

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) termoluminesans (TL) özelliklerinin belirlenmesi, Postgraduate, H.YAZAN(Student), 2020
TOPAKSU M., Silisyumca Zengin Minerallerin Lüminesans Özelliklerinin Belirlenmesi (Devam Ediyor), Doctorate, S.BALCI(Student), 2016
TOPAKSU M., Yarı-deneysel 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., Samaryum ve Tulyum Katkılı Çinko Borat Fosforlarının Lüminesans Özelliklerinin İncelenmesi ve Termoluminesans Dozimetresi Olarak Kullanılabilirliğinin Araştırılması (Devam Ediyor), Doctorate, K.BULCAR(Student), 2016
TOPAKSU M., Titanitlerde Doğal Ve Yapay Fizyon İzlerinin Tavlama Kinetikleri, Postgraduate, M.Mükerrem(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., Lantan Katkılı Çinko Boratların Kinetik Parametrelerinin Belirlenmesi Adiyaman Üniversitesi, Postgraduate, A.Halit(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) termoluminesans (TL) ışımaya tepelerine tavlamanın etkisi, Postgraduate, M.YÜKSEL(Student), 2008

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Beta-irradiated $\text{ZnGa}_2\text{O}_4:\text{Sm}^{3+}$ phosphor: Thermoluminescence glow curves and kinetic parameters via gel combustion synthesis**
Barad A., TOPAKSU M., Hakami J., Kaynar U., AKÇA ÖZALP S., Altowyan A. S., Aydin H., Can N.
Journal of Alloys and Compounds, vol.1002, 2024 (SCI-Expanded)
- II. **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)
- III. **Structural and temperature-dependent photoluminescence properties of $\text{NaBaBO}_3:\text{Ce}^{3+}, \text{Tb}^{3+}$ phosphors synthesized using the combustion method**
Altowyan A. S., Oglakci M., TOPAKSU M., Ozturk E., Hakami J., Coban M., Ozgur Keskin M., Ayvacikli M., Kaynar U., Canimoglu A., et al.
Advanced Powder Technology, vol.35, no.6, 2024 (SCI-Expanded)
- IV. **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)

- V. **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)
- VI. **Exploring beta irradiation responses in Sr²⁺-Doped hydroxyapatite: A thermoluminescence study**
Bulcar K., Oğlakçı M., Altowyan A. S., BİLĞİN R., Yucel A., Sezer S., Hakami J., Depci T., TOPAKSU M., Can N.
Ceramics International, 2024 (SCI-Expanded)
- VII. **Undoped and Eu doped LaCa₄O(BO₃)₃ phosphors: Thermoluminescence characteristics with a focus on kinetic parameters, anomalous heating rate, and dose response**
Bulcar K., PORTAKAL UÇAR Z. G., Zelai T., Souadi G., Hakami O., Kaynar U., Madkhali O., TOPAKSU M., Can N.
Ceramics International, 2024 (SCI-Expanded)
- VIII. **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)
- IX. **Tb-doped MgAl₂O₄ phosphors: A study of structural and luminescence characteristics**
Halefoğlu Y. Z., Sauadi G., Ayvacıklı M., Bulcar K., Topaksu M., Canımoğlu A., Madkhali O., Karmouch R., Can N.
APPLIED RADIATION AND ISOTOPES, vol.203, pp.1-6, 2024 (SCI-Expanded)
- X. **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., Ayvacıklı M., TOPAKSU M., Can N.
Ceramics International, 2024 (SCI-Expanded)
- XI. **Palaeoseismological assessment for a seismic gap located very close to the epicentre of the 30 October 2020 Samos Earthquake (M_{6.9}), western Anatolia, Turkey**
Öncü U., Sözbilir H., Özkaymak Ç., Softa M., Sümer Ö., Eski S., Spencer J. Q. G., Şahiner E., Yüksel M., Meriç N., et al.
NATURAL HAZARDS, vol.120, pp.4699-4727, 2024 (SCI-Expanded)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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)

