

Prof. MUSTAFA TOPAKSU

Personal Information

Office Phone: [+90 322 338 6084](tel:+903223386084) Extension: 2594

Fax Phone: [+90 322 338 6070](tel:+903223386070)

Email: mats@cu.edu.tr

Web: <https://avesis.cu.edu.tr//mats>

Address: Fen Edebiyat Fakültesi Fizik Bölümü

International Researcher IDs

ORCID: 0000-0002-0231-6813

Publons / Web Of Science ResearcherID: L-8797-2018

Yoksis Researcher ID: 22975

Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, Turkey 1996 - 2004

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, Turkey 1992 - 1996

Undergraduate, Cukurova University, Fen Edebiyat Fakültesi, Fizik, Turkey 1988 - 1992

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Kubad Abad?a (Konya) ait Selçuklu Seramik ve Çinilerinin Termolüminesans (TL) Tarihlendirilmesi, Yapısının Belirlenmesi ve Teknolojisinin Açıklanması, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2004

Postgraduate, Fizyon İzleri ve Minerallere Fizyon İzleri Yönteminin Uygulanması, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 1996

Research Areas

Physics, Interdisciplinary Physics and Related Science and Technology Areas, Nuclear physics, General Nuclear Reactions, Natural Sciences

Academic Titles / Tasks

Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2014 - Continues

Associate Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2014 - 2014

Associate Professor, Adiyaman University, Fen Edebiyat , Fizik, 2009 - 2014

Assistant Professor, Adiyaman University, Fen Edebiyat , Fizik, 2007 - 2009

Academic and Administrative Experience

Cukurova University, Fen Bilimleri Enstitüsü, 2017 - Continues
Cukurova University, Fen Edebiyat Fakültesi, Fizik, 2016 - Continues
Adiyaman University, Fen Edebiyat Fakültesi, Fizik, 2009 - 2014
Adiyaman University, Fen Edebiyat Fakültesi, Fizik, 2009 - 2014
Adiyaman University, 2010 - 2012

Advising Theses

Topaksu M., Neodimyum (Nd) ve seryum (Ce) katkılı kalsiyum florürün (CaF_2) termolüminesans (TL) özelliklerinin belirlenmesi, Postgraduate, H.YAZAN(Student), 2020
TOPAKSU M., Samaryum ve Tulyum Katkılı Çinko Borat Fosforlarının Lüminesans Özelliklerinin İncelenmesi ve Termolüminesans Dozimetresi Olarak Kullanılabilirliğinin Araştırılması (Devam Ediyor), Doctorate, K.BULCAR(Student), 2016
TOPAKSU M., Doğal Apatit Mineralinin Termolüminesans (TL), Optiksel Uyarılmayla Lüminesans (OSL) ve Elektron Spin Rezonans (ESR) Yöntemleriyle İncelenmesi (Devam Ediyor), Doctorate, T.KARAMAN(Student), 2016
TOPAKSU M., Silisyumca Zengin Minerallerin Lüminesans Özelliklerinin Belirlenmesi (Devam Ediyor), Doctorate, S.BALCI(Student), 2016
TOPAKSU M., Serpantin Mineralinin Karakterizasyonu ve Lüminesans Özellikleri (Devam Ediyor), Postgraduate, E.. (Student), 2016
TOPAKSU M., Yarı-deneyisel nükleer reaksiyon tesir kesiti formüllerinin geliştirilmesi ve uygulamaları (Devam Ediyor), Doctorate, S.AKÇA(Student), 2016
TOPAKSU M., Dose calculations for HDR and/or LDR Brachytherapy sources using Monte Carlo simulation technique and comparison with that of dose measurements (Devam Ediyor), Doctorate, Z.Gizem(Student), 2016
TOPAKSU M., Titanitlerde Doğal Ve Yapay Fizyon İzlerinin Tavlama Kinetikleri, Postgraduate, M.Mükerrem(Student), 2014
TOPAKSU M., Lantan Katkılı Çinko Boratların Kinetik Parametrelerinin Belirlenmesi Adiyaman Üniversitesi, Postgraduate, A.Halit(Student), 2014
TOPAKSU M., $\text{Zn}_{1-(x+y)}\text{Mn}_y\text{Gd}_x\text{O}$ ($y = 0.01$; $x = 0.02, 0.03, 0.04$) Bileşiklerinin Yapısal Ve Manyetik Özelliklerinin Araştırılması, Postgraduate, K.BULCAR(Student), 2014
TOPAKSU M., Doğal Kuvars Minerallerinin TL özellikleri ve Kinetik Parametrelerinin Belirlenmesi., Postgraduate, R.AKKAYA(Student), 2011
TOPAKSU M., Orta Anadolu fluoritlerinin (CaF_2) termolüminesans (TL) ışıma tepelerine tavlamanın etkisi, Postgraduate, M.YÜKSEL(Student), 2008

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Beta irradiation-induced thermoluminescence: Glow curve analysis and kinetic parameters in combustion-synthesized undoped $\text{Ca}_4\text{YO}(\text{BO}_3)_3$**
Madkhali A., Jabali D., Souadi G., Sonsuz M., Kaynar U., AKÇA ÖZALP S., Ayvacikli M., Madkhali O., TOPAKSU M., Can N. Applied Radiation and Isotopes, vol.208, 2024 (SCI-Expanded)
- II. **Radiation-induced thermoluminescence in $\text{Ca}_5(\text{PO}_4)_3\text{OH}$ powder from eggshell: Trapping parameter assessment**
Souadi G., Bulcar K., Yucel A., Oglakci M., SEZER S., Madkhali O., Depci T., Topaksu M., Can N. Radiation Physics and Chemistry, vol.217, 2024 (SCI-Expanded)
- III. **Europium-doped strontium gadolinium oxide phosphor: Investigating structural and photoluminescence characteristics via sol-gel combustion synthesis**
Sarıkci S., TOPAKSU M., Ozturk E., Souadi G., Madkhali O., Madkhali A., Can N. Applied Radiation and Isotopes, vol.205, 2024 (SCI-Expanded)
- IV. **Assessment of structural and thermoluminescence characteristics of porcelain used as an electrical**

insulator

Portakal Uçar Z. G., Akça Özalp S., Oğlakçı M., Barad A., Topaksu M.

AMERICAN CERAMIC SOCIETY, JOURNAL, vol.107, no.1, pp.640-658, 2024 (SCI-Expanded)

- V. **Synthesis and thermoluminescence behavior of novel Sm³⁺ doped YCa₄O(BO₃)₃ under beta irradiation**
Altowyan A. S., Sonsuz M., Kaynar U., Hakami J., PORTAKAL UÇAR Z. G., Ayvacikli M., TOPAKSU M., Can N.
Ceramics International, 2024 (SCI-Expanded)
- VI. **Thermoluminescence kinetics in beta-irradiated novel ZnGa₂O₄:Eu³⁺ phosphor produced via gel combustion synthesis**
Barad A., TOPAKSU M., Hakami J., Can N.
Ceramics International, 2024 (SCI-Expanded)
- VII. **Thermoluminescence behavior of Ce³⁺ doped lanthanum tri-borate phosphor for dosimetry applications**
Oğlakçı M., Portakal Uçar Z. G., Akça Özalp S., Correcher V., Benavente J. F., Sonsuz M., Can N., Halefoğlu Y. Z., Topaksu M.
CERAMICS INTERNATIONAL, vol.49, no.22PB, pp.36092-36102, 2023 (SCI-Expanded)
- VIII. **Anomalous heating rate effect in GdAl₃(BO₃)₄:Dy³⁺ under beta radiation stimulation: Analysis of dose response and kinetic parameters**
Alajlani Y., Oğlakçı M., Bulcar K., Kaynar Ü. H., Portakal Uçar Z. G., Athlawi H., Ayvacıklı M., Topaksu M., Can N.
CERAMICS INTERNATIONAL, vol.49, no.24PA, pp.243-254, 2023 (SCI-Expanded)
- IX. **Unravelling the impact of unusual heating rate, dose-response and trap parameters on the thermoluminescence of Sm³⁺ activated GdAl₃(BO₃)₄ phosphors exposed to beta particle irradiation**
Souadi G., Kaynar Ü. H., Sonsuz M., Akça Özalp S., Ayvacıklı M., Topaksu M., Özmen Ö., Can N.
RADIATION PHYSICS AND CHEMISTRY, vol.213, pp.111211, 2023 (SCI-Expanded)
- X. **Unusual heating rates, dose responses and kinetic parameters detected on thermoluminescence from YAl₃(BO₃)₄:Sm³⁺ phosphors**
Altowyan A. S., Kaynar Ü. H., Bulcar K., Oğlakçı M., Portakal Uçar Z. G., Hakami J., Topaksu M., Can N.
CERAMICS INTERNATIONAL, vol.49, no.20, pp.33291-33304, 2023 (SCI-Expanded)
- XI. **Fired shards from selected ancient Anatolian ceramics: a brief review of their mineralogical nature and pedological-microstructural evolution**
KAPUR S., Kadir S., Kelling G., AKÇA E., TOPAKSU M., SAKARYA N., YEĞİNGİL Z., EREN M., FITZPATRICK E. A.
Turkish Journal of Earth Sciences, vol.32, no.4, pp.555-576, 2023 (SCI-Expanded)
- XII. **Anomalous dose behaviour of thermoluminescence glow curves and kinetic analysis of beta irradiated YAl₃(BO₃)₄:Tb phosphor**
Souadi G., Bulcar K., Kaynar U. H., Ayvacikli M., Topaksu M., Cam-Kaynar S., Can N.
APPLIED RADIATION AND ISOTOPES, vol.194, 2023 (SCI-Expanded)
- XIII. **Comparison of thermoluminescence characteristics of undoped and europium doped YAl₃(BO₃)₄ phosphor synthesized by combustion method: Anomalous heating rate, dose response and kinetic analyses**
Kaynar U. H., Oglakci M., Bulcar K., Benourджа S., Bakr M., Ayvacikli M., Canimoglu A., Topaksu M., Can N.
RADIATION PHYSICS AND CHEMISTRY, vol.204, 2023 (SCI-Expanded)
- XIV. **Thermoluminescence characteristics and kinetic analyses of europium doped strontium gadolinium oxide phosphor.**
Sarıkci S., Topaksu M., Madkhali O., Can N.
Applied radiation and isotopes : including data, instrumentation and methods for use in agriculture, industry and medicine, vol.191, pp.110549, 2023 (SCI-Expanded)
- XV. **A thermoluminescence study of Tb³⁺ doped LaB₃O₆: Dosimetric characteristics and kinetic parameters**
Portakal-Ucar Z. G., Oglakci M., Correcher V., Sonsuz M., Can N., Halefoglul Y. Z., Topaksu M.
JOURNAL OF LUMINESCENCE, vol.253, 2023 (SCI-Expanded)
- XVI. **Synthesis and thermoluminescence study of Eu doped novel LaBO₃ phosphor: Heating rate, dose**

response, trapping parameters

Sonsuz M., Topaksu M., Hakami J., Can N.

