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International Researcher IDs

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Education Information

Doctorate, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, Fizik Bölümü/Atom Ve Molekül Fiziği, Turkey 2015 - 2018

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Fizik/Atom Ve Molekül Fiziği, Turkey 2013 - 2015

Postgraduate, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, Fizik Bölümü/Atom Ve Molekül Fiziği, Turkey 2009 - 2012

Undergraduate, Karadeniz Technical University, Rize Fen-Edebiyat Fakültesi , Fizik Bölümü, Turkey 2005 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, DOĐU KARADENİZ'DE SEDİMENT ÖRNEKLERİNDE Cs-137 RADYOİZOTOPUNUN DENEYSEL EKOLOJİK ÖMÜR TAYİNİ VE BAZI AĐIR METAL KONSANTRASYONLARININ BELİRLENMESİ, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, Fizik/Atom Ve Molekül Fiziği, 2018

Postgraduate, ZnO İNCE FİLM ÖRNEKLERİNDE OPTİK VE XRF PARAMETRELERİNİN İNCELENMESİ, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, Fizik/Atom Ve Molekül Fiziği, 2012

Research Areas

Physics, Atomic and Molecular Physics, Molecular Properties and Interactions with Photon, Natural Sciences

Academic Titles / Tasks

Associate Professor, Recep Tayyip Erdogan University, Teknik Bilimler Meslek Yüksekokulu, ÇEVRE KORUMA TEKNOLOJİLERİ BÖLÜMÜ, 2023 - Continues

Associate Professor, Recep Tayyip Erdogan University, Rektörlük, -, 2021 - 2023

Lecturer PhD, Recep Tayyip Erdogan University, Rektörlük, -, 2018 - 2021

Expert, Recep Tayyip Erdogan University, Rektörlük, -, 2012 - 2018

Academic and Administrative Experience

Manager of Research and Application Center, Recep Tayyip Erdogan University, Teknik Bilimler Meslek Yüksekokulu, ÇEVRE KORUMA TEKNOLOJİLERİ BÖLÜMÜ, 2024 - Continues

Courses

Physics, Associate Degree, 2023 - 2024

Soil Pollution and Control, Associate Degree, 2022 - 2023

Radioactive Pollution, Associate Degree, 2023 - 2024

Hazardous, Harmful Wastes and Recycling, Associate Degree, 2022 - 2023

Renewable energy sources, Associate Degree, 2023 - 2024

Marine Pollution, Associate Degree, 2022 - 2023

Solid Waste Management and Control, Associate Degree, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Radiological health risks assessment and antioxidant activities of beehive honeys: a case study of Manisa province, Turkey**
ŞİRİN M., BALTAŞ N., DEMİR KANBUR E., ÖZÇELİK A. E., ÇEVİK U., BALTAŞ H.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.104, no.18, pp.6385-6400, 2024 (SCI-Expanded)
- II. **Human health risk assessment of heavy metals accumulation in different genders and tissues of whiting fish (*Merlangius merlangus euxinus* Nordmann, 1840) from Rize, Turkey**
Şirin M., Bayrak E. Y., Baltaş H.
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.127, 2024 (SCI-Expanded)
- III. **The impact of mechanochemical activation on the physicochemical properties and pozzolanic reactivity of kaolinite, muscovite and montmorillonite**
Baki V. A., Ke X., Heath A., Calabria-Holley J., TERZİ C., ŞİRİN M.
CEMENT AND CONCRETE RESEARCH, vol.162, 2022 (SCI-Expanded)
- IV. **Evaluation of ecological risk, source, and spatial distribution of some heavy metals in marine sediments in the Middle and Eastern Black Sea region, Turkey**
Apaydın A., Kabaoğlu H., Apaydın G., Şirin M., Cengiz E., Köksal O. K., Baltaş H., Tıraşoğlu E.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.29, no.5, pp.7053-7066, 2022 (SCI-Expanded)
- V. **Ecological structure: production of organic impregnation material from mussel shell and combustion**
TAN H., ŞİRİN M., BALTAŞ H.
POLIMEROS-CIENCIA E TECNOLOGIA, vol.32, no.1, 2022 (SCI-Expanded)
- VI. **Bio-kinetics of cesium-137 in Mediterranean mussel (*Mytilus galloprovincialis*) and sea snail (*Rapana venosa*) via seawater exposure**
BALTAŞ H., ŞİRİN M., ÇİLOĞLU E., İminova G., ÇEVİK U.
JOURNAL OF SEA RESEARCH, vol.176, 2021 (SCI-Expanded)
- VII. **Acute copper accumulation in Mediterranean mussel and sea snail**
ŞİRİN M., ÇİLOĞLU E., BALTAŞ H.
SPECTROSCOPY LETTERS, vol.54, no.7, pp.539-548, 2021 (SCI-Expanded)
- VIII. **Determination of natural radionuclides and some metal concentrations in human tooth samples in**