- XVIII. **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)
- XIX. **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., Benourdjia S., Bakr M., Ayvacikli M., Canimoglu A., Topaksu M., Can N.
RADIATION PHYSICS AND CHEMISTRY, vol.204, 2023 (SCI-Expanded)
- XX. **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)
- XXI. **Thermoluminescence characteristics and kinetic analyses of europium doped strontium gadolinium oxide phosphor.**
Sarikci 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)
- XXII. **Samarium doped Ca₃Y₂B₄O₁₂ phosphor prepared by combustion method: Anomalous heating rate effect, dosimetric features, and TL kinetic analyses**
Hakami J., Oglakci M., Portakal Ucar Z. G., Sonsuz M., Kaynar U. H., Ayvacikli M., Topaksu M., Can N.
JOURNAL OF LUMINESCENCE, vol.251, no.119200, pp.1-11, 2022 (SCI-Expanded)
- XXIII. **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)
- XXIV. **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)
- XXV. **Thermoluminescence glow curve analysis of Ca₃Y₂B₄O₁₂ phosphor prepared using combustion method**
Hakami J., Sonsuz M., Kaynar U. H., Ayvacikli M., Oglakci M., Yuksel M., Topaksu M., Can N.
APPLIED RADIATION AND ISOTOPES, vol.186, pp.1-6, 2022 (SCI-Expanded)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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., Hizirolu A., Topaksu M., Can N., et al.
CERAMICS INTERNATIONAL, vol.48, no.13, pp.19258-19265, 2022 (SCI-Expanded)
- XXIX. **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)

- XXX. **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)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **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)
- XXXIV. **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)
- XXXV. **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)
- XXXVI. **Thermoluminescence study and trapping parameters of beta irradiated NaBaB₃O₇:Gd³⁺ phosphor**
Oğlakçı M., Topaksu M., Souadi G. O., Can N.
JOURNAL OF LUMINESCENCE, vol.238, no.118245, pp.1-9, 2021 (SCI-Expanded)
- XXXVII. **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)
- XXXVIII. **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)
- XXXIX. **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)
- XL. **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)
- XLI. **Thermoluminescence glow curves of beta irradiated NaBaB₃O₇: Ce³⁺ phosphor synthesized by combustion method**
Oglakci M., TOPAKSU M., Can N.
SENSORS AND ACTUATORS A-PHYSICAL, vol.315, 2020 (SCI-Expanded)
- XLII. **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)
- XLIII. **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)

- XLIV. **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)
- XLV. **A study on thermoluminescence behaviour of Eu doped LaB3O6 irradiated with beta particles**
Halefoğlu Y. Z., Oğlakçı M., Portakal Z. G., Akca S., Souadi G. O., Canimoglu A., Topaksu M., Can N.
Radiation Physics and Chemistry, vol.168, 2020 (SCI-Expanded)
- XLVI. **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)
- XLVII. **Thermoluminescence properties of Tb doped Mg2SiO4 after beta irradiation**
AKÇA S., Portakal Z. G., DOĞAN T., Kucuk N., Canimoğlu 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)
- XLVIII. **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., Ayvacikli M., Karabulut Y., Canimoğlu A., Topaksu M., Can N.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.795, pp.261-268, 2019 (SCI-Expanded)
- XLIX. **Thermoluminescence analysis of beta irradiated ZnB2O4: Pr3+ phosphors synthesized by a wet-chemical method**
Akca S., Oğlakçı M., Portakal Z. G., Kucuk N., Bakr M., Topaksu M., Can N.
RADIATION PHYSICS AND CHEMISTRY, vol.160, pp.105-111, 2019 (SCI-Expanded)
- L. **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)
- LI. **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)
- LII. **Neutron plus Gamma response of undoped and Dy doped MgB4O7 thermoluminescence dosimeter**
Ifrazoglu S., YILMAZ A. Ö., Kafadar V. E., TOPAKSU M., Yazici A. N.
APPLIED RADIATION AND ISOTOPES, vol.147, pp.91-98, 2019 (SCI-Expanded)
- LIII. **Characterization and thermoluminescence behavior of beta irradiated NaBaB3O3 phosphor synthesized by combustion method**
Oğlakçı M., Akça S., Halefoğlu Y. Z., Doğan T., Ayvacikli M., Karabulut Y., Topaksu M., Can N.
CERAMICS INTERNATIONAL, vol.45, pp.7011-7017, 2019 (SCI-Expanded)
- LIV. **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., Ayvacikli M., Oglakci M., TOPAKSU M., Can N.
CERAMICS INTERNATIONAL, vol.45, no.4, pp.4918-4925, 2019 (SCI-Expanded)
- LV. **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)
- LVI. **UV effect on the cathodo- and thermoluminescence properties of a gem-quality Cr-rich diasporite (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)
- LVII. **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., Benourdjia S., et al.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.764, pp.523-529, 2018 (SCI-Expanded)

