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International Researcher IDs

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Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2016 - 2022

Postgraduate, Cukurova University, Fen Bilimleri, Fizik, Turkey 2013 - 2016

Undergraduate Double Major, Cukurova University, Fen Edebiyat Fakültesi, Matematik, Turkey 2010 - 2013

Undergraduate, Cukurova University, Fen Edebiyat Fakültesi, Fizik, Turkey 2008 - 2013

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Development of BeO Ceramic OSL Dosimeters: Their Synthesis, Sintering and Luminescence Studies, Cukurova University, Fen Bilimleri Enstitüsü, 2020

Postgraduate, BeO OSL DOSIMETER: ITS SYNTHESIS AND LUMINESCENCE MECHANISMS, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, 2016

Research Areas

Physics, Nuclear physics, Natural Sciences

Academic Titles / Tasks

Research Assistant, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Luminescence properties of Ce and Be-doped CaAl₁₂O₁₉ for dosimetric and light-emitting

applications

- ALTUNAL V., Ozdemir A., Kurt K., Yigit O., Guckan V., Isik B., Yegingil Z.
Journal of Alloys and Compounds, vol.985, 2024 (SCI-Expanded)
- II. **Thermoluminescence and optically stimulated luminescence properties of NaMgF₃:Dy,Eu synthesized by hydrothermal method and DFT calculations for the bandgap**
Guckan V., Bokhari S., Altunal V., Varan N. E., Kurt K., Yildiz I., Gao W., Yegingil Z.
MATERIALS RESEARCH BULLETIN, vol.167, pp.112373, 2023 (SCI-Expanded)
- III. **Nanostructured TLDs: Studying the impact of crystalline size on the Thermoluminescence glow-curve shape and electron trapping parameters**
Tsoutsoumanos E., Saleh M., P.G. Konstantinidis, Altunal V., Sahare P. D., Yeğinil Z., T. Karakasidis, Kitis, Polymeris G.
RADIATION PHYSICS AND CHEMISTRY, vol.212, pp.111067, 2023 (SCI-Expanded)
- IV. **Studies of OSL properties of alkali- and rare earth-doped BeO based novel dosimeters for applications in external beam radiotherapy**
Abusaid W., Altunal V., Akdeniz Y., Gückan V., Ceyran G., Khandaker, Yeğinil Z.
RADIATION PHYSICS AND CHEMISTRY, vol.212, pp.111136, 2023 (SCI-Expanded)
- V. **Experimental and Monte Carlo study of energy response of BEO-based OSL detectors within photon energy range up to 15 MeV**
