014 (National Refreed University Journal)

- XVIII. **Eriyik Tuz Reaktörlerinde Yakıt Malzemesi Olarak Kullanılan Na Çekirdeğinin Üretim Tesir Kesiti Hesaplamaları**
DOĞAN S. S. , ÇAPALI V., ÖZDOĞAN H., KAPLAN A.
Süleyman Demirel University, Arts and Sciences Faculty, Journal of Science (E-journal), vol.9, no.2, pp.100-106, 2014 (National Refreed University Journal)
- XIX. **27Al 54Fe 58Ni ve 90Zr Hedef Çekirdekleri İçin 10 30 MeV Enerji Aralığında p Reaksiyon Tesir Kesiti Hesaplamaları**
ÇAPALI V., ÖZDOĞAN H., Doğan S. S. , KAPLAN A.
Süleyman Demirel Üniversitesi Fen Dergisi (e-Dergi), vol.9, no.2, pp.107-112, 2014 (Other Refereed National Journals)
- XX. **OTR Sistemlerinde Silikon Görüntüleme Ekranın Geant4 Simülasyonu**
ÇAPALI V., ÖZKORUCUKLU S.
Süleyman Demirel University, Arts and Sciences Faculty, Journal of Science (e-journal), vol.6, no.2, pp.112-119, 2011 (Other Refereed National Journals)
- XXI. **Isparta İli nde Radon Gazı Yoğunluğunun Ölçülmesi ve Haritalandırılması**
ÖZKORUCUKLU S., AKYILDIRIM H., ÇAPALI V.
Süleyman Demirel Üniversitesi, Fen Bilimleri Enstitüsü Dergisi, vol.10, no.3, pp.323-327, 2006 (Other Refereed National Journals)
- XXII. **Isparta İli nde radon yoğunluk ölçümleri**
ÖZKORUCUKLU S., AKYILDIRIM H., ÇAPALI V.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, no.3, pp.323-327, 2006 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Improve or Approximation of Nuclear Reaction Cross Section Data Using Artificial Neural Network**
ÇAPALI V.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering 2019, Turkey, 20 - 22 April 2019, vol.43, pp.935-936
- II. **Approximation of Nuclear Reaction Cross Section Data Using Machine Learning Algorithm**
ÇAPALI V.
6th International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2019), İstanbul, Turkey, 12 - 15 June 2019, vol.1, pp.48-51
- III. **Analysis of Neutron Capture Cross Section**
ÇAPALI V.
5th International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2018), Turkey, 23 - 27 July 2018, pp.91
- IV. **Comparison of Bentonite and Sn Doped Bentonite Samples Under the Effects of Proton and Electron Irradiation**
TİLKİ T., ŞEKERCİ M., ÇAPALI V., KAPLAN A., YAVUZ M.
12th International Conference on Interaction of Radiation with Solids (IRS-2017), Minsk, Belarus, 19 - 22 September 2017, pp.111-113
- V. **Investigation of Proton and Electron Irradiation Effects on Perlite and Different Rate Lead Containing Samples of Perlite**
YAVUZ M., ÇAPALI V., ŞEKERCİ M., KAPLAN A., TİLKİ T.
12th International Conference on Interaction of Radiation with Solids (IRS-2017), Minsk, Belarus, 19 - 22 September 2017, pp.116-118
- VI. **Investigation of Proton and Alpha Radiation Effects on Polymer Concrete by Using Geant4**
KAPLAN A. N. , ŞEKERCİ M., ÇAPALI V.
12th International Conference on Interaction of Radiation with Solids (IRS-2017), Minsk, Belarus, 19 - 22