RADIATION PHYSICS AND CHEMISTRY, vol.201, 2022 (SCI-Expanded)

- XVII. **Samarium doped Ca₃Y₂B₄O₁₂ phosphor prepared by combustion method: Anomalous heating rate effect, dosimetric features, and TL kinetic analyses**
Hakami J., Oğlakçı M., Portakal Uçar Z. G., Sonsuz M., Kaynar Ü. H., Ayvacıklı M., Topaksu M., Can N.
JOURNAL OF LUMINESCENCE, vol.251, no.119200, pp.1-11, 2022 (SCI-Expanded)
- XVIII. **Preliminary study on the thermally stimulated luminescence characterization of UVC and beta irradiated tridymite**
Balci S., Topaksu M., Benavente J. F., Garcia-Guinea J., Correcher V.
APPLIED RADIATION AND ISOTOPES, vol.186, 2022 (SCI-Expanded)
- XIX. **Structural and analyses of thermoluminescence glow curves in Sm doped SrGd₂O₄ phosphor**
Sarikci S., Topaksu M., Bakr M., Can N.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.911, 2022 (SCI-Expanded)
- XX. **Thermoluminescence characterization and kinetic parameters of Dy³⁺ activated Ca₃Y₂B₄O₁₂**
Hakami J., Sonsuz M., Kaynar U. H., Ayvacikli M., Oglakci M., Topaksu M., Can N.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.525, pp.34-40, 2022 (SCI-Expanded)
- XXI. **Novel Dy incorporated Ca₃Y₂B₄O₁₂ phosphor: Insights into the structure, broadband emission, photoluminescence and cathodoluminescence characteristics**
Qaisi A. H., Kaynar U. H., Ayvacikli M., Garcia-Guinea J., Alajlani Y., TOPAKSU M., Can N.
APPLIED RADIATION AND ISOTOPES, vol.185, 2022 (SCI-Expanded)
- XXII. **Thermoluminescence glow curve analysis and kinetic parameters of Eu doped Li₂MoO₄ ceramic phosphors**
Souadi G., Oglakci M., Kaynar U. H., Correcher V., Benavente J. F., Bulcar K., Ayvacikli M., Hiziroglu A., Topaksu M., Can N., et al.
CERAMICS INTERNATIONAL, vol.48, no.13, pp.19258-19265, 2022 (SCI-Expanded)
- XXIII. **Kinetic parameters and anomalies in heating rate effects of the thermoluminescence from rock salt from Tuzluca in Turkey**
Bulcar K., Oglakci M., Hakami J., Topaksu M., Can N., Alma M. H.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.523, pp.8-15, 2022 (SCI-Expanded)
- XXIV. **Anomalous heating rate dependence and analyses of thermoluminescence glow curves in Gd doped ZnB₂O₄ phosphors**
Atasoz S., TOPAKSU M., Souadi G., Can N.
JOURNAL OF LUMINESCENCE, vol.246, 2022 (SCI-Expanded)
- XXV. **Thermoluminescence glow curve analysis of Ca₃Y₂B₄O₁₂ phosphor prepared using combustion method**
Hakami J., Sonsuz M., Kaynar Ü. H., Ayvacıklı M., Oğlakçı M., Yüksel M., Topaksu M., Can N.
APPLIED RADIATION AND ISOTOPES, vol.186, pp.1-6, 2022 (SCI-Expanded)
- XXVI. **Thermal quenching and evaluation of trapping parameters of thermoluminescence glow-peaks of beta irradiated NaBaB₃O₇: Tb³⁺ for TLD applications**
Oglakci M., TOPAKSU M., Alajlani Y., Can N., Karali E. E.
JOURNAL OF LUMINESCENCE, vol.244, 2022 (SCI-Expanded)
- XXVII. **Synthesis and beta particle excited thermoluminescence of BaSiF₆ phosphor**
Souadi G., AKÇA ÖZALP S., Karali E. E., Kaynar U. H., Ayvacikli M., Topaksu M., Can N.
APPLIED RADIATION AND ISOTOPES, vol.181, 2022 (SCI-Expanded)
- XXVIII. **Characterization of thermoluminescence kinetic parameters of dolomite after exposure to β-radiation dose**
Akça Özalp S., Portakal Uçar Z. G., Oğlakçı M., Yüksel M., Halefoğlu Y. Z., Topaksu M.
JOURNAL OF LUMINESCENCE, vol.240, pp.118427, 2021 (SCI-Expanded)

- XXIX. **Thermoluminescence study and trapping parameters of beta irradiated NaBaB₃O₈:Gd³⁺ phosphor**
Oğlakçı M., Topaksu M., Souadi G. O., Can N.
JOURNAL OF LUMINESCENCE, vol.238, no.118245, pp.1-9, 2021 (SCI-Expanded)
- XXX. **Paleoseismic history of the Manisa fault zone, Western Anatolia**
Duran İ., Sözbilir H., Eski S., Softa M., Uytun H., Yüksel M., Topaksu M.
Turkish Journal Of Earth Sciences, vol.30, no.1, pp.806-832, 2021 (SCI-Expanded)
- XXXI. **Characterization of thermoluminescence kinetic parameters of beta irradiated B doped Ca₅(PO₄)₃OH powder obtained from eggshell.**
Depci T., Oglakci M., Sezer S., Yücel A., Dogan T., Souadi G., Topaksu M., Can N.
Applied radiation and isotopes : including data, instrumentation and methods for use in agriculture, industry and medicine, vol.173, pp.109738, 2021 (SCI-Expanded)
- XXXII. **Thermoluminescence of Ce and Nd co-doped CaF₂ phosphors after beta irradiation**
Yazan H., Portakal Uçar Z. G., Akça Özalp S., Topaksu M., Townsend P., Can N.
JOURNAL OF LUMINESCENCE, vol.234, pp.117949, 2021 (SCI-Expanded)
- XXXIII. **Effect of Sm³⁺ and Mn²⁺ incorporation on the structure and luminescence characteristics of Zn₂SiO₄ phosphor**
Portakal Uçar Z. G., Doğan T., Akça Özalp S., Kaynar Ü. H., Topaksu M.
RADIATION PHYSICS AND CHEMISTRY, vol.181, pp.109329, 2021 (SCI-Expanded)
- XXXIV. **Thermoluminescence glow curve analysis and evaluation of trapping parameters of dysprosium doped lanthanum calcium borate La₂CaB₁₀O₁₉**
Bulcar K., Oglakci M., Kaynar U. H., Ayvacikli M., Souadi G., Topaksu M., Can N.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.489, pp.58-68, 2021 (SCI-Expanded)
- XXXV. **Thermoluminescence study and evaluation of trapping parameters of samarium doped barium silicate phosphor**
Alajlani Y., Oglakci M., Kaynar U. H., Ayvacikli M., Portakal-Ucar Z. G., TOPAKSU M., Can N.
JOURNAL OF ASIAN CERAMIC SOCIETIES, vol.9, no.1, pp.268-280, 2021 (SCI-Expanded)
- XXXVI. **Thermoluminescence glow curves of beta irradiated NaBaB₃O₈: Ce³⁺ phosphor synthesized by combustion method**
Oglakci M., TOPAKSU M., Can N.
SENSORS AND ACTUATORS A-PHYSICAL, vol.315, 2020 (SCI-Expanded)
- XXXVII. **Thermoluminescence properties of beta particle irradiated Ca₃Al₂O₆ phosphor relative to environmental dosimetry**
Bakr M., Portakal-Ucar Z. G., Yüksel M., Kaynar U. H., Ayvacikli M., Benourdjia S., Canimoglu A., Topaksu M., Hammoudeh A., Can N.
JOURNAL OF LUMINESCENCE, vol.227, 2020 (SCI-Expanded)
- XXXVIII. **Thermoluminescence of beta-particle induced Bern-4M muscovite**
Portakal-Uçar Z. G., Akça S., Balci-Yegen S., Yüksel M., Doğan T., Souadi G., Parlak O., Topaksu M., Can N.
RADIATION PHYSICS AND CHEMISTRY, vol.174, 2020 (SCI-Expanded)
- XXXIX. **TL and OSL studies on gallium sulfide (GaS) single crystals**
Işık M., Yüksel M., Topaksu M., Gasanly N. M.
JOURNAL OF LUMINESCENCE, vol.225, 2020 (SCI-Expanded)
- XL. **Thermoluminescence behaviour of europium doped magnesium silicate after beta exposure**
Uçar Z. G., Kaynar Ü., DOĞAN T., Souadi G., Ayvacikli M., Canimoglu A., TOPAKSU M., Can N.
Optical Materials, vol.104, 2020 (SCI-Expanded)
- XLI. **A study on thermoluminescence behaviour of Eu doped LaB₃O₆ irradiated with beta particles**
Halefoglu Y. Z., Oglakci M., Portakal Z. G., Akca S., Souadi G. O., Canimoglu A., Topaksu M., Can N.
Radiation Physics and Chemistry, vol.168, 2020 (SCI-Expanded)
- XLII. **Structural and spectroscopic properties of LaAlB₃ doped with Eu³⁺ ions**
Halefoğlu Y. Z., Oğlakçı M., Yüksel M., Canimoğlu A., Topaksu M., Can N.
APPLIED RADIATION AND ISOTOPES, vol.154, 2019 (SCI-Expanded)

- XLIII. Thermoluminescence properties of Tb doped Mg₂SiO₄ after beta irradiation**
 AKÇA S., Portakal Z. G., DOĞAN T., Kucuk N., Canımoğlu A., TOPAKSU M., Can N.
 NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.458, pp.12-20, 2019 (SCI-Expanded)
- XLIV. Comparative studies on thermoluminescence characteristics of non-doped Mg₂SiO₄ prepared via a solid-state reaction technique and wet-chemical method: An unusual heating rate dependence**
 Doğan T., Akça S., Yüksel M., Kucuk N., Ayvacıklı M., Karabulut Y., Canımoğlu A., Topaksu M., Can N.
 JOURNAL OF ALLOYS AND COMPOUNDS, vol.795, pp.261-268, 2019 (SCI-Expanded)
- XLV. Thermoluminescence analysis of beta irradiated ZnB₂O₄: Pr³⁺ phosphors synthesized by a wet-chemical method**
 Akca S., Oğlakçı M., Portakal Z. G., Kucuk N., Bakır M., Topaksu M., Can N.
 RADIATION PHYSICS AND CHEMISTRY, vol.160, pp.105-111, 2019 (SCI-Expanded)
- XLVI. Synthesis and luminescence characterization of microcrystalline Nd-doped calcium sulfate**
 Yüksel M., Doğan T., Portakal Z. G., Topaksu M.
 APPLIED RADIATION AND ISOTOPES, vol.148, pp.197-203, 2019 (SCI-Expanded)
- XLVII. Thermoluminescence spectra of Tm doped ZnB₂O₄ phosphor prepared via a wet-chemical synthesis**
 Bulcar K., Kucuk N., TOPAKSU M., Can N.
 APPLIED RADIATION AND ISOTOPES, vol.147, pp.177-181, 2019 (SCI-Expanded)
- XLVIII. Neutron plus Gamma response of undoped and Dy doped MgB₄O₇ thermoluminescence dosimeter**
 Iflazoglu S., YILMAZ A. Ö., Kafadar V. E., TOPAKSU M., Yazici A. N.
 APPLIED RADIATION AND ISOTOPES, vol.147, pp.91-98, 2019 (SCI-Expanded)
- XLIX. Characterization and thermoluminescence behavior of beta irradiated NaBaB₃O₃ phosphor synthesized by combustion method**
 Oğlakçı M., Akça S., Halefoğlu Y. Z., Doğan T., Ayvacıklı M., Karabulut Y., Topaksu M., Can N.
 CERAMICS INTERNATIONAL, vol.45, pp.7011-7017, 2019 (SCI-Expanded)
- L. Cathodoluminescence and thermoluminescence of ZnB₂O₄:Eu³⁺ phosphors prepared via wet-chemical synthesis**
 DOĞAN T., Tormo L., AKÇA S., Kucuk N., Garcia Guinea J., Karabulut Y., Ayvacıklı M., Oglakci M., TOPAKSU M., Can N.
 CERAMICS INTERNATIONAL, vol.45, no.4, pp.4918-4925, 2019 (SCI-Expanded)
- LI. Preparation and photoluminescence properties of aluminate phosphors produced by combustion synthesis**
 Halefoğlu Y. Z., Yüksel M., Derin H., Can N., Topaksu M., Ozturk E., Karacaoglu E.
 APPLIED RADIATION AND ISOTOPES, vol.142, pp.46-50, 2018 (SCI-Expanded)
- LII. UV effect on the cathodo- and thermoluminescence properties of a gem-quality Cr-rich diaspore (alpha-AlOOH)**
 TOPAKSU M., Correcher V., Boronat C., Garcia-Guinea J., Portakal Z. G., AKÇA S.
 APPLIED RADIATION AND ISOTOPES, vol.141, pp.101-106, 2018 (SCI-Expanded)
- LIIL. Anomalous heating rate response of beta irradiated Sm³⁺ and Tb³⁺ doped BaAl₂O₄ phosphors**
 Kaynar U. H., Guvener E., Ayvacikli M., DOĞAN T., Balci-Yegen S., Oglakci M., TOPAKSU M., Karabulut Y., Canimoglu A., Benourджа S., et al.
 JOURNAL OF ALLOYS AND COMPOUNDS, vol.764, pp.523-529, 2018 (SCI-Expanded)
- LIV. Heating rate properties and kinetic parameters of thermoluminescence glow curves of La-doped zinc borate**
 Yüksel M., Doğan T., Balci-Yegen S., Akça S., Portakal Z. G., Kucuk N., Topaksu M.
 RADIATION PHYSICS AND CHEMISTRY, vol.151, pp.149-155, 2018 (SCI-Expanded)
- LV. Thermoluminescence behavior of Sm³⁺ activated ZnB₂O₄ phosphors synthesized using low temperature chemical synthesis method**
 Bulcar K., Doğan T., Akça S., Yüksel M., Ayvacıklı M., Karabulut Y., Kucuk N., Canımoğlu A., Can N., Topaksu M.
 NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.428, pp.65-71, 2018 (SCI-Expanded)
- LVI. Doping Sm³⁺ into ZnB₂O₄ phosphors and their structural and cathodoluminescence properties**

Kucuk N., Bulcar K., DOĞAN T., Garcia Guinea J., Portakal Z. G., Karabulut Y., Ayvaciikli M., Canımoğlu A., TOPAKSU M., Can N.