- LVIII. 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)
- LIX. 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., Canımoglu 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)
- LX. 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., Ayvacıklı M., Canımoglu A., TOPAKSU M., Can N.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.748, pp.245-251, 2018 (SCI-Expanded)
- LXI. Thermoluminescence dose and heating rate dependence and kinetic analysis of ZnB₂O₄:0.05Dy(3+) phosphor**
Balci-Yegen S., YÜKSEL M., Kucuk N., Karabulut Y., Ayvacikli 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)
- LXII. 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)
- LXIII. 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)
- LXIV. Luminescence studies of zinc borates activated with different concentrations of Ce and La under x-ray and electron excitation**
Kucuk N., Ayvacikli M., Akça S., Yüksel M., Garcia Guinea J., Karabulut Y., Canımoglu A., Topaksu M., Can N.
APPLIED RADIATION AND ISOTOPES, vol.127, pp.35-40, 2017 (SCI-Expanded)
- LXV. Luminescence characteristics of Dy³⁺ incorporated zinc borate powders**
Portakal Z. G., DOĞAN T., Yegen S., Kucuk N., Ayvacikli M., Garcia Guine J., Canımoglu A., Karabulut Y., TOPAKSU M., Can N.
JOURNAL OF LUMINESCENCE, vol.188, pp.409-417, 2017 (SCI-Expanded)
- LXVI. 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)
- LXVII. 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)
- LXVIII. 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)
- LXIX. 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)
- LXX. 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)
- LXXI. 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)

- LXXII. **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)
- LXXIII. **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)
- LXXIV. **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)
- LXXV. **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)
- LXXVI. **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)
- LXXVII. **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)
- LXXVIII. **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)
- LXXIX. **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)
- LXXX. **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)
- LXXXI. **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)
- LXXXII. **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)
- LXXXIII. **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)
- LXXXIV. **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)
- LXXXV. **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)

LXXXVI. **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)

LXXXVII. **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. **Production and Testing of TL Dosimeters as an Ionizing Radiation Sensor**

Yüksel M., Doğan T., Topaksu M.

ICAT Rome Proceeding Book, no.4, pp.298-301, 2016 (Peer-Reviewed Journal)

III. **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, Sağlıkler Hüsnüye, İyit Neslihan, Erten Füsün, 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., TİRYAKİOĞLU İ., et al.
75. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 10 April 2023
- VII. **Characterization of MgAl₂O₄ Crystal by Thermoluminescence Method**
Soğan S., Barad A., Portakal Uçar Z. G., Halefoğlu Y. Z., Topaksu M.
3. INTERNATIONAL SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, İstanbul, Turkey, 27 - 28 August 2022, pp.505-506
- VIII. **Thermoluminescence Properties Of Eu³⁺ Doped YAl₃B₄O₁₂ Crystal**
Barad A., Soğan S., Portakal Uçar Z. G., Halefoğlu Y. Z., Topaksu M.
3. INTERNATIONAL SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, İstanbul, Turkey, 27 - 28 August 2022, pp.507-508
- IX. **Neutron Emission Cross-Section Calculations of Production of ⁴⁴Sc, ⁶²Cu, ⁷²As, ⁸⁹Zr, ¹¹⁷Te, ¹¹⁹Te and ¹²⁴I Medical Radioisotopes with Alpha Beams**
Akça Özalp S., Tel E., Topaksu M., Aydın A.
XV. International Conference on Nuclear Structure Properties, 28-30 June 2022, Kırıkkale University, Türkiye, Kırıkkale, Turkey, 28 - 30 June 2022, pp.88
- X. **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
- XI. **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
- XII. **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
- XIII. **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
- XIV. **Investigation of integral dose in pelvic region using different planning treatment techniques**
OĞUZ K. F., YAHŞİ ÇELEN Y., ERDURMUŞ TIRPANCI 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
- XV. **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., Ayvacıklı 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
- XVI. **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
- XVII. **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., Ayvaci 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
- XVIII. **2. Uluslararası GAP Matematik-Mühendislik-Fen ve Sağlık Bilimleri Kongresi**
PORTAKAL Z. G., AKÇA S., OĞLAKÇI 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
- XIX. **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
- XX. **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
- XXI. **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
- XXII. **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, Muğla, Turkey, 5 - 09 September 2018, pp.406
- XXIII. **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
- XXIV. **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
- 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. **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., Canımoğlu A., Can N., Topaksu M.
11th International Conference On Luminescence And ESR Dosimetry (LumiDoz-11), Gaziantep, Turkey, 5 - 07 September 2018, pp.36
- XXVII. **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
- XXVIII. **Natural Radioactivity Study of Soil Samples from Some Villages in Mersin**
YÜKSEL M., DOĞAN T., KOKAÇOĞU 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