the Rize province, Turkey

Baltas H., SIRIN M., Senel F., DEVRAN F.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH, vol.31, no.1, pp.20-33, 2021 (SCI-Expanded)

- IX. **The effect of titanium (Ti) additive on radiation shielding efficiency of Al₂Zn alloy**
ŞİRİN M.
PROGRESS IN NUCLEAR ENERGY, vol.128, 2020 (SCI-Expanded)
- X. **A case study on pollution and a human health risk assessment of heavy metals in agricultural soils around Sinop province, Turkey**
Baltas H., Sirin M., Gokbayrak E., Ozcelik A. E.
CHEMOSPHERE, vol.241, 2020 (SCI-Expanded)
- XI. **Investigation of accumulation of radionuclides in different tissues of Whiting fish (*Merlangius merlangus euxinus* Nordmann, 1840) caught on the coasts of Rize in the eastern Black Sea region of Turkey**
Sirin M.
MICROCHEMICAL JOURNAL, vol.152, 2020 (SCI-Expanded)
- XII. **A study of the radiological baseline conditions around the planned Sinop (Turkey) nuclear power plant using the mapping method**
Baltas H., Yesilkanat C. M., Kiriş E., SIRIN M.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.191, no.11, 2019 (SCI-Expanded)
- XIII. **Radiation shielding properties of mortars with minerals and ores additives**
Baltas H., SIRIN M., Celik A., USTABAS I., EL-KHAYATT A. M.
CEMENT & CONCRETE COMPOSITES, vol.97, pp.268-278, 2019 (SCI-Expanded)
- XIV. **Effect of annealing temperature on K-shell X-ray fluorescence parameters of zinc oxide thin films prepared by the sol-gel method**
SIRIN M., Baltas H., Kiriş E., Keskenler E. F.
SPECTROSCOPY LETTERS, vol.52, no.2, pp.98-104, 2019 (SCI-Expanded)
- XV. **Determination of radiological hazard parameters in sea snails (*Rapana venosa*) in the East Black Sea Coast of Turkey**
Dalgıç G., Kiriş E., Baltas H., SIRIN M.
MARINE POLLUTION BULLETIN, vol.135, pp.441-445, 2018 (SCI-Expanded)
- XVI. **An overview of the ecological half-life of the Cs-137 radioisotope and a determination of radioactivity levels in sediment samples after Chernobyl in the Eastern Black Sea, Turkey**
Baltas H., SIRIN M., Dalgıç G., ÇEVİK U.
JOURNAL OF MARINE SYSTEMS, vol.177, pp.21-27, 2018 (SCI-Expanded)
- XVII. **Assessment of metal concentrations (Cu, Zn, and Pb) in seawater, sediment and biota samples in the coastal area of Eastern Black Sea, Turkey**
Baltas H., SIRIN M., Dalgıç G., BAYRAK E. Y., AKDENİZ A.
MARINE POLLUTION BULLETIN, vol.122, pp.475-482, 2017 (SCI-Expanded)
- XVIII. **Determination of radioactivity levels and heavy metal concentrations in seawater, sediment and anchovy (*Engraulis encrasicolus*) from the Black Sea in Rize, Turkey**
BALTAŞ H., KIRIŞ E., ŞİRİN M.
MARINE POLLUTION BULLETIN, vol.116, pp.528-533, 2017 (SCI-Expanded)
- XIX. **Comparison of elemental analysis for different kind of papers by using energy dispersive X-ray spectrometer**
Yaylı M., Koksall O., APAYDIN G., ŞİRİN M., Cengiz E., BALTAŞ H.
Asian Journal of Chemistry, vol.29, no.6, pp.1301-1307, 2017 (SCI-Expanded)
- XX. **Experimental study on copper uptake capacity in the Mediterranean mussel (*Mytilus galloprovincialis*)**
Baltas H., DALGIÇ G., BAYRAK E. Y., SIRIN M., ÇEVİK U., APAYDIN G.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.23, no.11, pp.10983-10989, 2016 (SCI-Expanded)