JOURNAL OF ALLOYS AND COMPOUNDS, vol.748, pp.245-251, 2018 (SCI-Expanded)

- LVII. **Thermoluminescence dose and heating rate dependence and kinetic analysis of ZnB₂O₄:0.05Dy(3+) phosphor**
Balci-Yegen S., YÜKSEL M., Kucuk N., Karabulut Y., Ayvaciikli M., Can N., TOPAKSU M.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.416, pp.50-54, 2018 (SCI-Expanded)
- LVIII. **Correlation between thermoluminescence emission and phase transitions of tridymite**
Balci-Yegen S., Boronat C., Garcia-Guinea J., TOPAKSU M., Correcher V.
PHASE TRANSITIONS, vol.91, no.11, pp.1122-1128, 2018 (SCI-Expanded)
- LIX. **Normal and anomalous heating rate effects on thermoluminescence of Ce-doped ZnB₂O₄**
Doğan T., Yüksel M., Akça S., Portakal Z. G., Balci-Yegen S., Kucuk N., Topaksu M.
APPLIED RADIATION AND ISOTOPES, vol.128, pp.256-262, 2017 (SCI-Expanded)
- LX. **Luminescence studies of zinc borates activated with different concentrations of Ce and La under x-ray and electron excitation**
Kucuk N., Ayvaciikli M., Akça S., Yüksel M., Garcia Guinea J., Karabulut Y., Canimoglu A., Topaksu M., Can N.
APPLIED RADIATION AND ISOTOPES, vol.127, pp.35-40, 2017 (SCI-Expanded)
- LXI. **Luminescence characteristics of Dy³⁺ incorporated zinc borate powders**
Portakal Z. G., DOĞAN T., Yegen S., Kucuk N., Ayvaciikli M., Garcia Guine J., Canımoğlu A., Karabulut Y., TOPAKSU M., Can N.
JOURNAL OF LUMINESCENCE, vol.188, pp.409-417, 2017 (SCI-Expanded)
- LXII. **Optical, spectral and thermal properties of natural pumice glass**
Correcher V., Gomez-Ros J. M., Dogan T., Garcia-Guinea J., TOPAKSU M.
RADIATION PHYSICS AND CHEMISTRY, vol.130, pp.69-75, 2017 (SCI-Expanded)
- LXIII. **Thermoluminescence properties of annealed natural quartz after beta irradiation**
Yüksel M., Doğan T., Unsal E., Portakal Z. G., Akça S., Yeğingil Z., Topaksu M.
LUMINESCENCE, vol.31, no.8, pp.1513-1518, 2016 (SCI-Expanded)
- LXIV. **Thermoluminescence characteristics of Zn(B₂O₃)₂:Ce³⁺ under beta irradiation**
Kucuk N., Kucuk I., Yüksel M., Topaksu M.
RADIATION PROTECTION DOSIMETRY, vol.168, no.4, pp.450-458, 2016 (SCI-Expanded)
- LXV. **Luminescence emission of natural fluorite and synthetic CaF₂:Mn (TLD-400)**
TOPAKSU M., Correcher V., GARCIA-GUINEA J.
RADIATION PHYSICS AND CHEMISTRY, vol.119, pp.151-156, 2016 (SCI-Expanded)
- LXVI. **Thermoluminescence kinetic parameters of different amount La-doped ZnB₂O₄**
Kucuk N., Gozel A. H., Yüksel M., Doğan T., Topaksu M.
APPLIED RADIATION AND ISOTOPES, vol.104, pp.186-191, 2015 (SCI-Expanded)
- LXVII. **Study of thermoluminescence response of purple to violet amethyst quartz from Balıkesir, Turkey**
Nur N., Yeğingil Z., Topaksu M., Kurt K., Doğan T., Sarıgül N., Yüksel M., Altunal V., Özdemir A. C., Guckan V., et al.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.358, pp.6-15, 2015 (SCI-Expanded)
- LXVIII. **Optically stimulated luminescence dating of Holocene alluvial fans, East Anatolian Fault System, Turkey**
Doğan T., Çetin H., Yeğingil Z., Topaksu M., Yüksel M., Duygun F., Nur N., Yegingil I.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol.170, pp.630-644, 2015 (SCI-Expanded)
- LXIX. **Thermoluminescence sensitivity of ulexite after UV irradiation**
TOPAKSU M., Correcher V., Garcia-Guinea J.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.349, pp.17-23, 2015 (SCI-Expanded)
- LXX. **Thermoluminescence glow curve analysis of natural onyx from Turkey**
Doğan T., Toktamis H., Yüksel M., Topaksu M., Yazici A. N.

- APPLIED RADIATION AND ISOTOPES, vol.96, pp.13-19, 2015 (SCI-Expanded)
- LXXI. **Effect of heating rate on the thermoluminescence and thermal properties of natural ulexite**
Topaksu M., Correcher V., Garcia-Guinea J., Yüksel M.
APPLIED RADIATION AND ISOTOPES, vol.95, pp.222-225, 2015 (SCI-Expanded)
- LXXII. **Effects of Mn and Gd Co-substituted into ZnO on Structural and Magnetic Properties**
Bulcar K., AKYOL M., AKÇA G., Ayas A. O., TOPAKSU M., EKİCİBİL A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.27, no.11, pp.2631-2637, 2014 (SCI-Expanded)
- LXXIII. **Comparative study of the thermoluminescence properties of natural metamorphic quartz belonging to Turkey and Spain**
Topaksu M., Doğan T., Yüksel M., Kurt K., Topak Y., Yeğingil Z.
RADIATION PHYSICS AND CHEMISTRY, vol.96, pp.223-228, 2014 (SCI-Expanded)
- LXXIV. **Investigation of the characteristics of thermoluminescence glow curves of natural hydrothermal quartz from Hakkari area in Turkey**
Topaksu M., Yüksel M., Doğan T., Nur N., Akkaya R., Yeğingil Z., Topak Y.
PHYSICA B-CONDENSED MATTER, vol.424, pp.27-31, 2013 (SCI-Expanded)
- LXXV. **Effects of annealing and high radiation dose on the thermoluminescence characteristics of natural fluorite**
YEĞİNGİL Z., Nur N., DOĞAN T., Yazici N., Topaksu M.
RADIATION MEASUREMENTS, vol.47, no.10, pp.981-987, 2012 (SCI-Expanded)
- LXXVI. **Comparison of thermoluminescence (TL) and cathodoluminescence (ESEM-CL) properties between hydrothermal and metamorphic quartzes**
Topaksu M., Correcher V., Garcia-Guinea J., Topak Y., Goksu H. Y.
APPLIED RADIATION AND ISOTOPES, vol.70, no.6, pp.946-951, 2012 (SCI-Expanded)
- LXXVII. **The mixture distribution models for interoccurrence times of earthquakes**
ERISOGLU M., CALIS N., Servi T., ERISOGLU U., Topaksu M.
RUSSIAN GEOLOGY AND GEOPHYSICS, vol.52, no.7, pp.737-744, 2011 (SCI-Expanded)
- LXXVIII. **The effects of pre-irradiation heat treatment and heating rate on the thermoluminescence glow peaks of natural CaF₂**
Yüksel M., Topaksu M., Yazici A. N., Yeğingil Z., Dogan T.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol.165, no.5, pp.396-402, 2010 (SCI-Expanded)
- LXXIX. **The thermoluminescence properties of natural CaF₂ after beta-irradiation**
Topaksu M., Yazici A. N.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.264, no.2, pp.293-301, 2007 (SCI-Expanded)
- LXXX. **Investigation of the stability of the radiation sensitivity of TL peaks of quartz extracted from tiles**
Toktamis H., Yazici A. N., Topaksu M.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.262, no.1, pp.69-74, 2007 (SCI-Expanded)
- LXXXI. **The analysis of thermoluminescent glow peaks of natural zircon after beta-irradiation**
Yazici A., Kurt K., Kafadar V., Gurler S., Topaksu M.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.248, no.1, pp.133-141, 2006 (SCI-Expanded)
- LXXXII. **The analysis of thermoluminescence glow peaks of unannealed synthetic quartz**
Yazici A., Topaksu M.
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.36, no.6, pp.620-627, 2003 (SCI-Expanded)
- LXXXIII. **The analysis of dosimetric thermoluminescent glow peak of alpha-Al₂O₃ : C after different dose levels by beta-irradiation**
Yazici A., Solak S., Ozturk Z., Topaksu M., Yegingil Z.
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.36, no.2, pp.181-191, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **Thermal stability of the luminescence emission of irradiated paracetamol**
Correcher V., Topaksu M., Furio M., Garcia-Guinea J.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.148, no.15, pp.7653-7660, 2023 (Scopus)
- II. **Thermoluminescence Glow Curve Properties of TLD-500 Dosimeter**
YÜKSEL M., PORTAKAL Z. G., DOĞAN T., TOPAKSU M., ÜNSAL E.
Third International Conference on Radiation and Applications in Various Fields of Research RAD Proceedings, vol.3, no.1, pp.387-392, 2015 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Tarihlendirme Yöntemleri**
Sayın Ü., Topaksu M., Yüksel M., Özmen A., Avcı H., Ece E.
in: Fen Bilimleri ve Matematikte Güncel Araştırmalar-Tarihlendirme Yöntemleri, Akgül Hasan, Kütük Murat, Sağlık Hüsniye, İyit Neslihan, Erten Füsun, Editor, Gece Kitaplığı, Ankara, pp.235-274, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Doğu Anadolu Fay Zonu-Erkenek Segmenti Üzerinde Gerçekleştirilen Paleosismolojik Çalışmalar: İlk Bulgular**
ÇOLAK EROL S., AKGÜN E., SOFTA M., AKSOY E., SÖZBİLİR H., TATAR O., KOÇBULUT F., GÜRGÖZE S., YÜKSEL M., TOPAKSU M.
76. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 15 April 2024, pp.123
- II. **Yeni Foça Fayı'nın Geometrisi, Jeomorfolojik özellikleri ve Paleosismolojik Analizi, Ön Bulgular**
BULGURCU A., SÖZBİLİR H., ÖZKAYMAK Ç., SOFTA M., KOÇBULUT F., TATAR O., YÜKSEL M., TOPAKSU M., ÖNCÜ U.
76. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 15 April 2024, pp.460
- III. **Bergama Fayı'nın Jeomorfolojisi, Kinematik Analizi ve Paleosismolojisi**
ÖNCÜ U., ÖZKAYMAK Ç., SÖZBİLİR H., SOFTA M., KOÇBULUT F., TATAR O., YÜKSEL M., TOPAKSU M.
76. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 15 April 2024, pp.461
- IV. **Kemalpaşa Fayı'nın Tektonik Jeomorfolojisi, Kinematik Özellikleri ve Paleosismolojik Analizi: Ön Bulgular**
KANDEMİR E., SÖZBİLİR H., ÖZKAYMAK Ç., SOFTA M., KOÇBULUT F., TATAR O., YÜKSEL M., TOPAKSU M., YERLİ B.
76. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 15 April 2024, pp.459
- V. **Variation of thermoluminescence behavior of doped (Nd³⁺ and Eu³⁺) yttrium borate phosphor produced by a combustion process**
AKÇA ÖZALP S., PORTAKAL UÇAR Z. G., HALEFOĞLU Y. Z., TOPAKSU M.
International Conference on Sensor, Detector, Material Sciences and Technologies, Bolu, Turkey, 5 - 07 October 2023, pp.12-16
- VI. **Geomorphologic and Kinematic Characteristics of the Erkenek Segment within the Eastern Anatolian Fault Zone: Preliminary Findings**
AKGÜN E., SOFTA M., AKSOY E., SÖZBİLİR H., ÇOLAK EROL S., TATAR O., KOÇBULUT F., YÜKSEL M., POYRAZ F., TIRYAKIOĞLU İ., et al.
75. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 10 April 2023
- VII. **Tuzla Fayı'nın Uzun Dönem Kayma Hızı ve Paleosismolojisi, İzmir, Batı Anadolu**
Öncü U., Sözbilir H., Özkaymak Ç., Sümer Ö., Softa M., Eski S., Şahiner E., Yüksel M., Meriç N., Topaksu M., et al.
Uluslararası Katılımlı 74. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 11 - 15 April 2022
- VIII. **İzmit Körfezi Kuvaterner Çökellerinin Optik Uyarmalı Luminesansla Tarihlendirilmesi / Optically Stimulated Luminescence Dating of the Quaternary Sediments in the Gulf of İzmit**

KALKAN B., NAZİK A., DOĞAN T., TOPAKSU M.

Uluslararası Katılımlı 22. Paleontoloji-Stratigrafi Çalıştayı 22sd Paleontology-Stratigraphy Workshop with international participant, Turkey, 28 - 30 October 2021, pp.84-85

IX. Palaeoseismic history of the Manisa Fault Zone, Western Anatolia

Duran İ., Sözbilir H., Eski S., Softa M., Uytun H., Yüksel M., Topaksu M.

International Workshop on Active Tectonics and Seismicity of the Aegean Region with Special Emphasis on the Samos Earthquake Struck on 30 October 2020 (ASASE2021), Ankara, Turkey, 20 - 21 May 2021, pp.35

X. Active tectonics and paleoseismology of seismic sources located on land in the vicinity of the city of İzmir, western Anatolia, Turkey

Sözbilir H., Özkaymak Ç., Sümer Ö., Softa M., Spencer J., Eski S., Tepe Ç., Şengöçmen Geçkin B., Öncü U., Şahiner E., et al.