September 2017, pp.98-100

- VII. **Neutron Induced Reaction Cross-Section Calculations and Geant4 Simulation for the Fusion Reactor Material SiO₂**
ÇAPALI V., KAPLAN A.
12th International Conference on Interaction of Radiation with Solids (IRS-2017), 19 - 22 September 2017, pp.89
- VIII. **Hızlı Nötron Reaktörlerinde Yakıt Malzemesi Olarak Kullanılan 235,238U ve 239Pu İzotoplarına Yönelik Tesir Kesiti Hesaplamaları için Nükleer Seviye Yoğunluğu Parametresinin İncelenmesi**
ÇAPALI V., ŞEKERCİ M., KAPLAN A.
ADIM Fizik Günleri VI, Balıkesir, Turkey, 19 - 21 July 2017, pp.110
- IX. **A New Developed Semi-Empirical Formula for Nuclear Reaction Cross-Section Calculations**
ÇAPALI V., ŞEKERCİ M., ÖZDOĞAN H., KAPLAN A.
4th International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2017), Kuşadası, Turkey, 11 - 15 May 2017, pp.68
- X. **Semi-Empirical Systematic Development for Photon Induced Nuclear Reaction Cross-Section Calculations**
KAPLAN A., ÖZDOĞAN H., ŞEKERCİ M., ÇAPALI V.
4th International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2017), Kuşadası, Turkey, 11 - 15 May 2017, pp.111
- XI. **Production cross-section calculations of medical Tb isotopes**
ÖZDOĞAN H., ŞEKERCİ M., ÇAPALI V., KAPLAN A.
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2017), Adana, Turkey, 10 - 12 May 2017, pp.90
- XII. **(n,e) reaction cross-section calculations for some isotopes of Cd used as nuclear reactor control rod material**
DAĞHAN G., ÇAPALI V., ŞEKERCİ M., KAPLAN A.
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2017), Adana, Turkey, 10 - 12 May 2017, pp.82
- XIII. **Total cross-section calculations of neutron induced reactions for some control rod materials used in nuclear reactors**
ŞEKERCİ M., ÇAPALI V., ÖZDOĞAN H., KAPLAN A.
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2017), Adana, Turkey, 10 - 12 May 2017, pp.88
- XIV. **(g,abs) cross-section calculations of some fusion structural materials**
KAPLAN A., ŞEKERCİ M., ÖZDOĞAN H., ÇAPALI V.
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2017), Adana, Turkey, 10 - 12 May 2017, pp.77
- XV. **Investigation of neutron and gamma induced reaction effects on TiO₂ and Al₂O₃ coated nickel used at nuclear reactors**
ÇAPALI V., ŞEKERCİ M., ÖZDOĞAN H., KAPLAN A.
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2017), Adana, Turkey, 10 - 12 May 2017, pp.91
- XVI. **Nuclear Interaction Calculations for Al and B Reinforced Mylar by Using Geant4 Simulation Code**
ÇAPALI V., ŞEKERCİ M., ÖZDOĞAN H., KAPLAN A.
2nd International Turkic World Conference on Chemical Sciences and Technologies, Üsküp, Macedonia, 26 - 30 October 2016
- XVII. **Polietilenin Bazı Nükleer Reaksiyonlar ile Etkileşiminin GEANT4 Benzetimi Kullanılarak İncelenmesi**
ACAR YEŞİL T., ÇAPALI V., ŞEKERCİ M., YAVUZ M., TİLKİ T.
XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Turkey, 12 - 14 October 2016
- XVIII. **Polietilenin Bazı Nükleer Reaksiyonlar İle Etkileşiminin GEANT4 Benzetimi Kullanılarak İncelenmesi**
YEŞİL T. A., ÇAPALI V., ŞEKERCİ M., YAVUZ M., TİLKİ T.
XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Kuşadası, Turkey, 12 - 14 October 2016, pp.99

- XIX. **177Lu Radyoizotopunun Üretim Tesir Kesiti Hesaplamaları**
ÇAPALI V., ŞEKERCİ M., ÖZDOĞAN H., KAPLAN A.
XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Kuşadası, Turkey, 12 - 14 October 2016, pp.98
- XX. **Lu-177 Radyoizotopunun Üretim Tesir Kesiti Hesaplamaları**
ÇAPALI V., ŞEKERCİ M., ÖZDOĞAN H., KAPLAN A.
XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Aydın, Turkey, 12 - 14 October 2016, pp.98
- XXI. **Cross Section Calculations of g_{xn} and p_{xn} Reactions for Au 197**
ÖZDOĞAN H., ŞEKERCİ M., ÇAPALI V., KAPLAN A.
1st International Underground Resources and Energy Conference, 6 - 08 October 2016
- XXII. **Production Cross-Section of Medical 177Lu Using Neutron and Proton Induced Reactions**
ŞEKERCİ M., ÇAPALI V., ÖZDOĞAN H., KAPLAN A.
1st International Underground Resources and Energy Conference, Yozgat, Turkey, 6 - 08 October 2016, pp.101
- XXIII. **Effects of Mean Free Path Parameters for Reaction Cross-Section Calculations**
KAPLAN A., ÇAPALI V., ŞEKERCİ M., ÖZDOĞAN H.
1st International Underground Resources and Energy Conference, Yozgat, Turkey, 6 - 08 October 2016, pp.94
- XXIV. **Cross-Section Calculations of (g,xn) and (p,xn) Reactions for 197Au**
ÖZDOĞAN H., ŞEKERCİ M., ÇAPALI V., KAPLAN A.
1st International Underground Resources and Energy Conference, Yozgat, Turkey, 6 - 08 October 2016, pp.98
- XXV. **Reaction Cross-Section Calculations of the Structural Reactor Materials 58,60,61,62,64Ni for Different Level Density Models**
ÇAPALI V., ŞEKERCİ M., ÖZDOĞAN H., KAPLAN A.
1st International Underground Resources and Energy Conference, Yozgat, Turkey, 6 - 08 October 2016, pp.47
- XXVI. **Geant4 Simulation of Nuclear Interactions for Some Polymers Used as Radiation Shielding Material**
ÇAPALI V., ŞEKERCİ M., ÖZDOĞAN H., KAPLAN A.
2nd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2016), Hatay, Turkey, 28 - 30 April 2016, pp.33-38
- XXVII. **Neutron Emission Spectra for 208Pb Target Nucleus**
KAPLAN A., ÇAPALI V., ŞEKERCİ M., ÖZDOĞAN H.
2nd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2016), Hatay, Turkey, 28 - 30 April 2016, pp.93-95
- XXVIII. **Neutron Induced Cross-Section Calculations for 196,198,199,200Hg Isotopes**
ÖZDOĞAN H., ŞEKERCİ M., ÇAPALI V., KAPLAN A.
2nd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2016), Hatay, Turkey, 28 - 30 April 2016, pp.98
- XXIX. **Cross Section Computations of 238-242Pu Nuclei Used as Nuclear Fuel Recycle Material**
ŞEKERCİ M., ÇAPALI V., ÖZDOĞAN H., KAPLAN A.
2nd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2016), Hatay, Turkey, 28 - 30 April 2016, pp.39-43
- XXX. **Cross Section Computations of 238-242Pu Nuclei Used as Nuclear Reactor Fuel Recycle Material**
ŞEKERCİ M., ÇAPALI V., ÖZDOĞAN H., KAPLAN A.
International Workshop on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2016), Hatay, Turkey, 28 - 30 April 2016, pp.39-43
- XXXI. **LiH Reaktör Moderator Malzemesi İçin Hadronik Etkileşimlerin Geant4 Benzetimi**
ŞEKERCİ M., ÇAPALI V., ÖZDOĞAN H., KAPLAN A.
ADIM Fizik Günleri V, Eskişehir, Turkey, 21 - 23 April 2016, pp.120
- XXXII. **Akciğer Tümörü İçin Foton Ve Proton Işın Tedavilerinin Geant4 Monte Carlo Yöntemiyle Karşılaştırmalı Benzetimi**
ÇAPALI V., ŞEKERCİ M., ÖZDOĞAN H., DEMİR B., KAPLAN A.
ADIM Fizik Günleri V, Eskişehir, Turkey, 21 - 23 April 2016, pp.55
- XXXIII. **Nurse Exposure Doses Resulted From Bone Scintigraphy Patient**
Tuncman D., Kovan B., Poyraz L., ÇAPALI V., Demir B., Turkmen C.