- XXI. **Determination of Natural Radioactivity Levels of Some Concretes and Mineral Admixtures in Turkey**
Baltas H., Kiris E., Ustabas I., YILMAZ E., Sirin M., KULOGLU E., GUNES B. E.
ASIAN JOURNAL OF CHEMISTRY, vol.26, no.13, pp.3946-3952, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Analysis the Metal Composition of Fish Samples Collected From Karacaören II Dam Lake**
KÖKSAL O. K., APAYDIN G., CENGİZ E., ŞİRİN M., BALTAS H., ÇAKMAK E., TIRASOĞLU E.
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.9, no.1, pp.74-81, 2024 (Peer-Reviewed Journal)
- II. **Exploration of Seasonal Metal Pollution in Karacaören II Dam Lake Sediment Samples using X-ray Fluorescence Method**
APAYDIN G., KÖKSAL O. K., CENGİZ E., ŞİRİN M., TIRAŞOĞLU E., BALTAŞ H.
CUMHURİYET SCIENCE JOURNAL, vol.44, 2023 (Peer-Reviewed Journal)
- III. **Comparative Analysis of Manual, Rotary and Reciprocal Systems on Primary Teeth Root Canals: An In Vitro Scanning Electron Microscopy Study**
ARSLAN İ., AYDINOĞLU S., BAYGIN Ö., TÜZÜNER T., ŞİRİN M.
Cumhuriyet Dental Journal, vol.22, no.3, pp.299-309, 2019 (Scopus)
- IV. **Evaluation of radioactive pollution in sediment samples of Borçka Dam Lake, Turkey**
ŞİRİN M.
Cumhuriyet Science Journal, vol.40, no.3, pp.624-639, 2019 (Peer-Reviewed Journal)
- V. **Artifacts in cranial MRI caused by extracranial foreign bodies and analysis of these foreign bodies**
KAYACI S., TABAK A., Durur-Subasi I., Eldes T., Koksals V., Sirin M., ARSLAN Y. K.
INDIAN JOURNAL OF RADIOLOGY AND IMAGING, vol.29, no.3, pp.299-304, 2019 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of optical properties and determination of linear attenuation coefficients in boron and barite mineral additive polythene samples**
Baltaş H., Kuloğlu E., Şirin M.
SET2022 – 19th International Conference on Sustainable Energy Technologies, İstanbul, Turkey, 16 August - 18 December 2022, pp.34
- II. **Effect Of Natural Perlite Mineral Additive On Radiation Shielding Efficiency Of Di-LithiumTetraborate And Lithium Metaborate BlendedGlasses**
ŞİRİN M.
ANADOLU KONGRESİ 4. ULUSLARARASI UYGULAMALI BİLİMLER KONGRESİ, Diyarbakır, Turkey, 25 - 26 July 2020, pp.6
- III. **CALCULATION OF GAMMA-RAY KERMA COEFFICIENTS FOR SOME CONCRETE MATERIALS**
ŞİRİN M.
IV. INTERNATIONALSCIENTIFIC AND VOCATIONALSTUDIES CONGRESS – SCIENCE AND HEALTH(BILMES SH 2019 - ANKARA), Ankara, Turkey, 7 - 10 November 2019, pp.213-216
- IV. **Calculation of gamma-ray kerma coefficients in different solid-state forms of Bi_{1.7}Pb_{0.3}Sr₂Ca₂Cu₃O₁₀ superconductor**
ŞİRİN M., BALTAS H.
5th International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology, Amasya, Turkey, 2 - 04 May 2019, pp.156-158
- V. **Determination of photon kerma coefficients for CuO, CaO, SrCO₃, PbO and Bi₂O₃ compounds**
ŞİRİN M., BALTAS H.
5th International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology,