International Workshop on Active Tectonics and Seismicity of the Aegean Region with Special Emphasis on the Samos Earthquake Struck on 30 October 2020 (ASASE2021), Ankara, Turkey, 20 - 21 May 2021, pp.6

XI. Investigation of integral dose in pelvic region using different planning treatment techniques

OĞUZ K. F., YAHŞİ ÇELEN Y., ERDURMUŞ TIRPANCİ B., YÜKSEL M., TOPAKSU M., EROĞLU ERMİŞ Ö.

International Conference on Radiation Applications (RAP 2019), Belgrad, Serbia And Montenegro, 16 - 19 September 2019, vol.1, no.1, pp.74

XII. TL Analyses on Filter Test Results of Synthesized Un-Doped and Doped Zn₂SiO₄ Phosphors for Dosimetry Purpose

Portakal Z. G., Akça S., Oğlakçı M., Kaynar Ü. H., Ayvaciıklı M., Yüksel M., Doğan T., Topaksu M., Can N.

2. ULUSLARARASI GAP MATEMATİK - MÜHENDİSLİK - FEN VE SAĞLIK BİLİMLERİ KONGRESİ, Adıyaman, Turkey, 21 - 23 June 2019, pp.37-45

XIII. TL Analyses on Filter Test Results of Synthesized Un-Doped And Doped Zn₂sio₄ Phosphors for Dosimetry Purposes

PORTAKAL Z. G., AKÇA S., oğlakçı m., KAYNAR Ü. H., AYVACIKLI M., YÜKSEL M., DOĞAN T., TOPAKSU M., can N.

2. ULUSLARARASI GAP MATEMATİK - MÜHENDİSLİK - FEN VE SAĞLIK BİLİMLERİ KONGRESİ, Adıyaman, Turkey, 21 - 23 June 2019, pp.37-45

XIV. TL Analyses on Filter Test Results of Synthesized Un-Doped and Doped Zn₂SiO₄ Phosphors for Dosimetry Purposes

Portakal Z. G., Akça S., Oğlakçı M., Kaynar Ü. H., Ayvaciıklı M., Yüksel M., Doğan T., Topaksu M., Can N.

2. ULUSLARARASI GAP MATEMATİK - MÜHENDİSLİK - FEN VE SAĞLIK BİLİMLERİ KONGRESİ, Adıyaman, Turkey, 21 - 23 June 2019, pp.9-10

XV. 2. Uluslararası GAP Matematik-Mühendislik-Fen ve Sağlık Bilimleri Kongresi

PORTAKAL Z. G., AKÇA S., OĞLAĞCI M., KAYNAR Ü. H., AYVACIKLI M., YÜKSEL M., DOĞAN T., TOPAKSU M., CAN N.

2. Uluslararası GAP Matematik-Mühendislik-Fen ve Sağlık Bilimleri Kongresi, Adıyaman, Turkey, 21 - 23 June 2019, pp.37-45

XVI. A Study on the Correction of the Trap Depth Value for Low Temperature TL Peak of Quartz

Yüksel M., Portakal Uçar Z. G., Akça S., Topaksu M.

3rd International Symposium on Innovative Approaches in Scientific Studies, Ankara, Turkey, 19 - 21 April 2019, vol.4, no.1, pp.351-353

XVII. A Study on the Correction of the Trap Depth Value for Low Temperature TL Peak of Quartz

YÜKSEL M., PORTAKAL Z. G., AKÇA S., TOPAKSU M.

3rd International Symposium on Innovative Approaches in Scientific Studies, Ankara, Turkey, 19 - 21 April 2019, vol.4, no.1, pp.351-353

XVIII. Thermoluminescence Response of Rare Earth Elements Doped Barium Aluminate Phosphors

TOPAKSU M., güvener e., AYVACIKLI M., KAYNAR Ü. H., DOĞAN T., BALCI YEGEN S., oğlakçı m., KARABULUT Y., CANIMOĞLU A., can N.

11th International Conference On Luminescence And ESR Dosimetry (LumiDoz-11), Gaziantep, Turkey, 5 - 09 September 2018, pp.65

XIX. Synthesis and Thermoluminescence Studies of Undoped NaBaB₃O₇ Phosphor

oğlakçı m., TOPAKSU M., can N., HALEFOĞLU Y. Z., DOĞAN T.

Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.406

- XX. **Synthesis and Thermoluminescence Studies of Undoped NaBaBO₃ Phosphor**
oğlakçı M., TOPAKSU M., Can N., HALEFOĞLU Y. Z., DOĞAN T.
Turkish Physical Society 34th International Physics Congress, Turkey, 5 - 09 September 2018
- XXI. **Effects of Doping Ions in Luminescence and Structural Properties of CaAl₂O₄:Eu²⁺,Nd³⁺ Nanophosphors Synthesized by Combustion Method**
HALEFOĞLU Y. Z., TOPAKSU M.
11th International Luminescence and ESR Dosimetry Congress, Turkey, 5 - 07 September 2018
- XXII. **Thermoluminescence properties of Sm³⁺ doped ZnB₂O₄ phosphors synthesized by low temperature chemical synthesis method**
Bulcar K., Doğan T., Akça S., Yüksel M., Ayvaci M., Karabulut Y., Küçük N., Canımoglu A., Can N., Topaksu M.
11th International Conference On Luminescence And ESR Dosimetry (LumiDoz-11), Gaziantep, Turkey, 5 - 07 September 2018, pp.36
- XXIII. **Natural Radioactivity Study of Soil Samples from Some Villages in Mersin**
YÜKSEL M., DOĞAN T., KOCAKOÇ M., AKÇA S., PORTAKAL Z. G., TOPAKSU M.
11th International Conference On Luminescence And ESR Dosimetry (LumiDoz-11), Gaziantep, Turkey, 5 - 07 September 2018, pp.39
- XXIV. **Natural Radioactivity Study of Soil Samples from Some Villages in Mersin**
Yüksel M., Doğan T., Kocakoç M., Akça S., Portakal Z. G., Topaksu M.
11th International Conference On Luminescence And ESR Dosimetry (LumiDoz-11), Gaziantep, Turkey, 5 - 07 September 2018, pp.39
- XXV. **Natural Radioactivity Concentration of Macroalgae, İskenderun**
DOĞAN T., YÜKSEL M., ALAGÖZ ERGÜDEN S., TOPAKSU M.
11th International Conference On Luminescence And ESR Dosimetry (LumiDoz-11), Gaziantep, Turkey, 5 - 07 September 2018, pp.47
- XXVI. **Effects of Doping Ions in Luminescence and Structural Properties of CaAl₂O₄: Eu²⁺, Nd³⁺ Nanophosphors Synthesized by Combustion Method**
HALEFOĞLU Y. Z., TOPAKSU M.
11th International Conference on Luminescence and ESR Dosimetry, Gaziantep, Turkey, 5 - 07 September 2018, pp.26
- XXVII. **The OSL dating of the terrace deposits of the main branch of the Seyhan River (Adana, Turkey)**
KARAOĞLAN F., ÇAN T., TOPAKSU M., YÜKSEL M., DOĞAN T.
11th International Conference On Luminescence And ESR Dosimetry (LumiDoz-11), Gaziantep, Turkey, 5 - 07 September 2018, pp.10
- XXVIII. **YİTİMLE İLİŞKİLİ PROSESLERİN TOROSLARDAKİ OFİYOLİTLER VE METAMORFİK DİLİMLERİN OLUŞUMUNA ETKİLERİ**
KARAOĞLAN F., ÇAN T., TOPAKSU M., YÜKSEL M., DOĞAN T.
71. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 23 - 27 April 2018, vol.1, pp.55-58
- XXIX. **BEYŞEHİR-HOYRAN NAPLARINDA (ORTA TOROSLAR) OFİYOLİTİK VE METAMORFİK DİLİM KAYALARININ U-Pb ve 40Ar-39Ar TERMOKRONOLOJİSİ VE JEOKİMYASI: OKYANUS İÇİ YİTİM, YİTİM GERİLEMESİ VE HIZLI SOĞUMAYA İLİŞKİN VERİLER**
KARAOĞLAN F., ÇAN T., TOPAKSU M., YÜKSEL M., DOĞAN T.
71. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 23 - 27 April 2018, vol.1, pp.723-726
- XXX. **BOLKAR DAĞLARININ YÜKSELİMİNİN APATİT FİZİYON İZİ TERMOKRONOLOJİSİ KULLANARAK BELİRLENMESİ**
KARAOĞLAN F., ÇAN T., TOPAKSU M., YÜKSEL M., DOĞAN T.
71. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 23 - 27 April 2018, vol.1, pp.379-380
- XXXI. **Thermoluminescence Heating Rate Behaviour of Zn(BO₂)₂:0.05Dy³⁺**
BALCI YEGEN S., YÜKSEL M., KÜÇÜK N., KARABULUT Y., AYVACIKLI M., CAN N., TOPAKSU M.
4th International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2018), Antalya, Turkey, 20 - 22 April 2018, pp.129

- XXXII. **Characterization of a natural tridymite by means of thermoluminescence and thermal x-ray diffraction**
BALCI YEGEN S., Boronat C., Garcia Guinea J., TOPAKSU M., Correcher V.
", International Conference on Condensed Matter and Material Science, 11 - 15 November 2017
- XXXIII. **Trap depth estimation of the 225 oC thermoluminescence maximum of natural tridymite using initial rise and various heating rate methods**
BALCI YEGEN S., Boronat C., Correcher V., Garcia Guinea J., TOPAKSU M.
Turkish Physical Society 33rd International Physics Congress, 6 - 10 September 2017
- XXXIV. **Evaluated P,D,T,3HE, and 4HE production cross-section data for natti irradiated neutrons at energies up to 3 GeV**
AKÇA S., Konobeyev A. Y., Fischer U., TOPAKSU M., TEL E.
Turkish Physical Society 33rd International Physics Congress, 6 - 10 September 2017
- XXXV. **Evaluated p, d, t, 3He, and 4He production cross-section data for natTi irradiated with neutrons at energies up to 3 GeV**
Akça S., Konobeyev A. Y., Fischer U., Topaksu M., Tel E.
Turkish Physical Society 33th International Physics Congress(TPS33), Muğla, Turkey, 6 - 10 September 2017, pp.448
- XXXVI. **Assessment of Non-Gaussian Diffusion-Weighted MRI: Comparing the use of different pulse sequences in high b-values**
PORTAKAL Z. G., SHERMER S., SPEZI E., TUNCEL N., TOPAKSU M., PHILLIPS J.
Türk Fizik Dernei 33. Uluslararası Fizik Kongresi, Muğla, Turkey, 6 - 10 September 2017, pp.427
- XXXVII. **Calculation of Activation Energy Using VHR Method for Low Temperature Peak of Gypsum Mineral**
DOĞAN T., YÜKSEL M., PORTAKAL Z. G., BALCI YEGEN S., AKÇA S., TOPAKSU M.
RAD 2017 Fifth International Conference on Radiation and Applications in Various Fields of Research, Budva, Montenegro, 12 - 16 June 2017, vol.5, pp.235
- XXXVIII. **Calculation of Activation Energy using various heating rate method for low temperature peak of gypsum mineral**
DOĞAN T., YÜKSEL M., PORTAKAL Z. G., BALCI YEGEN S., AKÇA S., TOPAKSU M.
Fifth International Conference on Radiation and Applications in Various Fields of Research (RAD2017), 12 - 16 June 2017
- XXXIX. **The Analysis of TL Kinetic Parameters of Apatite with CGCD method**
TOPAKSU M., YÜKSEL M., DOĞAN T., Karaman T., BALCI YEGEN S., AKÇA S., PORTAKAL Z. G.
Fifth International Conference on Radiation and Applications in Various Fields of Research (RAD2017), 12 - 16 June 2017
- XL. **Investigations of Thermoluminescence Dose Response Characteristics and Reusability Properties of Muscovite Mineral**
BALCI YEGEN S., AKÇA S., PORTAKAL Z. G., YÜKSEL M., DOĞAN T., PARLAK O., TOPAKSU M.
Fifth International Conference on Radiation and Applications in Various Fields of Research (RAD2017), 12 - 16 June 2017
- XLI. **Thermoluminescence (TL) Dose Response Characteristics and Resusability Properties of Natural Muscovite Mineral**
BALCI YEGEN S., AKÇA S., PORTAKAL Z. G., YÜKSEL M., DOĞAN T., PARLAK O., TOPAKSU M.
RAD 2017 Fifth International Conference on Radiation and Applications in Various Fields of Research, Budva, Montenegro, 12 - 16 June 2017, vol.5, pp.177
- XLII. **The Effects of Annealing on the Thermoluminescence Glow Peaks of Natural Muscovite Mineral**
Akça S., Portakal Z. G., Balcı Yegen S., Yüksel M., Doğan T., Parlak O., Topaksu M.
Fifth International Conference on Radiation and Applications in Various Fields of Research (RAD2017), Podgorica, Serbia And Montenegro, 12 - 16 June 2017, pp.261
- XLIII. **Calculation of activation energy using various heating rate method for low temperature peak of gypsum mineral**
Doğan T., Yüksel M., Portakal Z. G., Balcı Yegen S., Akça S., Topaksu M.