Chumak V., Bakhanova E., Altunal V., Lawrence Y., Dubinski S., Yu Y., Liao L., Yeğinil Z.
RADIATION PROTECTION DOSIMETRY, vol.199, no.15-16, pp.1829-1833, 2023 (SCI-Expanded)
- VI. **Structural, mechanical, dielectric and defect properties of Eu-doped BeO ceramics: A computational and experimental approach**
Fonseca D. P. D., Otsuka A., Rezende M. V. D. S., Santos J. L., Altunal V., Souza A. S., Yeğinil Z., Lima H.
CERAMICS INTERNATIONAL, vol.49, no.18, pp.29647-29658, 2023 (SCI-Expanded)
- VII. **Effects of oxygen vacancies on luminescence characteristics of BeO ceramics**
Altunal V., Guckan V., Yegingil Z.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.938, 2023 (SCI-Expanded)
- VIII. **Luminescence properties of Tb and Eu activated CaSO₄ phosphor**
Guckan V., Bereket S., Altunal V., Abusaid W., Yegingil Z.
RADIATION PHYSICS AND CHEMISTRY, vol.203, 2023 (SCI-Expanded)
- IX. **Structural and thermoluminescence properties of borate mineral ulexite**
Altunal V., Mesto A., Guckan V., Kavgaci M., Ozdemir A., Abusaid W., Kurt K., Yegingil Z.
JOURNAL OF LUMINESCENCE, vol.251, 2022 (SCI-Expanded)
- X. **TL and OSL characteristics of the fluoroperovskite KMgF₃:Eu,Yb, Li for dosimetry applications**
Guckan V., Altunal V., Polymeris G. S., Ozdemir A., Zhydachevskyy Y., Yegingil Z.
JOURNAL OF LUMINESCENCE, vol.251, 2022 (SCI-Expanded)
- XI. **Development of BeO:Na,Yb,Dy ceramics for optically stimulated luminescence dosimetry**
Altunal V., Jain M., Hayat S., Guckan V., Yegingil Z.
RADIATION MEASUREMENTS, vol.158, 2022 (SCI-Expanded)
- XII. **Luminescence characterization of Ce and Gd doped MgB4O7 phosphors**
Altunal V., Abusaid W., Guckan V., Özdemir A., Yeğinil Z.
JOURNAL OF LUMINESCENCE, vol.246, pp.118815, 2022 (SCI-Expanded)
- XIII. **Impact of Li concentration in KMgF₃:Eu,Yb fluoroperovskite on structure and luminescence properties**
Gückan V., Kaya D., Altunal V., Ekicibil A., Karadağ F., Özdemir A., Yeğinil Z.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.902, pp.163810, 2022 (SCI-Expanded)
- XIV. **Three newly developed BeO-based OSL dosimeters**
Altunal V., Guckan V., Ozdemir A., Zhydachevskyy Y., Lawrence Y., Yu Y., Yegingil Z.
JOURNAL OF LUMINESCENCE, vol.241, 2022 (SCI-Expanded)
- XV. **Thermoluminescence dosimetry properties of Tm³⁺ doped fluoroelpasolite Cs₂NaYF₆ crystals synthesized under hydrothermal conditions**