Amasya, Turkey, 2 - 04 May 2019, pp.159-161

- VI. **Assessment of Metal Concentrations in Some Human Teeth Samples Living in Rize Province, Turkey**
BALTAŞ H., ŞİRİN M., Şenel F., KIRIŞ E., Devran F.
INTERNATIONAL ECOLOGY 2018 SYMPOSIUM, Kastamonu, Turkey, 19 - 23 June 2018, pp.869
- VII. **Investigation of Radiological Cancer Risk in Baby Clam (*Chamelea gallina*) and Sediment Samples in the Coastal Area of Sinop Province, Turkey**
ŞİRİN M., BALTAŞ H., KIRIŞ E., DALGIÇ G., Apaydın G.
INTERNATIONAL ECOLOGY 2018 SYMPOSIUM, Kastamonu, Turkey, 19 - 23 June 2018, pp.320
- VIII. **INVESTIGATION OF RADIONUCLIDE CONCENTRATIONS IN DIFFERENT TISSUES OF WHITING (MERLANGIUS MERLANGUS EUXINUS) FROM THE EASTERN BLACK SEA COASTS (RIZE/TURKEY)**
DALGIÇ G., BALTAŞ H., ŞİRİN M., BİLGİNOĞLU İ.
IV INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES (ICENS), 2 - 06 May 2018
- IX. **Radiological Assessment In Different Size Mediterranean Mussels (*Mytilus galloprovincialis*) In The Eastern Black Sea Region Of Turkey**
BALTAŞ H., KIRIŞ E., ŞİRİN M., DALGIÇ G.
ICENS 4. International Conference on Engineering and Natural Science, Kiev, Ukraine, 2 - 06 May 2018, vol.1, no.1, pp.244
- X. **Distribution of ¹³⁷Cs In Sea Snail (*Rapana Venosa*) In The Eastern Black Sea Region Of Turkey**
BALTAŞ H., ŞİRİN M., KIRIŞ E., DALGIÇ G.
ICENS 4. International Conference on Engineering and Natural Science, Kiev, Ukraine, 2 - 06 May 2018, vol.1, no.1, pp.245
- XI. **Radiological Assessment In Different Size Mediterranean Mussels (*Mytilus galloprovincialis*) In The Eastern Black Sea Region Of Turkey**
BALTAŞ H., KIRIŞ E., ŞİRİN M., DALGIÇ G.
ICENS 4. International Conference on Engineering and Natural Science, Kiev, Ukraine, 2 - 06 May 2018, vol.1, no.1, pp.244
- XII. **Distribution of ¹³⁷Cs In Sea Snail (*Rapana Venosa*) In The Eastern Black Sea Region Of Turkey**
BALTAŞ H., ŞİRİN M., KIRIŞ E., DALGIÇ G.
ICENS 4. International Conference on Engineering and Natural Science, Kiev, Ukraine, 2 - 06 May 2018, vol.1, no.1, pp.245
- XIII. **Investigation Of Radionuclide Concentrations In Different Tissues Of Whiting (*Merlangius merlangus euxinus*) From The Eastern Black Sea Coasts (Rize/Turkey)**
DALGIÇ G., BALTAŞ H., ŞİRİN M., BİLGİNOĞLU İ.
ICENS 4. International Conference on Engineering and Natural Science, Kiev, Ukraine, 2 May - 06 June 2018, vol.1, no.1, pp.273
- XIV. **Smear Layer Removal Efficacy of Manuel, Rotary and Reciprocal Systems on Primary Teeth Root Canal: An in vitro Scanning Electron Microscopy Study**
ARSLAN İ., METE ATLAS A., AYDINOĞLU S., BAYGIN Ö., ŞİRİN M.
International Congress on Preventive Dentistry, 5 - 08 March 2018
- XV. **SMEAR LAYER REMOVAL EFFICIACY OF MANUEL, ROTARY AND RECIPROCAL SYSTEMS ON PRIMARY TEETH ROOT CANAL: AN IN VITRO SCANNING ELECTRON MICROSCOPY STUDY**
ARSLAN İ., METE ATLAS A., AYDINOĞLU S., BAYGIN Ö., ŞİRİN M.
INTERNATIONAL CONGRESS ON PREVENTIVE DENTISTRY, 5 - 08 March 2018
- XVI. **Assessment Of Cu, Zn, As And Pb Concentrations In Soil Samples In The Coastal Area Of Sinop Province, Turkey**
BALTAŞ H., GÖKBAYRAK E., KIRIŞ E., SIRIN M., YEŞİLKANAT C. M., APAYDIN G.
2nd International Science Symposium (ISS2017), Tiflis, Georgia, 5 - 08 September 2017, pp.127
- XVII. **Determination of the copper uptake capacity of baby clam (*Chamelea gallina* Linnaeus, 1758)**
Dalgiç G., Şirin M., Baltaş H., Kiriş E., Ertuğral B., Çiloğlu E.
2 nd International Science Symposium "Science Festival", Tbilisi, Georgia, 5 - 08 September 2017, vol.2, pp.129
- XVIII. **Experimental study on the biokinetics of ¹³⁷Cs in sea snail (*Rapana venosa*)**

