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Personal Information

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Education Information

Post Graduate, Karadeniz Technical University, Fen Fakültesi/Fen Bilimler Enstitüsü, Fizik Bölümü/ Nükleer Fizik, Turkey
2016 - 2020

Under Graduate, Karadeniz Technical University, Fen Fakültesi, Turkey 2008 - 2016

Certificates, Courses and Trainings

Vocational Course, II. INTERNATIONAL NUCLEAR SUMMER SCHOOL (CHERNOBYL and RIVNE NPP Technical Training Research) , National Scientific and Technical Center for Nuclear and Radiation Safety (SSTC NRS) of Ukraine, Energoatom, Odessa National Polytechnic University (ONPU) and Ankara University Institute of Nuclear Sciences, 2019

Dissertations

Post Graduate, DÖTEROUNUN BAĞLANMA ENERJİSİNİN KUANTUM HESAPLAMA TEORİSİ İLE İNCELENMESİ, Karadeniz Technical University, Fen Fakültesi, Fizik Bölümü / Nükleer Fizik, 2020

Research Areas

Physics, Nuclear physics, Nuclear Structure, Natural Sciences

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Fen Fakültesi, 2019 - Continues

Articles Published in Other Journals

- I. **The Large Angle Quasi-Elastic Scattering Cross Sections and The Effective Weight Function Based on The Barrier Distribution for $^{32}\text{S}+^{92,94,96,98,100}\text{Mo}$ Reactions**
CİNAN Z. M. , YILMAZ A. H. , EROL B., BAŞKAN T.
Beykent Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.12, is.2, pp.23-30, 2019 (National Refreed University Journal)
- II. **The Large Angle Quasi-Elastic Scattering Cross Sections and The Effective Weight Function Based on The Barrier Distribution for $^{32}\text{S}+^{92,94,96,98,100}\text{Mo}$ Reactions**
CİNAN Z. M. , YILMAZ A. H. , EROL B., BAŞKAN T.