- Khaidukov N., Makhov V., Guckan V., Altunal V., Ozdemir A., Kurt K., Abusaid W., Yeđingil Z.
JOURNAL OF LUMINESCENCE, vol.239, 2021 (SCI-Expanded)
- XVI. **A systematic study on luminescence characterization of lanthanide-doped BeO ceramic dosimeters**
Altunal V., Guckan V., Ozdemir A., Ekicibil A., Karadağ F., Yegingil I., Zydhachevskyy Y., Yeđingil Z.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.876, 2021 (SCI-Expanded)
- XVII. **Luminescence of Ce³⁺ and Li⁺ co-doped MgO synthesized using solid-state reaction method**
Guckan V., Bokhari S. W., Altunal V., Ozdemir A., Gao W., Yeđingil Z.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.503, pp.53-61, 2021 (SCI-Expanded)
- XVIII. **Use of infrared light-emitting diodes to determine dosimetric characteristics of MgO:Tb,Gd,Li via the optically stimulated luminescence technique**
Guckan V., Altunal V., Ozdemir A., Kurt K., Yeđingil Z.
JOURNAL OF LUMINESCENCE, vol.235, 2021 (SCI-Expanded)
- XIX. **Luminescence characteristics of newly-developed MgB4O7:Ce³⁺, Na⁺ phosphor as an OSL dosimeter**
Ozdemir A., Altunal V., Guckan V., Kurt K., Yeđingil Z.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.865, 2021 (SCI-Expanded)
- XX. **Thermoluminescence in MgB4O7:Pr,Dy dosimetry powder synthesized by solution combustion synthesis method**
Ozdemir A., Guckan V., Altunal V., Kurt K., Yeđingil Z.
JOURNAL OF LUMINESCENCE, vol.230, 2021 (SCI-Expanded)
- XXI. **Cu, Li and K activated MgO: A metal oxide thermoluminescent synthesized using solution combustion technique for dosimetry**
Guckan V., Altunal V., Ozdemir A., Kurt K., Yeđingil Z.
JOURNAL OF LUMINESCENCE, vol.230, 2021 (SCI-Expanded)
- XXII. **A calcination study on BeO ceramics for radiation dosimetry**
ALTUNAL V., Guckan V., ÖZDEMİR A. C., YEĞİNGİL Z.
Materials Research Bulletin, vol.130, 2020 (SCI-Expanded)
- XXIII. **Investigation of luminescence properties of BeO ceramics doped with metals for medical dosimetry**
Altunal V., Guckan V., Özdemir A. C., Kurt K., Ekicibil A., Yeđingil Z.
OPTICAL MATERIALS, vol.108, 2020 (SCI-Expanded)
- XXIV. **Optically stimulated luminescence of MgO:Na,Li phosphor prepared using solution combustion method**
Guckan V., ALTUNAL V., ÖZDEMİR A. C., YEĞİNGİL Z.
Journal of Alloys and Compounds, vol.835, 2020 (SCI-Expanded)
- XXV. **A newly developed OSL dosimeter based on beryllium oxide: BeO:Na,Dy,Er**
ALTUNAL V., Guckan V., Yu Y., Dicker A., YEĞİNGİL Z.
Journal of Luminescence, vol.222, 2020 (SCI-Expanded)
- XXVI. **Calcination effects on europium doped zinc oxide as a luminescent material synthesized via sol-gel and precipitation methods**
Guckan V., Altunal V., Ozdemir A., Tsiumra V., Zhydachevskyy Y., Yegingil Z.
Journal of Alloys and Compounds, vol.823, 2020 (SCI-Expanded)
- XXVII. **Radiation dosimeter utilizing optically stimulated luminescence of BeO:Na,Tb,Gd ceramics**
Altunal V., Guckan V., Ozdemir A., Yegingil Z.
Journal of Alloys and Compounds, vol.817, 2020 (SCI-Expanded)
- XXVIII. **Luminescence characteristics of Al-and Ca-doped BeO obtained via a sol-gel method**
Altunal V., Guckan V., Ozdemir A., Can N., Yegingil Z.
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol.131, pp.230-242, 2019 (SCI-Expanded)
- XXIX. **Studies of blue light induced phototransferred thermoluminescence in CaSO₄:Mg**
Guckan V., Ozdemir A., Altunal V., Yegingil I., Yegingil Z.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH

- MATERIALS AND ATOMS, vol.448, pp.31-38, 2019 (SCI-Expanded)
- XXX. Effect of sintering temperature on dosimetric properties of BeO ceramic pellets synthesized using precipitation method
ALTUNAL V., GUCKAN V., ÖZDEMİR A. C., SOTELO A., YEĞİNGİL Z.
Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, vol.441, pp.46-55, 2019 (SCI-Expanded)
- XXXI. Optically stimulated luminescence characteristics of BeO nanoparticles synthesized by sol-gel method
ALTUNAL V., YEĞİNGİL Z., TÜKEN T., Depci T., ÖZDEMİR A. C., GUCKAN V., Nur N., Kurt K., BULUR E.
RADIATION MEASUREMENTS, vol.118, pp.54-66, 2018 (SCI-Expanded)
- XXXII. Characterization and some fundamental features of Optically Stimulated Luminescence measurements of silver activated lithium tetraborate
ÖZDEMİR A. C., ALTUNAL V., Guckan V., Can N., Kurt K., Yegingil I., YEĞİNGİL Z.
Journal of Luminescence, vol.202, pp.136-146, 2018 (SCI-Expanded)
- XXXIII. Radiometric measurement of lignite coal and its by-products and assessment of the usability of fly ash as raw materials in Turkey
Turhan Ş., GÖREN E., Garad A. M., Altlkulaç A., Kurnaz A., Duran C., Hançerlioğulları A., ALTUNAL V., GÜCKAN V., ÖZDEMİR A.
Radiochimica Acta, vol.106, no.7, pp.611-621, 2018 (SCI-Expanded)
- XXXIV. Thermoluminescence properties of Li₂B4O₇:Cu, B phosphor synthesized using solution combustion technique
ÖZDEMİR A. C., ALTUNAL V., Kurt K., Depci T., YU Y., LAWRENCE Y., Nur N., GUCKAN V., YEĞİNGİL Z.
RADIATION PHYSICS AND CHEMISTRY, vol.141, pp.352-362, 2017 (SCI-Expanded)
- XXXV. Studying CaSO₄:Eu as an OSL phosphor
Güçkan V., Altunal V., Nur N., Depci T., ÖZDEMİR A., Kurt K., Yu Y., Yegingil I., YEĞİNGİL Z.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.407, pp.145-154, 2017 (SCI-Expanded)
- XXXVI. Thermoluminescence properties of non-stoichiometric Li₂Si₂O₅ synthesized from natural amethyst quartz
Nur N., GUCKAN V., Kizilkaya N., Depci T., Ahmedova C., ÖZDEMİR A. C., ALTUNAL V., YEĞİNGİL Z.
JOURNAL OF LUMINESCENCE, vol.179, pp.366-371, 2016 (SCI-Expanded)
- XXXVII. Determination of dosimetric properties of MgO doped natural amethyst samples
Nur N., GUCKAN V., Kizilkaya N., Depci T., Ahmedova C., YÜCEL A., ÖZDEMİR A. C., ALTUNAL V., Koc V., YEĞİNGİL Z.
APPLIED RADIATION AND ISOTOPES, vol.116, pp.150-156, 2016 (SCI-Expanded)
- XXXVIII. Thermoluminescence study of Mn doped lithium tetraborate powder and pellet samples synthesized by solution combustion synthesis
ÖZDEMİR A. C., YEĞİNGİL Z., Nur N., Kurt K., TÜKEN T., Depci T., TANSUĞ G., ALTUNAL V., GUCKAN V., SIĞIRCIK G., et al.
JOURNAL OF LUMINESCENCE, vol.173, pp.149-158, 2016 (SCI-Expanded)
- XXXIX. Study of thermoluminescence response of purple to violet amethyst quartz from Balikesir, 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)