ŞİRİN M., BALTAŞ H., DALGIÇ G., ÇEVİK U., AĞIRBAŞ E., MAZLUM R. E.

2nd International Science Symposium "Science Festival", 5 - 08 September 2017

- XIX. **Determination Of The Copper Uptake Capacity Of Baby Clam (*Chamelea gallina linnaeus*, 1758)**
DALGIÇ G., ŞİRİN M., BALTAŞ H., KIRIŞ E., ERTUĞRAL B., ÇİLOĞLU E., BUĞDAYCI M.
2nd International Science Symposium (ISS2017), Tiflis, Georgia, 5 - 08 September 2017, pp.129
- XX. **Distribution Of Natural And Artificial Radioactivity Levels Of Soil Samples In The Coastal Area Of Sinop Province, Turkey**
KIRIŞ E., ŞİRİN M., BALTAŞ H., YEŞİLKANAT C. M., KARA A.
2nd International Science Symposium (ISS2017), Tiflis, Georgia, 5 - 08 September 2017, pp.126
- XXI. **Experimental study on the biokinetics of Cs-137 in sea snail (*Rapana venosa*)**
ŞİRİN M., BALTAŞ H., DALGIÇ G., ÇEVİK U., AĞIRBAŞ E., MAZLUM R. E.
2 nd International Science Symposium "Science Festival" (ISS2017), Tiflis, Georgia, 5 - 08 September 2017, pp.128
- XXII. **DETERMINATION OF THE COPPER UPTAKE CAPACITY OF BABY CLAM (*Chamelea gallina Linnaeus*, 1758)**
DALGIÇ G., ŞİRİN M., BALTAŞ H., KIRIŞ E., ERTUĞRAL B., ÇİLOĞLU E., BUĞDAYCI M.
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BALTAŞ H., GÖKBAYRAK E., KIRIŞ E., ŞİRİN M., YEŞİLKANAT C. M., APAYDIN G.
2nd International Science Symposium (ISS2017), Tiflis, Georgia, 5 - 08 September 2017, pp.127
- XXV. **ASSESSMENT OF Cu, Zn, As AND Pb CONCENTRATIONS IN SOIL SAMPLES IN THE COASTAL AREA OF SINOP PROVINCE, TURKEY**
BALTAŞ H., GÖKBAYRAK E., KIRIŞ E., ŞİRİN M., YEŞİLKANAT C. M., APAYDIN G.
2 nd International Science Symposium "Science Festival" (ISS2017), Tiflis, Georgia, 5 - 08 September 2017, pp.127
- XXVI. **DISTRIBUTION OF NATURAL AND ARTIFICIAL RADIOACTIVITY LEVELS OF SOIL SAMPLES IN THE COASTAL AREA OF SINOP PROVINCE, TURKEY**
KIRIŞ E., ŞİRİN M., BALTAŞ H., YEŞİLKANAT C. M., KARA A.
2 nd International Science Symposium "Science Festival" (ISS2017), Tiflis, Georgia, 5 - 08 September 2017, pp.126
- XXVII. **EXPERIMENTAL STUDY ON THE BIODYNAMICS OF Cs-137 IN SEA SNAIL (*Rapana venosa*)**
ŞİRİN M., BALTAŞ H., DALGIÇ G., ÇEVİK U., AĞIRBAŞ E., MAZLUM R. E.
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- XXVIII. **DETERMINATION OF THE COPPER UPTAKE CAPACITY OF BABY CLAM (*Chamelea gallina Linnaeus*, 1758)**