Refereed Congress / Symposium Publications in Proceedings

- I. **Coupled-Channel Analyses on $^{32}\text{S}+^{90}\text{Zr}$ and $^{32}\text{S}+^{96}\text{Zr}$ Heavy-Ion Fusion Reactions and Barrier Distributions**
Erol B., Yılmaz A. H. , Cinan Z. M. , Başkan T.
Turkish Physical Society 36th International Physics Congress (TPS-36), Muğla, Turkey, 1 - 05 September 2020, pp.21
- II. **The Gamma Ray Sorption of PS-PEG-OPC Composites and PS-PEG-OPC-BN Nanocomposites**
Erol B., Cinan Z. M. , Başkan T., Mısırlıoğlu Y., Savaşkan Yılmaz S., Şahin M., Yılmaz A. H.
Turkish Physical Society 36th International Physics Congress (TPS-36), Muğla, Turkey, 1 - 05 September 2020, pp.21
- III. **Inspecting of At-211 Radionuclide via Fusion Reaction of Stable F-19 and Os-192 Nuclei**
Cinan Z. M. , Yılmaz A. H. , Erol B., Başkan T.
Turkish Physical Society 36th International Physics Congress (TPS-36), Muğla, Turkey, 1 - 05 September 2020, pp.22
- IV. **Calculations of Nuclear Level Densities for Some Deformed Nuclei**
Başkan T., Cinan Z. M. , Bashirli L., Erol B., Yılmaz A. H.
Turkish Physical Society 36th International Physics Congress (TPS-36), Muğla, Turkey, 1 - 05 September 2020, pp.22
- V. **PS-PEG Block Copolymers and PS-PEG-BN Nanocomposites-Gamma Ray Interaction**
Cinan Z. M. , Başkan T., Mısırlıoğlu Y., Erol B., Savaşkan Yılmaz S., Şahin M., Yılmaz A. H.
Turkish Physical Society 36th International Physics Congress (TPS-36), Muğla, Turkey, 1 - 05 September 2020, pp.22
- VI. **Determination of the Gamma Ray Mass Attenuation Coefficient of HB(PAE-b-PCL-DI)-PU-OPC Composites Sorbed Se and Pb Atoms**
Mısırlıoğlu Y., BAŞKAN T., CİNAN Z. M. , şentürk ş., BAYRAM T., YILMAZ A. H.
CESCOP2019-International Conference on Chemical Energy Semiconductor Photochemistry, Trabzon, Turkey, 4 - 06 September 2019
- VII. **Optical Model Calculation Descriptions of $^{6}\text{Li}+^{94}\text{Nb}$ from 1-Neutron Transfer Channel in $^{7}\text{Li}+^{93}\text{Nb}$ Reaction at Energies Close to the Coulomb Barrier**
Cinan Z. M. , Yılmaz A. H. , Erol B., Başkan T.
ISAS2018-2th International Symposium on Innovative Approaches in Engineering and Natural Sciences, Samsun, Turkey, 30 November - 02 December 2018, pp.93
- VIII. **Theoretical Disquisition of Angular Distributions for $^{6,7}\text{Li}$ Elastic Scattering Reactions from Heavy Mass Target ^{208}Pb Around The Coulomb Barrier**
Cinan Z. M. , Yılmaz A. H. , Erol B., Başkan T.
International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), Ankara, Turkey, 22 - 23 November 2018, pp.123
- IX. **Theoretical Inspection of the Inelastic ^3He Scattering Mechanism for $^{185, 187}\text{Re}$ Around 10-30 MeV Energy Ranges**
Cinan Z. M. , Yılmaz A. H. , Erol B., Başkan T.
5th INTERNATIONAL SYMPOSIUM ON MULTIDISCIPLINARY STUDIES (ISMS-2018), Ankara, Turkey, 16 - 17 November 2018, pp.56
- X. **Coupled-Channel Analyses on $^{16}\text{O}+^{70,72,74,76}\text{Ge}$ Heavy-Ion Fusion Reactions**
EROL B., YILMAZ A. H. , CİNAN Z. M. , BAŞKAN T.
XI. International Conference on Nuclear Structure Properties (NSP-2018), Trabzon, Turkey, 12 - 14 September 2018

XI. ELASTIC SCATTRING PROCESSES CALCULATIONS USING THE OPTICAL MODEL PARAMETERS OF 19F 16, 17, 180 REACTIONS AT MULTIFARIOUS ENERGY REGIONSE

Cinan Z. M. , Yılmaz A. H. , Erol B., Başkan T.

XI. INTERNATIONAL CONFERENCE ON NUCLEAR STRUCTURE PROPERTIES (NSP-2018), Trabzon, Turkey, 12 - 14 September 2018, pp.88

Tasks In Event Organizations

Başkan T., KÜÇÜKÖMEROĞLU T., INTERNATIONAL CONFERENCE ON CHEMICAL ENERGY SEMICONDUCTOR PHOTOCHEMISTRY, Scientific Congress, Trabzon, Turkey, Eylül 2019

Başkan T., DEMİRCİ M., XI. INTERNATIONAL CONFERENCE ON NUCLEAR STRUCTURE PROPERTIES, Scientific Congress, Trabzon, Turkey, Eylül 2018

Invited Congress and Symposium Activities

II. INTERNATIONAL NUCLEAR SUMMER SCHOOL (CHERNOBYL and RIVNE NPP Technical Training Research) (National Scientific and Technical Center for Nuclear and Radiation Safety (SSTC NRS) of Ukraine, Energoatom, Odessa National Polytechnic University (ONPU) and Ankara University Institute of Nuclear Sciences), Attendee, Kyyiv, Ukraine, 2019

2. Nükleer Bilimler Lisansüstü Öğrenci Kongresi, Attendee, Ankara, Turkey, 2019

İnternational Symposium on Innovative Approaches in Scientific Studies, Attendee, Samsun, Turkey, 2018

5.International Symposium on Multidisciplinary Studies, Attendee, Ankara, Turkey, 2018

International Conference on Nuclear Structure Properties, Attendee, Trabzon, Turkey, 2018