- XXIX. **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
- XXX. **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
- XXXI. **BEYŞEHİR-HOYRAN NAPLARINDA (ORTA TOROSLAR)OFİYOLİTİK VE METAMORFİK DİLİM KAYALARININU-PB VE 40AR-39AR TERMOKRONOLOJİSİ VE JEOKİMYASI:OKYANUS İÇİ YİTİM, YİTİM GERİLEMESİ VE HIZLISOĞUMAYA 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
- XXXII. **BOLKAR DAĞLARININ YÜKSELİMİNİN APATİT FİZİYON İZİTERMOKRONOLOJİSİ 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
- XXXIII. **YİTİMLE İLİŞKİLİ PROSESLERİN TOROSLARDAKİOFİYOLİTLER VE METAMORFİK DİLİMLERİNOLUŞUMUNA 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
- XXXIV. **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
- XXXV. **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 Matters and Material Science, 11 - 15 November 2017
- XXXVI. **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
- XXXVII. **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
- XXXVIII. **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
- XXXIX. **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
- XL. **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

- XLII. 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
- XLIII. 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
- XLIV. 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
- XLV. 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
- XLVI. 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
- 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, 12 - 16 June 2017, pp.180
- XLVIII. 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
- XLIX. 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
- L. The effects of annealing on the thermoluminescence glow peaks of the natural muscovite mineral**
AKÇA S., Portakal G. Z., BALCI YEGEN S., YÜKSEL M., DOĞAN T., PARLAK O., TOPAKSU M.
RAD2017 Fifth International Conference on radiation and applicants in various fields of research, Budva, Montenegro, 12 - 16 June 2017, pp.261
- L. A Preliminary Study of TL and OSL Traps for the Aragonite Mineral**
Yüksel M., Doğan T., Portakal Z. G., Balci 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
- LI. 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 (RAD2017), Podgorica, Serbia And Montenegro, 12 - 16 June 2017, pp.261
- LII. Thermoluminescence (TL) 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

- LIII. **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
- LIV. **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), Podgorica, Serbia And Montenegro, 12 - 16 June 2017, pp.232
- LV. **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
- LVI. **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
- LVII. **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
- LVIII. **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.
RAD2017 (FIFTH INTERNATIONAL CONFERENCE ON RADIATION AND APPLICATIONS IN VARIOUS FIELDS OF RESEARCH), 12 - 16 June 2017, pp.416
- LIX. **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
- LX. **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
- LXI. **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
- LXII. **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
- LXIII. **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
- LXIV. **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
- LXV. **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
- LXVI. **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
- LXVII. **Radioecological analysis of Ünye Curi beach and Gölevi neighbourhood**
KOCAKOÇ 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
- LXVIII. **Radioactivity investigation of samples of Ünye Hill Yunus Emre**
KOCAKOÇ 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. **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
- 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.168
- LXXII. **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
- LXXIII. **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
- LXXIV. **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
- LXXV. **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

LXXVI. 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

LXXVII. Preliminary results on OSL dose response of serpentine mineral from Kızıldağ plateau in Karaisalı, Turkey

Topaksu M., Doğan T., Bozdağ E., Akça S., Portakal Uçar 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

LXXVIII. Measurements of radioactivity levels in soil samples from southeastern Anatolia 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