DALGIÇ G., ŞİRİN M., BALTAŞ H., KIRIŞ E., ERTUĞRAL B., ÇİLOĞLU E., BUĞDAYCI M.
2 nd International Science Symposium "Science Festival" (ISS2017), Tiflis, Georgia, 5 - 08 September 2017, pp.129
- XXIX. **EXPERIMENTAL STUDY ON THE BIODYNAMICS OF Cs-137 IN SEA SNAIL (*Rapana venosa*)**
ŞİRİN M., BALTAŞ H., DALGIÇ G., ÇEVİK U., AĞIRBAŞ E., MAZLUM R. E.
2 nd International Science Symposium "Science Festival" (ISS2017), Tiflis, Georgia, 5 - 08 September 2017, pp.128
- XXX. **DETERMINATION OF THE COPPER UPTAKE CAPACITY OF BABY CLAM (*Chamelea gallina Linnaeus*, 1758)**
Dalgıç G., Şirin M., Baltaş H., Kiriş E., Ertuğral B., Çiloğlu E., Buğdaycı M.
2 nd International Science Symposium "Science Festival" (ISS2017), Tbilisi, Georgia, 5 - 08 September 2017, vol.1, no.1, pp.129
- XXXI. **DISTRIBUTION OF NATURAL AND ARTIFICIAL RADIOACTIVITY LEVELS OF SOIL SAMPLES IN THE COASTAL AREA OF SINOP PROVINCE, TURKEY**
KIRIŞ E., ŞİRİN M., BALTAŞ H., YEŞİLKANAT C. M., KARA A.
2 nd International Science Symposium "Science Festival" (ISS2017), Tiflis, Georgia, 5 - 08 September 2017, pp.126
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ŞİRİN M., BALTAŞ H., DALGIÇ G., ÇEVİK U., AĞIRBAŞ E., MAZLUM R. E.

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XXXIV. Experimental study on the biokinetics of ¹³⁷Cs in biota samples

BALTAŞ H., ŞİRİN M., DALGIÇ G.

The 3rd International Conference on Engineering and Natural Sciences (ICENS), 3 - 07 May 2017

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ŞİRİN M., BALTAŞ H., DALGIÇ G.

The 3rd International Conference on Engineering and Natural Sciences (ICENS), Budapeşte, Hungary, 3 - 07 May 2017, pp.226

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ERKOÇ HUT A., BAYIR Y., ŞİRİN M.

Ulusal İç Hastalıkları Kongresi, Antalya, Turkey, 12 - 16 October 2016, pp.304

XXXIX. Antibiyotik ilaçların cam ampul formu çözücü sıvılarında cam partikülü kontaminasyonu

ERKOÇ A., BAYIR Y., ŞİRİN M.

18. Ulusal İç Hastalıkları Kongresi, Antalya, Turkey, 12 - 16 October 2016, pp.304-305

XL. Biosynthesis of Silver Nanoparticles by *Bacillus pasteurii* ovit Bacterial Strain

TUĞAY E., ŞİRİN M., ALPAY KARAOĞLU Ş.