Fifth International Conference on Radiation and Applications in Various Fields of Research (RAD2017), Podgorica, Serbia And Montenegro, 12 - 16 June 2017, pp.232

- XLIV. **Calculation of activation energy using various heating rate method for low temperature peak of gypsum mineral**
DOĞAN T., YÜKSEL M., PORTAKAL Z. G., BALCI YEGEN S., AKÇA S., TOPAKSU M.
FIFTH INTERNATIONAL CONFERENCE ON RADIATION AND APPLICATIONS IN VARIOUS FIELDS OF RESEARCH, 12 - 16 June 2017, pp.232
- XLV. **Thermoluminescence Dose Response Characteristics and Reusability Properties of Muscovite Mineral**
BALCI YEGEN S., AKÇA S., PORTAKAL Z. G., YÜKSEL M., DOĞAN T., PARLAK O., TOPAKSU M.
FIFTH INTERNATIONAL CONFERENCE ON RADIATION AND APPLICATIONS IN VARIOUS FIELDS OF RESEARCH, 12 - 16 June 2017, pp.180
- XLVI. **Thermoluminescence (TL) dose response characteristics and reusability properties of natural muscovite mineral**
BALCI YEGEN S., AKÇA S., Portakal G. Z., YÜKSEL M., DOĞAN T., PARLAK O., TOPAKSU M.
RAD2017 Fifth International Conference on Radiation and applications in various fields of research, 12 - 16 June 2017, pp.177
- XLVII. **Thermoluminescence Dose Response Characteristics and Reusability Properties of Muscovite Mineral**
Balci Yegen S., Akça S., Portakal Z. G., Yüksel M., Doğan T., Parlak O., Topaksu M.
Fifth International Conference on Radiation and Applications in Various Fields of Research (RAD2017), Podgorica, Serbia And Montenegro, 12 - 16 June 2017, pp.177
- XLVIII. **Determination of Gamma-Emitting Radionuclides in Pistachio Samples from Southeastern Anatolia Region Turkey**
Portakal Z. G., Yüksel M., Doğan T., Balci Yegen S., Akça S., Goren E., Uğur F. A., Topaksu M.
Fifth International Conference on Radiation and Applications in Various Fields of Research (RAD2017), Podgorica, Serbia And Montenegro, 12 - 16 June 2017, pp.409
- XLIX. **Thermoluminescence Dose Response Characteristics and Reusability Properties of Muscovite Mineral**
BALCI YEGEN S., AKÇA S., PORTAKAL Z. G., YÜKSEL M., DOĞAN T., PARLAK O., TOPAKSU M.
FIFTH INTERNATIONAL CONFERENCE ON RADIATION AND APPLICATIONS IN VARIOUS FIELDS OF RESEARCH, 12 June - 16 July 2017, pp.180
- L. **Analysis of Thermoluminescence Kinetic Parameters of Apatite with CGCD Method**
Topaksu M., Yüksel M., Doğan T., Karaman T., Balci Yegen S., Akça S., Portakal Z. G.
Fifth International Conference on Radiation and Applications in Various Fields of Research (RAD2017), Podgorica, Serbia And Montenegro, 12 - 16 June 2017, pp.263
- LI. **A Preliminary Study of TL and OSL Traps for Aragonite mineral**
YÜKSEL M., DOĞAN T., PORTAKAL UÇAR Z. G., BALCI YEGEN S., AKÇA S., TOPAKSU M.
Fifth International Conference on Radiation and Applications in Various Fields of Research (RAD2017), Budva, Montenegro, 12 - 16 June 2017, pp.262
- LII. **Thermoluminescence Dose Response Characteristics and Reusability Properties of Natural Muscovite Mineral**
BALCI YEGEN S., AKÇA S., PORTAKAL Z. G., YÜKSEL M., DOĞAN T., PARLAK O., TOPAKSU M.
Fifth International Conference on Radiation and Applications in Various Fields of Research (RAD2017), Budva, Montenegro, 12 - 16 June 2017, pp.177
- LIII. **The Effects of Annealing on the Thermoluminescence Glow Peaks of Natural Muscovite Mineral**
AKÇA S., PORTAKAL Z. G., BALCI YEGEN S., YÜKSEL M., DOĞAN T., PARLAK O., TOPAKSU M.
FIFTH INTERNATIONAL CONFERENCE ON RADIATION AND APPLICATIONS IN VARIOUS FIELDS OF RESEARCH, 12 - 16 June 2017, pp.261
- LIV. **Thermoluminescence (TL) Dose Response Characteristics and Reusability Properties of Muscovite Mineral**

Balcı Yegen S., Akça S., Portakal Z. G., Yüksel M., Doğan T., Parlak O., Topaksu M.

Fifth International Conference on Radiation and Applications in Various Fields of Research (RAD2017), Podgorica, Serbia And Montenegro, 12 - 16 June 2017, pp.177

- LV. DETERMINATION OF GAMMA EMITTING RADIONUCLIDES IN PISTACHIO SAMPLES FROM SOUTHEASTERN ANATOLIA REGION, TURKEY**
PORTAKAL Z. G., YÜKSEL M., DOĞAN T., BALCI YEGEN S., AKÇA S., GÖREN E., UĞUR F. A., TOPAKSU M.
RAD2017 (FIFTH INTERNATIONAL CONFERENCE ON RADIATION AND APPLICATIONS IN VARIOUS FIELDS OF RESEARCH), 12 - 16 June 2017, pp.416
- LVI. Analysis of Thermoluminescence Kinetic Parameters of Apatite with CGCD Method**
TOPAKSU M., YÜKSEL M., DOĞAN T., KARAMAN T., BALCI YEGEN S., AKÇA S., PORTAKAL Z. G.
Fifth International Conference on Radiation and Applications in Various Fields of Research (RAD2017), 12 - 16 June 2017, pp.266
- LVII. The effects of annealing on the thermoluminescence glow peaks of the natural muscovite mineral**
AKÇA S., PORTAKAL Z. G., BALCI YEGEN S., YÜKSEL M., DOĞAN T., PARLAK O., TOPAKSU M.
RAD2017 Fifth International Conference on radiation and applications in various fields of research, Budva, Montenegro, 12 - 16 June 2017, pp.261
- LVIII. A Preliminary Study of TL and OSL Traps for the Aragonite Mineral**
Yüksel M., Doğan T., Portakal Z. G., Balcı Yegen S., Akça S., Topaksu M.
Fifth International Conference on Radiation and Applications in Various Fields of Research (RAD2017), Podgorica, Serbia And Montenegro, 12 - 16 June 2017, pp.262
- LIX. An overview of techniques for the detection of irradiated food**
CORRECHER V., BORONAT C., TOPAKSU M.
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2017), 10 - 12 May 2017
- LX. Preliminary results on dose response of serpentine mineral from Kızıldağ plateau in Karaisalı**
TOPAKSU M., DOĞAN T., BOZDAĞ E., AKÇA S., PORTAKAL Z. G., BALCI YEGEN S., PARLAK O., YÜKSEL M.
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2017), Adana, Turkey, 10 - 12 May 2017, pp.138
- LXI. Calculations of natural radioactivity levels in soil samples from Çukurova University campus, Turkey**
DOĞAN T., YÜKSEL M., TOPAKSU M.
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology, Adana, Turkey, 10 - 12 May 2017, vol.3, pp.119
- LXII. Radioactivity Investigation of Samples of Ünye Hill Yunus Emre**
KOCAKOÇ M., DOĞAN T., TOPAKSU M., YÜKSEL M.
Theoretical and Experimental Studies in Nuclear Applications and Technology-TESNAT, 10 - 12 May 2017
- LXIII. Measurements of radioactivity levels in soil samples from southeastern Anatolia region**
BALCI YEGEN S., PORTAKAL Z. G., AKÇA S., YÜKSEL M., DOĞAN T., GÖREN E., UĞUR F. A., TOPAKSU M.
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2017), Adana, Turkey, 10 - 12 May 2017, pp.120
- LXIV. Preliminary results on OSL dose response of serpentine mineral from Kızıldağ plateau in Karaisalı, Turkey**
Topaksu M., Doğan T., Bozdağ E., Akça S., Portakal Z. G., Balcı Yegen S., Parlak O., Yüksel M.
International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2017), Adana, Turkey, 10 - 12 May 2017, pp.138
- LXV. The effect of Eu dopant amount on the Characteristics of Thermoluminescence of Eu³⁺ doped CaO obtained from Sea Urchin Skeleton.**
Akça S., Balcı Yegen S., Portakal Z. G., Yücel A., Depçi T., Topaksu M.
International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2017), Adana, Turkey, 10 - 12 May 2017, pp.149
- LXVI. Samples Investigation Radioactivity of Ünye Hill Yunus Emre**
KOCAKOÇ M., DOĞAN T., TOPAKSU M., YÜKSEL M.

Theoretical and Experimental Studies in Nuclear Applications and Technology-TESNAT, Adana, Turkey, 10 - 12 May 2017, pp.141

- LXVII. **Preliminary study on natural radionuclide concentrations in some soil samples**
Yüksel M., Doğan T., Kocakoç M., Topaksu M.
Theoretical and Experimental Studies in Nuclear Applications and Technology-TESNAT-2017, Adana, Turkey, 10 - 12 May 2017, pp.118
- LXVIII. **Radioactivity investigation of samples of Unye Hill Yunus Emre**
KOKAKOÇ M., TOPAKSU M., DOĞAN T., YÜKSEL M.
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2017), Adana, Turkey, 10 - 12 May 2017, pp.127
- LXIX. **Thermoluminescence characteristics of SrAl₂O₄:Dy phosphor prepared by the solution combustion method**
Yüksel M., Halefoğlu Y. Z., Topaksu M.
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2017), Adana, Turkey, 10 - 12 May 2017, pp.152
- LXX. **Influence of Sintering Time on the Thermoluminescence Characteristics of Eu³⁺ doped CaO obtained from Sea-Urchin Skeleton: A Preliminary Study**
PORTAKAL Z. G., BALCI YEGEN S., AKÇA S., Yücel A., Depçi T., TOPAKSU M.
International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2017), Adana, Turkey, 10 - 12 May 2017, pp.168
- LXXI. **Influence of Sintering Time on the Thermoluminescence Characteristics of Eu³⁺ doped CaO obtained from Sea-Urchin Skeleton: A Preliminary Study**
Portakal Z. G., Balci Yegen S., Akça S., Yücel A., Depçi T., Topaksu M.
International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2017), Adana, Turkey, 10 - 12 May 2017, pp.154
- LXXII. **Measurements of Radioactivity Levels in Soil Samples from Southeastern Anatolia Region, Turkey**
BALCI YEGEN S., PORTAKAL Z. G., AKÇA S., YÜKSEL M., DOĞAN T., Goren E., Ugur F., TOPAKSU M.
International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2017), Adana, Turkey, 10 - 12 May 2017, pp.134
- LXXIII. **Radioecological Analysis of Ünye Curi Beach and Gölevi Neighbourhood**
Kocakoç M., Doğan T., Topaksu M., Yüksel M.
Theoretical and Experimental Studies in Nuclear Applications and Technology-TESNAT, Adana, Turkey, 10 - 12 May 2017, pp.128
- LXXIV. **Radioecological analysis of Unye Curi beach and Golevi neighbourhood**
KOKAKOÇ M., DOĞAN T., TOPAKSU M., YÜKSEL M.
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2017), Adana, Turkey, 10 - 12 May 2017, pp.128
- LXXV. **Preliminary results on OSL dose response of serpentine mineral from Kızıldağ plateau in Karaisalı, Turkey**
TOPAKSU M., DOĞAN T., BOZDAĞ ÖZENSOY E., AKÇA S., PORTAKAL Z. G., BALCI YEGEN S., PARLAK O., YÜKSEL M.
International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2017), Adana, Turkey, 10 - 12 May 2017, pp.138
- LXXVI. **Preliminary results on OSL dose response of serpentine mineral from Kızıldağ plateau in Karaisalı, Turkey**
TOPAKSU M., DOĞAN T., BOZDAĞ ÖZENSOY E., AKÇA S., PORTAKAL Z. G., BALCI YEGEN S., PARLAK O., YÜKSEL M.
International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2017), Adana, Turkey, 10 - 12 May 2017, pp.138
- LXXVII. **Preliminary results on dose response of serpentine mineral from Kızıldağ plateau in Karaisalı, Turkey**
Topaksu M., Doğan T., Bozdağ E., Akça S., Portakal Z. G., Balci Yegen S., Parlak O., Yüksel M.
International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology

(TESNAT 2017), Adana, Turkey, 10 - 12 May 2017, pp.138

- LXXXVIII. **Calculations of natural radioactivity levels in soil samples from Çukurova University campusi Turkey**
DOĞAN T., TOPAKSU M., YÜKSEL M.
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology
(TESNAT2017), Adana, Turkey, 10 - 12 May 2017, pp.119
- LXXXIX. **Measurements of radioactivity levels in soil samples from southeasternAnatolia region, Turkey**
Balcı Yegen S., Portakal Z. G., Akça S., Yüksel M., Doğan T., Goren E., Uğur F. A., Topaksu M.
International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology
(TESNAT 2017), Adana, Turkey, 10 - 12 May 2017, pp.120
- LXXX. **Production and Testing of TL Dosimeters as an Ionizing Radiation Sensor**
Yüksel M., Doğan T., Topaksu M.
4th International Conference on Advanced Technology & Sciences (ICAT"Rome), Rome, Italy, 23 - 25 November
2016, pp.298-301
- LXXXI. **PROSTAT BRAKİTERAPİSİNDE HEDEF HACİM TANIMININ İYİLEŞTİRİLMESİ AMACIYLA İLERİ
GÖRÜNTÜLEME TEKNİKLERİNİN OPTİMİZASYONU**
PORTAKAL Z. G., PHILLIPS J., SHERMER S., SPEZI E., TUNCEL N., TOPAKSU M.
NBTK 2016, Turkey, 12 - 14 October 2016
- LXXXII. **51V, 59Co, 62Ni, 93Nb ve 107,109Ag yapısal malzemeleri için (α ,n) reaksiyon tesir kesitlerinin
hesaplanması**
AKÇA ÖZALP S., TEL E., TOPAKSU M.
XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Kuşadası, Aydın, Turkey, 12 - 14 October 2016, pp.146
- LXXXIII. **Calculation of Trap Parameters on Metamorphic Quartzite**
DOĞAN T., YÜKSEL M., TOPAKSU M.
10th International Conference on Luminescence and ESR Dosimetry (LumiDoz-10), 5 - 07 September 2016
- LXXXIV. **Thermoluminescence Dose Response Study of Unannealed Borax for High Doses**
YÜKSEL M., DOĞAN T., TOPAKSU M., YEĞİNGİL Z.
Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.393
- LXXXV. **Beta Dose Response of Ag Doped-Sodium Tetra Borate**
YÜKSEL M., YEĞİNGİL Z., DOĞAN T., TOPAKSU M.
Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.409
- LXXXVI. **Magnetic susceptibility of Mn and Gd Co-Substituted ZnO Bulk Compounds**
EKİCİBİL A., Bulcar K., AKYOL M., AKÇA G., Ayaş A. O., EKİCİBİL A., TOPAKSU M.
Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, vol.1, no.1,
pp.346
- LXXXVII. **Dose Response of Apatite Mineral for Beta Doses**
Karaman T., TOPAKSU M., YÜKSEL M., DOĞAN T.
10th International Conference on Luminescence and ESR Dosimetry, Adana, Turkey, 5 - 07 September 2016, pp.55
- LXXXVIII. **Calculation of Trap Parameters on Metamorphic Quartz**
DOĞAN T., YÜKSEL M., TOPAKSU M.
10th International Conference on Luminescence and ESR Dosimetry, Adana, Turkey, 5 - 07 September 2016, pp.94
- LXXXIX. **Synthesis and Thermoluminescence Characterization of CaSO₄:Nd**
YÜKSEL M., DOĞAN T., PORTAKAL Z. G., TOPAKSU M.
10th International Conference on Luminescence and ESR Dosimetry, Adana, Turkey, 5 - 07 September 2016, pp.23
- XC. **Radioecological Analysis of Samsun-Ordu Highway Soil Samples**
KOCAKOÇ M., YÜKSEL M., DOĞAN T., TOPAKSU M., UĞUR F. A.
10th International Conference on Luminescence and ESR Dosimetry, Adana, Turkey, 5 - 07 September 2016, pp.59
- XCI. **LUMINESCENCE STUDY OF Nd DOPED CaSO₄**
YÜKSEL M., PORTAKAL Z. G., DOĞAN T., TOPAKSU M.
RAD 2016 Conference, 23 - 27 May 2016
- XCII. **Determination of Natural Calcium Fluorite Trap Depths**
Topaksu M., Yüksel M., Doğan T.

Fourth International Conference on Radiation and Applications in Various Fields of Research (RAD2016), Podgorica, Serbia And Montenegro, 23 - 27 May 2016, pp.187

XCIII. Luminescence Study of Neodymium-Doped Calcium Sulfate

YÜKSEL M., PORTAKAL Z. G., DOĞAN T., TOPAKSU M.

Fourth International Conference on Radiation and Applications in Various Fields of Research (RAD2016), Niş, Serbia And Montenegro, 23 - 27 May 2016, pp.181

XCIV. Determination of TL Kinetic Parameters and Linear Attenuation Coefficient of Etibor 68

Yüksel M., Sağsöz M. E., Doğan T., Topaksu M., Durak R.

International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2016), Hatay, Turkey, 28 - 30 April 2016, pp.129

XCv. An Initial Study of Developing a TL Glow Curve Deconvolution Application

Yüksel M., Ünsal E., Doğan T., Topaksu M.

International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2016), Hatay, Turkey, 28 - 30 April 2016, pp.128

XCvI. Radioecological Analysis of Ünye Soil Samples

Kocakoç M., Yüksel M., Doğan T., Topaksu M., Uğur F. A.

International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2016), Hatay, Turkey, 28 - 30 April 2016, pp.118

XCvII. The investigation of the (γ,n) reaction cross-sections for $^{41}\text{A}^{209}$ target nuclei

Akça S., Tel E., Topaksu M.

International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2016), Hatay, Turkey, 28 - 30 April 2016, pp.109

XCvIII. The cross-section calculations of neutron emission of alpha induced on ^{63}Cu , $^{64,66,68}\text{Zn}$, $^{92,94}\text{Mo}$ and ^{114}Cd

Akça S., Tel E., Topaksu M.

International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2016), Hatay, Turkey, 28 - 30 April 2016, pp.107

XCIX. Determination of Aragonite Kinetic Parameters Using CGCD

DOĞAN T., YÜKSEL M., TOPAKSU M.

International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2016), Hatay, Turkey, 28 - 30 April 2016, pp.130

C. Preliminary Results on Dose Response of Serpentinite Mineral

Topaksu M., Bozdağ Özensoy E., Doğan T., Yüksel M., Akça S., Portakal Z. G., Balci Yegen S., Parlak O.

International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2016), Hatay, Turkey, 28 - 30 April 2016, pp.131

CI. Preliminary Results on Dose Response of Serpentinite Mineral

TOPAKSU M., BOZDAĞ E., DOĞAN T., YÜKSEL M., AKÇA S., PORTAKAL Z. G., BALCI YEGEN S., PARLAK O.

International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2016), Hatay, Turkey, 28 - 30 April 2016, pp.131

CII. Preliminary Results on Dose Response of Serpentinite Mineral

TOPAKSU M., BOZDAĞ ÖZENSOY E., DOĞAN T., YÜKSEL M., AKÇA S., PORTAKAL Z. G., BALCI YEGEN S., PARLAK O.

International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2016), Hatay, Turkey, 28 - 30 April 2016, pp.131

CIII. Preliminary Results on Dose Response of Serpentinite Mineral

TOPAKSU M., BOZDAĞ ÖZENSOY E., DOĞAN T., YÜKSEL M., AKÇA S., PORTAKAL Z. G., BALCI YEGEN S., PARLAK O.

International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2016), Hatay, Turkey, 28 - 30 April 2016, pp.131

CIV. Excitation functions of H and He gas production cross-sections of ^{208}Pb irradiated with proton up to 200 MeV

Akça S., Tel E., Topaksu M.

International Vacuum Workshop, Afyonkarahisar, Turkey, 28 - 30 March 2016, pp.193

- CV. **Determination of Linear Attenuation Coefficients of Some Dosimetric Materials**
SAĞSÖZ M. E., YÜKSEL M., KORKUT Ö., AKTAŞ S., DOĞAN T., TOPAKSU M., DURAK R.
International Physics Conference at the Anatolian Peak (IPCAP2016), Erzurum, Turkey, 25 - 27 February 2016, pp.288
- CVI. **Lüminesans Özellik Gösteren Dozimetrik Malzemelerin Üretimi Sanayisinin Geliştirilmesi ve Karşılaşılan Problemler**
Yüksel M., Doğan T., Topaksu M.
1. Ulusal Radyasyondan Korunma Kongresi, Ankara, Turkey, 19 - 21 November 2015, pp.35
- CVII. **Determination of trap parameters using peak shape method in quartz**
Doğan T., Yüksel M., Topaksu M.
The 9th International Conference on Luminescence and ESR Dosimetry (LumiDoz9), Antalya, Turkey, 2 - 04 September 2015, pp.72
- CVIII. **Dosimetric Characteristics of Anhydrous Borax**
YÜKSEL M., YEĞİNGİL Z., TOPAKSU M., DOĞAN T., ÖZGER KAVAK A. G., ÖZDEMİR A.
THE 9TH INTERNATIONAL CONFERENCE ON LUMINESCENCE AND ESR DOSIMETRY, Antalya, Turkey, 2 - 04 September 2015, pp.27
- CIX. **EQUILIBRIUM AND PRE-EQUILIBRIUM CROSS-SECTION CALCULATIONS FOR SOME TARGET NUCLEI IRRADIATED WITH ALPHA**
Akça S., Tel E., Topaksu M.
The 9th International Conference on Luminescence and ESR Dosimetry (LUMIDOZ9), Antalya, Turkey, 2 - 04 September 2015, pp.70
- CX. **Dosimetric Characteristics of Anhydrous Borax**
YÜKSEL M., YEĞİNGİL Z., TOPAKSU M., DOĞAN T., ÖZGER KAVAK A. G., ÖZDEMİR A.
THE 9TH INTERNATIONAL CONFERENCE ON LUMINESCENCE AND ESR DOSIMETRY, Antalya, Turkey, 2 - 04 September 2015, pp.27
- CXI. **Investigation of Thermoluminescence Glow Peaks of Natural Apatite Crystal**
TOPAKSU M., Karaman T., YÜKSEL M., DOĞAN T., KARAOĞLAN F., ŞİMŞEK E.
THE 9TH INTERNATIONAL CONFERENCE ON LUMINESCENCE AND ESR DOSIMETRY, Antalya, Turkey, 2 - 04 September 2015, pp.61
- CXII. **THERMOLUMINESCENCE GLOW CURVE PROPERTIES OF TLD-500 DOSIMETER**
YÜKSEL M., PORTAKAL Z. G., DOĞAN T., TOPAKSU M., ÜNSAL E.
RAD 2015: THE THIRD INTERNATIONAL CONFERENCE ON RADIATION AND APPLICATIONS IN VARIOUS FIELDS OF RESEARCH, Budva, 8 - 12 June 2015, pp.387-392
- CXIII. **Thermoluminescence Glow Curve Properties of TLD-500 Dosimeter**
Yüksel M., Portakal Z. G., Doğan T., Topaksu M., Ünsal E.
Third International Conference on Radiation and Applications in Various Fields of Research (RAD2015), Podgorica, Serbia And Montenegro, 8 - 12 June 2015, pp.387-392
- CXIV. **Effect of Heating Rate on Thermoluminescence of La-doped Zinc Borate**
TOPAKSU M., Küçük N., YÜKSEL M., DOĞAN T.
Third International Conference on Radiation and Applications in Various Fields of Research (RAD2015), 8 - 12 June 2015, pp.143
- CXV. **Thermoluminescence Glow Curve Properties of TLD-500 Dosimeter**
YÜKSEL M., PORTAKAL Z. G., DOĞAN T., TOPAKSU M., ÜNSAL E.
Third International Conference on Radiation and Applications in Various Fields of Research (RAD2015), 8 - 12 June 2015, pp.142
- CXVI. **Effect of Heating Rate on Thermoluminescence of La-doped Zinc Borate**
TOPAKSU M., Küçük N., YÜKSEL M., DOĞAN T.
Third International Conference on Radiation and Applications in Various Fields of Research (RAD2015), 8 - 12 June 2015, pp.143
- CXVII. **Optically Stimulated Luminescence (OSL) Properties of Oltu Stone**
DOĞAN T., YÜKSEL M., TOPAKSU M.

International Workshop on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2015), Osmaniye, Turkey, 23 - 26 April 2015, pp.119

CXVIII. Optical Stimulated Luminescence (OSL) Properties of Oltu Stone

DOĞAN T., YÜKSEL M., TOPAKSU M.