LXXIX. 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

LXXX. 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

LXXXI. 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

LXXXII. 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

LXXXIII. 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

LXXXIV. 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

LXXXV. 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

LXXXVI. 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

LXXXVII. 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

LXXXVIII. **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

LXXXIX. **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

XC. **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

XCII. **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

XCIII. **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

XCIV. **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

XCV. **LUMINESCENCE STUDY OF Nd DOPED CaSO₄**

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

RAD 2016 Conference, 23 - 27 May 2016

XCVI. **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

XCVII. **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

XCVIII. **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

XCVIII. **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

XCIX. **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

C. **Preliminary Results on Dose Response of Serpentinite Mineral**

Topaksu M., Bozdağ Özensoy E., Doğan T., Yüksel M., Akça S., Portakal Z. G., Balcı 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. **The investigation of the (γ, n) reaction cross-sections for ^{41}K 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

- CII. **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
- 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. **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
- CV. **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
- CVI. **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
- CVII. **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
- CVIII. **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
- CIX. **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
- CX. **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
- CXI. **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
- CXII. **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
- CXIII. **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

- CXIV. **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
- CXV. **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
- 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. **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
- CXVIII. **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
- CXIX. **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
- CXX. **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
- CXXI. **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
- CXXII. **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
- CXXIII. **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
- CXXIV. **Mangan Mn Katkılı Lityumborat ın Li₂B₄O₇ Mn Lüminesans Özelliklerinin İncelenmesi Ve
Termolüminesans Dozimetreleri 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
- CXXV. **Mangan (Mn) katkıli Lityumborat'ın (Li₂B₄O₇:Mn) lüminesansözelliklerinin 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
- 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. **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
- CXXVIII. **MANGAN (Mn) KATKILI LİTYUMBORAT'IN (Lİ2B4O7: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
- CXXIX. **Thermoluminescence characteristics of Zn(BO2)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
- CXXX. **MANGAN (Mn) KATKILI LİTYUMBORAT'IN (Lİ2B4O7: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
- CXXXI. **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
- CXXXII. **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
- CXXXIII. **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
- CXXXIV. **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
- CXXXV. **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
- CXXXVI. **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
- CXXXVII. **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
- CXXXVIII. **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
- CXXXIX. **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
- CXL. **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
- CXLI. **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
- CXLII. **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

CXLIII. 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 (LUMİDOZ4), Gaziantep, Turkey, 20 - 22 September 2010, pp.13

CXLIV. 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 (LUMİDOZ4), Gaziantep, Turkey, 20 - 22 September 2010, pp.13

CXLV. 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 (LUMİDOZ2), Manisa, Turkey, 21 - 23 August 2008

CXLVI. 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 (LUMİDOZ2), Manisa, Turkey, 21 - 23 August 2008

CXLVII. 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

Kaynar Ü. H., Ayvacıklı M., Ekdal Karah E., Çam Kaynar S., Çoban M. B., Tüzün Özmen Ö., Gök C., Topaksu M., Portakal Uçar Z. G., Can N., TUBITAK Project, Bor Tabanlı Nadir Toprak Elementi (Re) Katkılı Fosforların Teknolojik Kullanılabilirliğinin Araştırılması, 2024 - 2027

Aksoy E., Tatar O., Softa M., Solak H. İ., Yüksel M., Akgün E., Tiryakioğlu İ., Koçbulut F., Çolak Erol S., Sözbilir H., et al., TUBITAK 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., TUBITAK 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, İnhomojen 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 Tarihlendirme 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 Tarihlendirilmesi, 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 Tarihlendirme 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

KOCAKOÇ 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., ALIŞ 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., TUBITAK Project, Doğu Anadolu Fay Sistemi (DAFS) Türkoğlu-Antakya Segmentinin Paleosismolojisinin Termoluminesans (TL)/ Optiksel Uyarılmayla 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 Neodymyum (Nd) Katkılı Magnezyum Borat (MgB₄O₇:Mn veya MgB₄O₇:Nd) ve Üretim Yöntemi, Patent, CHAPTER G Physics, The Invention Registration Number: 2015 15339 , Standard Registration, 2018

Metrics

Publication: 245

Citation (WoS): 577

Citation (Scopus): 660

H-Index (WoS): 14

H-Index (Scopus): 15

Non Academic Experience

Adiyaman Üniversitesi

Adiyaman Üniversitesi

Çukurova Üniversitesi

Milli Eğitim Bakanlığı