10th Nanoscience and Nanotechnology Conference (NanoTR-10), İstanbul, Turkey, 17 - 21 June 2014, pp.106

XLI. Biosynthesis of Silver Nanoparticles by *Bacillus pasteurii* ovit Bacterial Strain

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10th Nanoscience and Nanotechnology Conference (NanoTR-10), İstanbul, Turkey, 17 - 21 June 2014, pp.106

XLIII. Determination of some heavy metal levels in fruit and soil samples of cheryry laurel *Prunus laurocerasus* L by using XRF technique

ŞİRİN M., BALTAŞ H., YILMAZ BAYRAK E.

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XLIV. Determination of Natural Radioactivity Levels in Fruit, Leaf, Core and Soil Samples of Cherry Laurel (*Prunus laurocerasus* L.)

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Supported Projects

- Şirin M., Apaydın G., Yeşilkanat C. M., Cengiz E., Project Supported by Higher Education Institutions, Determination of Heavy Metal Pollution in Sediment Samples Along the Coastline of Alanya and Investigation of Carcinogenic Risk Effects, 2022 - 2023
- BALTAŞ H., YEŞİLKANAT C. M., KARA A., KIRIŞ E., ŞİRİN M., GÖKBAYRAK E., Project Supported by Higher Education Institutions, Sinop İlinin Karasal Alanında Toprak Örneklerinde ^{137}Cs Radyoaktivite Seviyesinin Belirlenmesi, 2016 - 2018
- BALTAŞ H., DALGIÇ G., KIRIŞ E., ŞİRİN M., APAYDIN G., Project Supported by Higher Education Institutions, Sinop İli Kıyısız Alanda Beyaz Kum Midyesi (*Chamelea gallina*) Örneklerinde Radyolojik Kanseri Riskinin Araştırılması, 2016 - 2017
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- AKÇAY H. T., ŞİRİN M., TOKÇALAR S., DEMİR A., BAYAZIT T., Project Supported by Higher Education Institutions, Çeşitli Organik ve İnorganik Bileşiklerin, Doğal Ürünlerin Spektroskopik İncelenmesi, 2014 - 2017
- BALTAŞ H., ŞİRİN M., ŞENEL F., Project Supported by Higher Education Institutions, Rize İlinde Yaşayan Farklı Yaş Grubu Aralığında Toplanan Bazı İnsan Diş Örneklerinde Bazı Ağır Metal Konsantrasyonlarının ve Radyoaktivite Seviyelerinin Belirlenmesi, 2015 - 2016

Activities in Scientific Journals

Frontiers in Nuclear Medicine, Editor, 2022 - Continues

Metrics

Publication: 79

Citation (WoS): 270

Citation (Scopus): 554

H-Index (WoS): 8

H-Index (Scopus): 10

Congress and Symposium Activities

5th International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2019), Attendee, Amasya, Turkey, 2019

INTERNATIONAL ECOLOGY 2018 SYMPOSIUM, Attendee, Kastamonu, Turkey, 2018

2 nd International Science Symposium "Science Festival" (ISS2017), Attendee, Tbilisi, Georgia, 2017

30th International Physics Congress, Attendee, İstanbul, Turkey, 2013

29th International Physics Congress, Attendee, Muğla, Turkey, 2012

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Awards

ŞİRİN M., UBYT YAYIN TEŞVİK ÖDÜLÜ-2018, TÜBİTAK, August 2018

ŞİRİN M., UBYT YAYIN TEŞVİK ÖDÜLÜ-2017, TÜBİTAK, July 2017

ŞİRİN M., Bölüm Birinciliği, Karadeniz Teknik Üniversitesi Rize Fen Edebiyat Fakültesi, Karadeniz Teknik Üniversitesi, June 2009

ŞİRİN M., Onur Öğrencisi, Karadeniz Teknik Üniversitesi, Karadeniz Teknik Üniversitesi, June 2009