Articles Published in Other Journals

- I. The Effect of Calcination Conditions on Luminescence Efficiency of BeO Ceramics Synthesized Using Co-Precipitation Method
ALTUNAL V., Güçkan V., ÖZDEMİR A., YEĞİNGİL Z.
Journal of Investigations on Engineering Technology, vol.2, no.2, pp.40-44, 2019 (Peer-Reviewed Journal)

- II. Structure Characterization and Luminescence Studies of MgO:Li Calcinated at Different Temperatures via Solution Combustion and Sol-Gel Methods**
Güçkan V., ALTUNAL V., ÖZDEMİR A., YEĞİNGİL Z.
Journal of Investigations on Engineering and Technology, vol.2, no.2, pp.45-48, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. Optically Stimulated Luminescence of MgB4O7 Doped with Ce³⁺ and Gd³⁺**
Abusaïd W., Altunal V., Özdemir A., Güçkan V., Ekicibil A., Karadağ F., Yeğingil Z.
International Conference on Oxide Materials for Electronic Engineering - fabrication, properties and applications, Lviv, Ukraine, 28 September - 02 October 2021, pp.120
- II. Luminescence Characterization of BeO:Na5%,Ce0.01%,Er0.01% Ceramic**
Altunal V., Güçkan V., Özdemir A., Abusaid W., Ekicibil A., Karadağ F., Yeğingil Z.
International Conference on Oxide Materials for Electronic Engineering -fabrication, properties and applications, Lviv, Ukraine, 28 September - 02 October 2021, pp.104
- III. Developing new MgO luminophors with different dopants for dosimetry applications and determination of ESR properties**
Güçkan V., ALTUNAL V., ÖZDEMİR A., ERÜNAL E., YEĞİNGİL Z.
6th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2019), Niğde, Turkey, 16 - 18 October 2019
- IV. A Study of BeO Luminophosphores Synthesized with Different Calcination Conditions**
ALTUNAL V., ÖZDEMİR A., Güçkan V., YEĞİNGİL Z.
6th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2019), Niğde, Turkey, 16 - 18 October 2019
- V. Developing new MgO luminophors with different dopants for dosimetry applications and determination of ESR properties**
Güçkan V., ALTUNAL V., Özdemir A., ERÜNAL E., YEĞİNGİL Z.
6th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2019), Nevşehir, Turkey, 16 - 18 October 2019, pp.1-4
- VI. Blue light sensitivity of calcium sulfate doped with rare earth elements using luminescence technique**
Güçkan V., ALTUNAL V., ÖZDEMİR A., YEĞİNGİL Z.
5th International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology, Amasya, Turkey, 2 - 04 May 2019
- VII. Development of Lithium Tetraborate (Li₂B₄O₇:Ag,Eu) Compound Doped with Silver (Ag) and Europium (Eu) as a Luminescence Dosimeter Using TL-OSL Technique**
ÖZDEMİR A., ALTUNAL V., Güçkan V., YEĞİNGİL Z.
International Symposium on Boron, Nevşehir, Turkey, 17 - 19 April 2019
- VIII. Systematic development of an OSL dosimeter based on BeO**
ALTUNAL V., GÜÇKAN V., ÖZDEMİR A., BULUR E., YEĞİNGİL Z.
5th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2018), Nevşehir, Turkey, 4 - 06 October 2018
- IX. A preliminary study of TL and OSL properties of MgO doped with Gd and Tb**
GÜÇKAN V., ÖZDEMİR A., ALTUNAL V., YEĞİNGİL Z.
5th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2018), Nevşehir, Turkey, 4 - 06 October 2018
- X. Annealing Effect on Deep Traps as PTTL Sources of CaSO₄:Mg**
GÜÇKAN V., ALTUNAL V., ÖZDEMİR A., YEĞİNGİL Z.
11st Internatinal Conferences on Luminescence and ESR Dosimetry (LUMIDOZ11), Gaziantep, Turkey, 5 - 07 September 2018