9th International Physics Conference of the Balkan-Physical-Union (BPU), İstanbul, Turkey, 24 - 27 August 2015, vol.1722

- XXXIV. **Geant4 Simülasyon Programı Kullanılarak Protonlarla Işınlanan Beyin Dokusu İçin Penetrasyon ve Depo Edilen Enerji Hesaplamaları**
ÇAPALI V., ÖZDOĞAN H., ŞEKERCİ M., KAPLAN A.
ADIM Fizik Günleri IV, Kütahya, Turkey, 28 - 29 May 2015, pp.52
- XXXV. **Nükleer Reaktörlerde Moderatör Malzeme Olarak Kullanılan Doğal Karbon Çekirdeği İçin Tesir Kesiti Hesaplamaları**
ÇAPALI V., ÖZDOĞAN H., ŞEKERCİ M., KAPLAN A.
ADIM Fizik Günleri IV, Kütahya, Turkey, 28 - 29 May 2015, pp.151
- XXXVI. **Zırlama Malzemesi Olarak Kullanılan Ağır Beton Duvarların Radyasyon Geçirgenliğinin Geant4 Yazılımı ile İncelenmesi**
KAPLAN A., ÇAPALI V., ÖZDOĞAN H., ŞEKERCİ M.
ADIM Fizik Günleri IV, Kütahya, Turkey, 28 - 29 May 2015, pp.150
- XXXVII. **Zırlama Malzemesi Olarak Kullanılan Ağır Beton Duvarların Radyasyon Geçirgenliği Geant4 Yazılımı İle İncelenmesi**
KAPLAN A., ÇAPALI V., ÖZDOĞAN H., ŞEKERCİ M.
ADIM Fizik Günleri-IV, Kütahya, Turkey, 28 - 29 May 2015, pp.150
- XXXVIII. **Radiation Effects Simulation of Some Polymers with Geant4 Used for Medical Purposes**
ACAR YEŞİL T., ÇAPALI V., KAYA G., YAVUZ M., TİLKİ T.
International Workshop on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2016), 28 - 30 April 2015
- XXXIX. **Comparison of Dose Distributions Calculated by the Cyberknife Monte Carlo and Ray Tracing Algorithms for Lung Tumors A Phantom Study**
DEMİR B., ÇAPALI V., KAPLAN A., SARPÜN İ. H. , AYDIN A.
International Workshop on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2015), 23 - 26 April 2015
- XL. **Fission cross section calculations for Bi-209 target nucleus based on fission reaction models in high energy regions**
KAPLAN A., ÇAPALI V., Ozdogan H.
International Workshop on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT), Osmaniye, Turkey, 23 - 26 April 2015, vol.100
- XLI. **Geant4 calculations for space radiation shielding material Al2O3**
ÇAPALI V., Yesil T. A. , Kaya G., KAPLAN A., YAVUZ M., TİLKİ T.
International Workshop on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT), Osmaniye, Turkey, 23 - 26 April 2015, vol.100
- XLII. **Gamma radiation exposure of accompanying persons due to Lu-177 patients**
Kovan B., Demir B., Tuncman D., ÇAPALI V., Turkmen C.
International Workshop on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT), Osmaniye, Turkey, 23 - 26 April 2015, vol.100

Citations

Total Citations (WOS):63

h-index (WOS):5