Theoretical and Experimental Studies in Nuclear Applications and Technology, Osmaniye, Turkey, 23 - 26 April 2015, pp.119

CXIX. A Preliminary Thermoluminescence Study of CaSO₄

YÜKSEL M., PORTAKAL Z. G., DOĞAN T., TOPAKSU M.

International Workshop on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2015), Osmaniye, Turkey, 23 - 26 April 2015, vol.-, pp.62

CXX. THERMOLUMINESCENCE GLOW CURVE PROPERTIES OF TLD-500 DOSIMETER

Yüksel M., Portakal Z. G., Doğan T., Topaksu M., Unsal E.

3rd International Conference on Radiation and Applications in Various Fields of Research (RAD), Budva, MONTENEGRO, 8 - 12 June 2015, pp.387-392

CXXI. Mangan (Mn) katkılı Lityumborat'ın (Li₂B₄O₇:Mn) lüminesans özelliklerinin incelenmesi ve termolüminesans dozimetresi olarak kullanımı

Özdemir A., YEĞİNGİL Z., NUR N., KURT K., YÜKSEL M., DOĞAN T., TOPAKSU M.

LumiDoz-8 International Conference on Luminescence and ESR Dosimetry, Ankara, Turkey, 27 - 29 August 2014, pp.70

CXXII. Mangan Mn Katkılı Lityumborat ın Li₂B₄O₇ Mn Lüminesans Özelliklerinin İncelenmesi Ve Termolüminesans Dozimetresi Olarak Kullanımı

ÖZDEMİR A., YEĞİNGİL Z., NUR N., KURT K., YÜKSEL M., DOĞAN T., TOPAKSU M.

8. Uluslararası Lüminesans ve ESR Dozimetri Kongresi (LumiDoz 8), Ankara, Turkey, 27 - 29 August 2014, pp.86

CXXIII. Tavlamanın Dozimetrik Tepeler Üzerine Etkisine Bir Örnek İspanya Metamorfik Kuvarısı

DOĞAN T., YÜKSEL M., TOPAKSU M., YEĞİNGİL Z.

8. Uluslararası Lüminesans ve ESR Dozimetri Kongresi (LumiDoz 8), Ankara, Turkey, 27 - 29 August 2014, pp.77

CXXIV. Thermoluminescence characteristics of Zn(B₂O₃)₂:Ce⁺³ under B-ray irradiation

Küçük N., Küçük İ., YÜKSEL M., TOPAKSU M.

8. Uluslararası Lüminesans ve ESR Dozimetri Kongresi (LumiDoz 8), Ankara, Turkey, 27 - 29 August 2014, pp.58

CXXV. MANGAN (Mn) KATKILI LİTYUMBORAT'IN (Li₂B₄O₇:Mn) LÜMİNESANS ÖZELLİKLERİNİN İNCELENMESİ VE TERMOLÜMİNESANS DOZİMETRESİ OLARAK KULLANIMI

ÖZDEMİR A., YEĞİNGİL Z., NUR N., KURT K., YÜKSEL M., DOĞAN T., TOPAKSU M.

8. Uluslararası Lüminesans ve ESR Dozimetri Kongresi (LumiDoz 8), Ankara, Turkey, 27 - 29 August 2014, pp.86

CXXVI. Tavlamanın Dozimetrik Tepeler Üzerine Etkisine Bir Örnek İspanya Metamorfik Kuvarısı

DOĞAN T., YÜKSEL M., TOPAKSU M., YEĞİNGİL Z.

8. Uluslararası Lüminesans ve ESR Dozimetri Kongresi (LumiDoz 8), Ankara, Turkey, 27 - 29 August 2014, pp.77

CXXVII. MANGAN (Mn) KATKILI LİTYUMBORAT'IN (Li₂B₄O₇:Mn) LÜMİNESANS ÖZELLİKLERİNİN İNCELENMESİ VE TERMOLÜMİNESANS DOZİMETRESİ OLARAK KULLANIMI

ÖZDEMİR A., YEĞİNGİL Z., NUR N., KURT K., YÜKSEL M., DOĞAN T., TOPAKSU M.

8. Uluslararası Lüminesans ve ESR Dozimetri Kongresi (LumiDoz 8), Ankara, Turkey, 27 - 29 August 2014, pp.86

CXXVIII. Türkiye Orjinli Doğal Oniks Taşının Termolüminesans (TL) Özelliklerinin İncelenmesi

DOĞAN T., TOKTAMIŞ H., YÜKSEL M., TOPAKSU M., YAZICI A. N.

Turkish Physical Society 31st International Physics Congress, Bodrum, Turkey, 21 - 24 July 2014, pp.440

CXXIX. Doğal Kuvars Mineralinin Termolüminesans (TL) Özelliklerine Tavlamanın Etkisi

YÜKSEL M., TOPAKSU M., DOĞAN T., YEĞİNGİL Z.

Turkish Physical Society 31st International Physics Congress, Bodrum, Turkey, 21 - 24 July 2014, pp.466

CXXX. DOĞAL KUVARS MİNERALİNİN TERMOLÜMİNESANS (TL) ÖZELLİKLERİNE TAVLAMANIN ETKİSİ

YÜKSEL M., TOPAKSU M., DOĞAN T., YEĞİNGİL Z.

31. Uluslararası Fizik Kongresi, Muğla, Turkey, 21 - 24 July 2014, pp.466

CXXXI. Türkiye Orijinli Doğal Oniks Taşının Termolüminesans (TL) Özelliklerinin İncelenmesi

Doğan T., Toktamış H., Yüksel M., Topaksu M., Yazıcı N.

- 31.Uluslararası Fizik Kongresi, Muğla, Turkey, 21 - 24 July 2014, pp.440
- CXXXII. **DOĞAL KUVERS MİNERALİNİN TERMOLÜMİNESANS (TL) ÖZELLİKLERİNE TAVLAMANNIN ETKİSİ**
YÜKSEL M., TOPAKSU M., DOĞAN T., YEĞİNGİL Z.
31. Uluslararası Fizik Kongresi, Muğla, Turkey, 21 - 24 July 2014, pp.466
- CXXXIII. **TÜRKİYE ORJİNLİ DOĞAL ONİKS TAŞININ TERMOLÜMİNESANS (TL) ÖZELLİKLERİNİN İNCELENMESİ**
DOĞAN T., TOKTAMIŞ H., YÜKSEL M., TOPAKSU M., YAZICI A. N.
Türk Fizik Derneği 31. Uluslararası Fizik Kongresi, Muğla, Turkey, 21 - 24 July 2014, pp.440
- CXXXIV. **Determination of Thermoluminescence Kinetic Parameters of ZnB₂O₄:La Phosphors**
Küçük N., Gözel A. H., TOPAKSU M., YÜKSEL M.
International Congress in Honour of Professor Ravi P. Agarwal, Bursa, Turkey, 23 - 26 June 2014, pp.218
- CXXXV. **Türkiye ve İspanya Kaynaklı Metamorfik Kuvarların Beta Doz Yanıtlarının Karşılaştırılması**
YÜKSEL M., TOPAKSU M., YEĞİNGİL Z., KURT K., DOĞAN T., NUR N., PORTAKAL Z. G.
Lüminesans Dozimetri 7 Ulusal Bilimsel Toplantı (LUMIDOZ7), Isparta, Turkey, 10 - 12 September 2013, pp.44
- CXXXVI. **Türkiye ve İspanya Kaynaklı Metamorfik Kuvarların Beta Doz Yanıtlarının Karşılaştırılması**
YÜKSEL M., TOPAKSU M., YEĞİNGİL Z., KURT K., DOĞAN T., NUR N., PORTAKAL Z. G.
Lüminesans Dozimetri 7 Ulusal Bilimsel Toplantı (LUMIDOZ7), Isparta, Turkey, 10 - 12 September 2013, pp.44
- CXXXVII. **Türkiye ve İspanya Kaynaklı Metamorfik Kuvarların Beta Doz Yanıtlarının Karşılaştırılması**
YÜKSEL M., TOPAKSU M., YEĞİNGİL Z., KURT K., DOĞAN T., NUR N., PORTAKAL Z. G.
Lüminesans Dozimetri 7 Ulusal Bilimsel Toplantı (LUMIDOZ7), Isparta, Turkey, 10 - 12 September 2013, pp.44
- CXXXVIII. **Doğu Anadolu Fay Sistemi (DAFS) Türkoğlu-Antakya Segmentinin Paleosismolojisinin Termolüminesans (TL)/ Optiksel Uyarılmayla Lüminesans (OSL) Yöntemleriyle Çalışılması: Ön Sonuçlar**
ÇETİN H., YEĞİNGİL Z., Duygun F., DOĞAN T., TOPAKSU M., Yeğingil İ.
Aktif Tektonik Araştırma Grubu, 11. Toplantısı (ATAG-11), Kocaeli, Turkey, 8 - 09 November 2010, pp.56
- CXXXIX. **Termolüminesans (TL) ve Optiksel Uyarılmayla Lüminesans (OSL) Tarihlendirme Yöntemlerinin Paleosismolojik Uygulamaları: Doğu Anadolu Fay Sistemi (DAFS)**
DOĞAN T., YEĞİNGİL Z., ÇETİN H., TOPAKSU M., duygun f., YEĞİNGİL İ.
Lüminesans Dozimetri Kongresi (LUMİDOZ-IV), Gaziantep, Turkey, 20 - 22 September 2010, pp.18
- CXL. **Doğal Kuvars Mineralinin Termolüminesans (TL) Özellikleri ve Kinetik Parametrelerinin Belirlenmesi**
Akkaya R., TOPAKSU M., YÜKSEL M., DOĞAN T., TOPAK Y., YEĞİNGİL Z.
Lüminesans Dozimetri 4 Ulusal Bilimsel Toplantı (LUMIDOZ4), Gaziantep, Turkey, 20 - 22 September 2010, pp.13
- CXLI. **Doğal Kuvars Mineralinin Termolüminesans (TL) Özellikleri ve Kinetik Parametrelerinin Belirlenmesi**
Akkaya R., TOPAKSU M., YÜKSEL M., DOĞAN T., TOPAK Y., YEĞİNGİL Z.
Lüminesans Dozimetri 4 Ulusal Bilimsel Toplantı (LUMIDOZ4), Gaziantep, Turkey, 20 - 22 September 2010, pp.13
- CXLII. **Orta Anadolu Fluoritlerinin (CaF₂) Termolüminesans (TL) Işıma Tepelerine Tavlamanın Etkisi**
YÜKSEL M., TOPAKSU M., Yazıcı A. N., YEĞİNGİL Z., DOĞAN T.
Lüminesans Dozimetri 2 Ulusal Bilimsel Toplantı (LUMIDOZ2), Manisa, Turkey, 21 - 23 August 2008
- CXLIII. **Orta Anadolu Fluoritlerinin (CaF₂) Termolüminesans (TL) Işıma Tepelerine Tavlamanın Etkisi**
YÜKSEL M., TOPAKSU M., Yazıcı A. N., YEĞİNGİL Z., DOĞAN T.
Lüminesans Dozimetri 2 Ulusal Bilimsel Toplantı (LUMIDOZ2), Manisa, Turkey, 21 - 23 August 2008
- CXLIV. **Kubadabad Seramik ve Çinilerinin Analiz Sonuçları**
Topaksu M., Yeğingil Z., SAKARYA N., Arık R., Ukav İ., Kurt K.
25. Uluslararası Arkeometri ve Kazı Sonuçları Sempozyumu, Adana, Turkey, 26 - 28 May 2003, pp.12

Supported Projects

Aksoy E., Tatar O., Softa M., Solak H. İ., Yüksel M., Akgün E., Tiryakioğlu İ., Koçbulut F., Çolak Erol S., Sözbilir H., et al., TUBİTAK Project, Doğu Anadolu Fay Zonu'nun (DAFZ) Erkenek ve Sürgü Segmentlerinin Deprem Davranışının Çok Disiplinli Yöntemlerle İncelenmesi, 2022 - 2025

Özkaymak Ç., Tatar O., Sözbilir H., Koçbulut F., Softa M., Yüksel M., Topaksu M., TUBİTAK Project, İzmir İl Sınırları

İçerisinde Yer Alan Holosen-Kuvaterner Yaşlı Fayların Paleosismolojisi, 2021 - 2024

TOPAKSU M., SONSUZ M., Project Supported by Higher Education Institutions, Katkısız ve Eu3 katkılı LaBO3 Kristallerinin Termolüminesans Özellikleri, 2021 - 2022

Oğuz K. F., Yüksel M., Erdurmuş Tırpancı B., Ünal Karabey A., Topaksu M., Aksu M. G., Sarper E. B., Özkan G., Çelik D., Ay Ö., et al., Project Supported by Higher Education Institutions, Kemik metastazlı hastalara uygulanan Stereotaktik Vücut Radyoterapi Uygulamalarının Alderson Rando Fantom Üzerinde TLD Yardımıyla Araştırılması, 2019 - 2022