- XI. **Optically Stimulated Luminescence (OSL) from BeO:Al,Ca Ceramics Synthesized via Sol-Gel Method**
ALTUNAL V., GÜÇKAN V., ÖZDEMİR A., BULUR E., YEĞİNGİL Z.
11st International Conferences on Luminescence and ESR Dosimetry (LUMIDOZ11), Gaziantep, Turkey, 5 - 07 September 2018
- XII. **TL-OSL Correlation in CaSO₄:Mg dosimetric phosphor**
GÜÇKAN V., ÖZDEMİR A., ALTUNAL V., YEĞİNGİL Z.
11st International Conferences on Luminescence and ESR Dosimetry (LUMIDOZ11), Gaziantep, Turkey, 5 - 07 September 2018
- XIII. **Luminescence properties of Calcium doped BeO Ceramics**
ÖZDEMİR A., ALTUNAL V., GÜÇKAN V., BULUR E., YEĞİNGİL Z.
11th International Conferences on Luminescence and ESR Dosimetry (LUMIDOZ11), Gaziantep, Turkey, 5 - 07 September 2018
- XIV. **The studying kinetic parameters of thermoluminescence glow peaks-from Li₂B₄O₇:Ag,Gd phosphor**
ÖZDEMİR A., POLYMERİS G., ŞAHİNER E., AŞLAR E., GÜÇKAN V., ALTUNAL V., MERİÇ N., YEĞİNGİL Z.
11st International Conferences on Luminescence and ESR Dosimetry (LUMIDOZ11), Gaziantep, Turkey, 5 - 07 September 2018
- XV. **OSL properties of BeO:Al Ceramics**
ALTUNAL V., ÖZDEMİR A., GÜÇKAN V., BULUR E., YEĞİNGİL Z.
11th International Conferences on Luminescence and ESR Dosimetry (LUMIDOZ11), Gaziantep, Turkey, 5 - 07 September 2018
- XVI. **OSL Properties Of BeO:Na,Gd,Tb Synthesized Using Precipitation Method**
ALTUNAL V., ÖZDEMİR A., GÜÇKAN V., YEĞİNGİL Z.
International Conferences on Physical Chemistry and Functional Materials (PCFM18), Elazığ, Turkey, 19 - 21 June 2018
- XVII. **OSL Response of BeO pellets doped with Al, Ca dopants and various Ln co-dopants**
GÜÇKAN V., ÖZDEMİR A., ALTUNAL V., YEĞİNGİL Z.
International Conferences on Physical Chemistry and Functional Materials (PCFM18), Elazığ, Turkey, 19 - 21 June 2018
- XVIII. **Temperature dependence of OSL signals from BeO ceramic pellets synthesized using Sol-Gel and Precipitation Methods**
ALTUNAL V., GÜÇKAN V., ÖZDEMİR A., YEĞİNGİL Z.
International Conferences on Physical Chemistry and Functional Materials (PCFM18), Elazığ, Turkey, 19 - 21 June 2018
- XIX. **Synthesis and Luminescence Characterization of Non-stoichiometric Li₂B₄O₇:Ag,Tb**
ÖZDEMİR A., ALTUNAL V., GÜÇKAN V., KURT K., YEĞİNGİL Z.
International Conferences on Physical Chemistry and Functional Materials (PCFM18), Elazığ, Turkey, 19 - 21 June 2018
- XX. **Optically Stimulated Luminescence (OSL) and Thermoluminescence (TL) Properties of Ag₁, Tb₃ and Gd₃ Doped Li₂B₄O₇ Phosphor**
ÖZDEMİR A., GÜÇKAN V., ALTUNAL V., KURT K., YEĞİNGİL Z.
International Conferences on Physical Chemistry and Functional Materials (PCFM18), Elazığ, Turkey, 19 - 21 June 2018
- XXI. **Preparation of BeO ceramic pellets doped with Mg dopants and different co-dopants for OSL dosimetry**
GÜÇKAN V., ALTUNAL V., ÖZDEMİR A., YEĞİNGİL Z.
International Conferences on Physical Chemistry and Functional Materials (PCFM18), Elazığ, Turkey, 19 - 21 June 2018
- XXII. **ESTIMATION of THE TRAPPING PARAMETERS of Li₂B₄O₇:Ag,Gd PHOSPHOR by FGC, ID AND CGCD METHODS**
ÖZDEMİR A., ŞAHİNER E., POLYMERİS G., AŞLAR E., GÜÇKAN V., ALTUNAL V., MERİÇ N., YEĞİNGİL Z.
Nükleer Bilimler Lisansüstü Öğrenci Kongresi, Ankara, Turkey, 11 - 13 May 2018

- XXIII. **Luminescence Spectrum Of Zro₂ Doped Gd₃ Under X-ray Excitation At Room Temperature.**
KURT K., YALAZ E., YILMAZ S., ÖZDEMIR A., ALTUNAL V., GÜÇKAN V., YEĞİNGİL Z.
15th International Conference On Luminescence And Electron Spin Resonance Dating, Cape-Town, South Africa, 11 - 15 September 2017
- XXIV. **A Study For The Estimation Of Osl Trap Parameters In Li₂b₄O₇:ag,gd Phosphor**
ÖZDEMIR A., KURT K., GÜÇKAN V., ALTUNAL V., CAVDAR T., YEĞİNGİL Z.
15th International Conference On Luminescence And Electron Spin Resonance Dating, Cape-Town, South Africa, 11 - 15 September 2017
- XXV. **Effect Of Sintering Temperature On Dosimetric Properties Of Beo Ceramic Pellets Synthesized Using Precipitation Method**
ALTUNAL V., GÜÇKAN V., ÖZDEMIR A., KURT K., YEĞİNGİL Z.
International Conference on Oxide Materials for Electronic Engineering – fabrication, properties and application, Lviv, Ukraine, 29 May - 02 June 2017
- XXVI. **BeOMgOas A Mixture Dosimeter: Its Luminescence Mechanism**
ALTUNAL V., ÖZDEMIR A., GÜÇKAN V., KURT K., YEĞİNGİL Z.
International Conference on Oxide Materials for Electronic Engineering – fabrication, properties and applications, Lviv, Ukraine, 29 May - 02 June 2017
- XXVII. **Optically Stimulated Luminescence Properties Of Beotio₂ As A Mixture Dosimeter**
GÜÇKAN V., ALTUNAL V., ÖZDEMIR A., KURT K., YEĞİNGİL Z.
International Conference on Oxide Materials for Electronic Engineering – fabrication, properties and application, Lviv, Ukraine, 29 May - 02 June 2017
- XXVIII. **A Preliminary Study For Optically Stimulated Luminescence Characterization Of BeOSiO₂as A Mixture Dosimeter**
GÜÇKAN V., ALTUNAL V., ÖZDEMIR A., KURT K., YEĞİNGİL Z.
International Conference On Oxide Materials For Electronic Engineering ? Fabrication, Properties And Application, Lviv, Ukraine, 29 May - 02 June 2017
- XXIX. **Synthesis And Optically Stimulated Luminescence (osl) Characterization Of BeOAl₂O₃mixture Dosimeter**
ALTUNAL V., GÜÇKAN V., ÖZDEMIR A., KURT K., YEĞİNGİL Z.
International Conference on Oxide Materials for Electronic Engineering – fabrication, properties and application, Lviv, Ukraine, 29 May - 02 June 2017
- XXX. **Investigation Of Optically Stimulate Luminescence Characteristics Of Lib₃O₅: Pr, K, Cu, Na Phosphor**
GÜÇKAN V., DEPCİ T., ALTUNAL V., ÖZDEMIR A., KURT K., NUR N., TÜKEN T., SIĞIRCIK G., TANSUĞ G., YAN Y., et al.
3rd International Conference On Theoretical And Experimental Studies In Nuclear Applications And Technology, Adana, Turkey, 10 - 12 May 2017
- XXXI. **Determination Of Potential Use Of Li₂b₄O₇:ag,tb For Dosimetry Purposes Using Osl Technique**
ÖZDEMIR A., GÜÇKAN V., ALTUNAL V., DEPCİ T., NUR N., KURT K., AKYOL M., TÜKEN T., HEREYTANİ E., TANSUĞ G., et al.
3rd International Conference On Theoretical And Experimental Studies In Nuclear Applications And Technology, Adana, Turkey, 10 - 12 May 2017
- XXXII. **Osl Study Of Lib₃O₅:nd, K, Cu, Na Samples Synthesized By Solid State Method**
ÖZDEMIR A., DEPCİ T., ALTUNAL V., GÜÇKAN V., KURT K., NUR N., TÜKEN T., TANSUĞ G., SIĞIRCIK G., YAN Y., et al.
3rd International Conference On Theoretical And Experimental Studies In Nuclear Applications And Technology, Adana, Turkey, 10 - 12 May 2017
- XXXIII. **Li₂ 10b₄O₇:ag,tb Phosphor And Its Neutron Sensitivity For Dosimetry Applications**
ÖZDEMIR A., GÜÇKAN V., ALTUNAL V., KURT K., İFLAZOĞLU S., YEĞİNGİL Z.
3rd International Conference On Theoretical And Experimental Studies In Nuclear Applications And Technology, Adana, Turkey, 10 - 12 May 2017
- XXXIV. **Studying 6li₂co₃ As A Neutron Converter For Investigation Of The Neutron Responses From Synthesized Beo Pellets Using Optically Stimulated Luminescence (osl)**
ALTUNAL V., GÜÇKAN V., ÖZDEMIR A., KURT K., YEĞİNGİL Z.

- 3rd International Conference On Theoretical And Experimental Studies In Nuclear Applications And Technology,
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- XXXV. **A Preminarily Study Of Lib3o5:ce,k,cu,na Phosphor For Optically Stimulated Luminescence Dosimetry**
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