Oğuz K. F., Yüksel M., Erdurmuş Tırpancı B., Ünal Karabey A., Topaksu M., Aksu M. G., Sarper E. B., Özkan G., Çelik D., Ay Ö., Project Supported by Higher Education Institutions, İnhojen Dokularda Stereotaktik Vücut Radyoterapi Uygulamalarının in vivo ortamda TLD yardımıyla araştırılması, 2019 - 2022

TOPAKSU M., Project Supported by Higher Education Institutions, Termolüminesans Optiksel Uyarılmayla Lüminesans Tarihlandırma Laboratuvarının Altyapısının Geliştirilmesi, 2020 - 2021

PORTAKAL UÇAR Z. G., AYVACIKLI M., OĞLAKÇI M., KAYNAR Ü. H., TOPAKSU M., YÜKSEL M., DOĞAN T., CAN N., AKÇA S., Project Supported by Higher Education Institutions, Nadir Toprak Elementi Katkılı Zn₂SiO₄ Fosforunun Dozimetrik Özelliklerinin TL Yöntemiyle Belirlenmesi, 2019 - 2021

DOĞAN T., CORRECHER V., TOPAKSU M., Project Supported by Higher Education Institutions, Pomza mineralinin dozimetrik özellikleri üzerinde tavlamanın etkisi, 2018 - 2021

AKÇA ÖZALP S., TOPAKSU M., PORTAKAL Z. G., HALEFOĞLU Y. Z., YÜKSEL M., OĞLAKÇI M., Project Supported by Higher Education Institutions, Dolomit Mineralinin Termolüminesans (TL) Özelliklerinin İncelenmesi, 2018 - 2021

TOPAKSU M., Oğlakçı M., Project Supported by Higher Education Institutions, Saf ve Nadir Toprak Elementi Katkılanmış NaBaBO₃'ün Sentezi ve Lüminesans Çalışması, 2017 - 2021

TOPAKSU M., KARAMAN T., DOĞAN T., YÜKSEL M., Project Supported by Higher Education Institutions, Doğal Apatit Mineralinin Termolüminesans (TL), Optiksel Uyarılmayla Lüminesans (OSL) ve Elektron Spin Rezonans (ESR) Yöntemleriyle İncelenmesi, 2014 - 2021

Topaksu M., Karaman T., Yüksel M., Doğan T., Project Supported by Higher Education Institutions, Doğal Apatit Mineralinin Termolüminesans TL Optiksel Uyarılmayla Lüminesans OSL ve Elektron Spin Rezonans ESR Yöntemleriyle İncelenmesi, 2014 - 2021

TOPAKSU M., Yazan H., Project Supported by Higher Education Institutions, Neodimyum Nd ve Seryum Ce Katkılı CaF₂'in Termolüminesans Özelliklerinin Belirlenmesi, 2018 - 2020

KARAOĞLAN F., DOĞAN T., YÜKSEL M., TOPAKSU M., ÇAN T., Project Supported by Higher Education Institutions, Seyhan Nehri Eski Taraçalarının OSL Yöntemi ile Tarihlandırılması, 2017 - 2019

AKYÜZ A., TOPAKSU M., KARAKILÇIK M., Project Supported by Higher Education Institutions, UZAYMER 'in altyapısını geliştirme, 2016 - 2018

TOPAKSU M., PARLAK O., BALCI YEGEN S., PORTAKAL Z. G., YÜKSEL M., AKÇA S., DOĞAN T., Project Supported by Higher Education Institutions, Muskovit Mineralinin Termolüminesans(TL) Özelliklerinin İncelenmesi, 2016 - 2018

TOPAKSU M., YÜKSEL M., Project Supported by Higher Education Institutions, Bilim İnsanı Yetiştirme ve Destekleme Projesi (Yayın Teşvik), 2016 - 2018

YÜKSEL M., DOĞAN T., TOPAKSU M., Project Supported by Higher Education Institutions, Thermoluminescence kinetic parameters of different amount La-doped ZnB₂O₄, 2015 - 2018

TOPAKSU M., DOĞAN T., YÜKSEL M., Project Supported by Higher Education Institutions, Termolüminesans ve Optik Uyarılmalı Lüminesans (TL/OSL) Yöntemlerine Dayalı Bir Tarihlandırma Laboratuvarı Kurulması, 2015 - 2018

DOĞAN T., YÜKSEL M., ALAGÖZ ERGÜDEN S., TOPAKSU M., Project Supported by Higher Education Institutions, Türkiye'nin Kuzeydoğu Akdeniz (Mersin ve İskenderun) Sahillerinde Bulunan Bazı Makroalg Türlerinin Doğal Radyoaktivite ve Ağır Metal Konsantrasyonlarının Ölçülmesi, 2015 - 2018

Doğan T., Yüksel M., Topaksu M., Alagöz Ergüden S., Project Supported by Higher Education Institutions, Türkiye'nin Kuzeydoğu Akdeniz Mersin ve İskenderun Sahillerinde Bulunan Bazı Makroalg Türlerinin Doğal Radyoaktivite ve Ağır Metal Konsantrasyonlarının Ölçülmesi, 2015 - 2018

YÜKSEL M., TOPAKSU M., DOĞAN T., AKÇA S., UĞUR F. A., PORTAKAL Z. G., Project Supported by Higher Education Institutions, Tarsus İlçesinin Doğal Radyoaktivitesinin Belirlenmesi ve İzo-radyoaktivite Haritasının Çıkarılması, 2015 - 2018

Yüksel M., Topaksu M., Doğan T., Portakal Uçar Z. G., Uğur F. A., Akça Özalp S., Project Supported by Higher Education Institutions, Tarsus İlçesinin Doğal Radyoaktivitesinin Belirlenmesi ve İzo radyoaktivite Haritasının Çıkarılması, 2015 -

2018

TOPAKSU M., YÜKSEL M., AKÇA S., DOĞAN T., PARLAK O., Project Supported by Higher Education Institutions, Serpantin Mineralinin Karakterizasyonu ve Lüminesans Özellikleri, 2015 - 2018

TOPAKSU M., PORTAKAL Z. G., Project Supported by Higher Education Institutions, Gel-Phantom Study for Target Volume Optimization in HDR and/or LDR Brachytherapy Using Advanced Imaging Techniques, 2014 - 2018

TOPAKSU M., AKÇA S., Project Supported by Higher Education Institutions, YARI-DENEYSEL (?n) REAKSİYON TESİR KESİTİ FORMÜLLERİNİN ÖNERİLMESİ VE NÜKLEER DATA DEĞERLENDİRMESİ, 2013 - 2018

DOĞAN T., YÜKSEL M., TOPAKSU M., BALCI YEGEN S., PORTAKAL Z. G., AKÇA S., Project Supported by Higher Education Institutions, Calculation of Activation Energy Using VHR Method for Low Temperature Peak of Gypsum Mineral, 2017 - 2017

TOPAKSU M., KAYIŞ TOPAKSU A., PORTAKAL Z. G., AKÇA S., BALCI YEGEN S., YÜKSEL M., DOĞAN T., Project Supported by Higher Education Institutions, International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2017), 2017 - 2017

TOPAKSU M., YÜKSEL M., DOĞAN T., BALCI YEGEN S., AKÇA S., PORTAKAL Z. G., KARAMAN T., Project Supported by Higher Education Institutions, Analysis of Thermoluminescence Kinetic Parameters of Apatite with CGCD Method, 2017 - 2017

YÜKSEL M., DOĞAN T., PORTAKAL Z. G., BALCI YEGEN S., AKÇA S., TOPAKSU M., Project Supported by Higher Education Institutions, A Preliminary Study of TL and OSL Traps for Aragonite Mineral, 2017 - 2017

TOPAKSU M., Project Supported by Higher Education Institutions, Bilim İnsanı Yetiştirme ve Destekleme Projesi, 2016 - 2017

YÜKSEL M., TOPAKSU M., DOĞAN T., ÜNSAL E., Project Supported by Higher Education Institutions, Lüminesans Eğrilerinin Analizi İçin Kullanılan Bilgisayarla Işıma Eğrisi Ayırıştırma Programının Yazılması ve Geliştirilmesi, 2015 - 2017

TOPAKSU M., UĞUR F. A., YÜKSEL M., DOĞAN T., PORTAKAL Z. G., AKÇA S., BALCI YEGEN S., Project Supported by Higher Education Institutions, Güneydoğu Anadolu Bölgesindeki Toprak ve Fıstık Örneklerinin Doğal Radyoaktivitesinin Belirlenmesi, 2015 - 2017

YÜKSEL M., TOPAKSU M., DOĞAN T., Project Supported by Higher Education Institutions, Production and Testing of TL Dosimeters as an Ionizing Radiation Sensor, 2016 - 2016

TOPAKSU M., YAZICI A. N., YÜKSEL M., DOĞAN T., PORTAKAL Z. G., AKÇA S., BALCI YEGEN S., KAFADAR V. E., AYVACIKLI M., KARALI T., et al., Project Supported by Higher Education Institutions, 10th International Conference on Luminescence and ESR Dosimetry, 2016 - 2016

TOPAKSU M., YÜKSEL M., DOĞAN T., Project Supported by Higher Education Institutions, Determination of Natural Calcium Fluorite Trap Depths, 2016 - 2016

KOKAKOÇ M., YÜKSEL M., DOĞAN T., TOPAKSU M., UĞUR F. A., Project Supported by Higher Education Institutions, Ünye İlçesi ve Çevresinin Doğal Radyoaktivitesinin Belirlenmesi, 2015 - 2016

AKYÜZ A., KARAKILÇIK M., YILDIZ B. Y., ALİŞ S., AKSAKER N., TOPAKSU M., SAYGAÇ T., ULUBAY SİDDİKİ A., Project Supported by Higher Education Institutions, Hakkı Ögelman Calistayi: Temel Bilimciler için Astronomi, 2015 - 2015

TOPAKSU M., YÜKSEL M., DOĞAN T., Project Supported by Higher Education Institutions, Effect of Heating Rate on Thermoluminescence of Ladoped Zinc Borate, 2015 - 2015

DOĞAN T., TOPAKSU M., YÜKSEL M., Project Supported by Higher Education Institutions, Comparative study of the thermoluminescence properties of natural metamorphic quartz belonging to Turkey and Spain, 2014 - 2015

YÜKSEL M., DOĞAN T., PORTAKAL Z. G., TOPAKSU M., Project Supported by Higher Education Institutions, NADİR TOPRAK ELEMENTİ (NTE) KATKILANMIŞ KALSİYUM SÜLFAT (CaSO₄) ÜRETİMİ VE DOZİMETRİK ÖZELLİKLERİNİN BELİRLENMESİ, 2014 - 2015

YÜKSEL M., TOPAKSU M., DOĞAN T., Project Supported by Higher Education Institutions, Investigation of the characteristics of thermoluminescence glow curves of natural hydrothermal quartz from Hakkari area in Turkey, 2014 - 2015

Yüksel M., Doğan T., Topaksu M., Portakal Uçar Z. G., Project Supported by Higher Education Institutions, NADİR TOPRAK ELEMENTİ NTE KATKILANMIŞ KALSİYUM SÜLFAT CaSO₄ ÜRETİMİ VE DOZİMETRİK ÖZELLİKLERİNİN BELİRLENMESİ, 2014 - 2015

DOĞAN T., TOPAKSU M., YÜKSEL M., Project Supported by Higher Education Institutions, Türkiye Orijinli Doğal Oniks Taşının Termoluminesans (TL) Özelliklerinin İncelenmesi, 2012 - 2015

TOPAKSU M., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Orta Fırat Havzası'nda Sürdürülebilir Kalkınma için Merkezi Araştırma Laboratuvarı Altyapı Projesi, 2009 - 2014

TOPAKSU M., ÇETİN H., TUBİTAK Project, Doğu Anadolu Fay Sistemi (DAFS) Türkoğlu-Antakya Segmentinin Paleosismolojisinin Termoluminesans (TL)/ Optiksel Uyarımla Lüminesans (OSL) Tarihlendirme Yöntemleriyle Çalışılması, 2006 - 2009

Patent

Yeğingil Z., Yüksel M., Kurt K., Altunal V., Özdemir A., Serindağ O., Ocakoğlu K., Doğan T., Topaksu M., Dozimetrik Özellik Gösteren Mangan (Mn) veya Neodimyum (Nd) Katkılı Magnezyum Borat ($MgB_4O_7:Mn$ veya $MgB_4O_7:Nd$) ve Üretim Yöntemi, Patent, CHAPTER G Physics, The Invention Registration Number: 2015 15339 , Standard Registration, 2018

Metrics

Publication: 241

Citation (WoS): 577

Citation (Scopus): 660

H-Index (WoS): 14

H-Index (Scopus): 15

Non Academic Experience

Adıyaman Üniversitesi

Adıyaman Üniversitesi

Çukurova Üniversitesi

Milli Eğitim Bakanlığı