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Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Fizik (Dr), Turkey 2006 - 2012

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Fizik (YI) (Tezli), Turkey 2004 - 2006

Undergraduate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, Fizik Bölümü, Turkey 1999 - 2003

Dissertations

Doctorate, Uludağ'ın bazı epifitik likenlerindeki radyonüklid dağılımının incelenmesi, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Fizik (Dr), 2012

Postgraduate, Bursa Katırlı dağı karayosunlarında radyasyon taranması, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Fizik (YI) (Tezli), 2006

Research Areas

Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 2008 - 2017

Courses

Undergraduate

TEMEL FİZİK II, Undergraduate, 2022 - 2023

TEMEK FİZİK I, Undergraduate, 2022 - 2023

TEMEL FİZİK II, Undergraduate, 2021 - 2022

TEMEL FİZİK I, Undergraduate, 2021 - 2022

FZK1085 FİZİK, Undergraduate, 2017 - 2018

Supervised Theses

KAHRAMAN A., Investigation of the usability of Yb₂O₃/SiO₂ stack gate oxide layer as a sensitive region in MOS-based radiation sensors, Postgraduate, B.Morkoç(Student), 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Proposal of dual-gate oxide layered with HfO₂: Comparative results with SiO₂-RadFET**
Yilmaz E., Ristić G., TURAN R., Yilmaz O., Gurer U., Danković D., Budak E., Marjanović M., Veljković S., Mutale A., et al.
Radiation Physics and Chemistry, vol.232, 2025 (SCI-Expanded)
- II. **High-Speed Ultraviolet Photodetector Based on p-GaN Gate HEMT for Flame Monitoring**
Yilmaz E., Wang H., Doganci E., Feng M., Sun Q., Mutale A., KAHRAMAN A., Gurer U., Yilmaz O., Sadigov A., et al.
IEEE Transactions on Electron Devices, 2025 (SCI-Expanded)
- III. **The SPICE Modeling of a Radiation Sensor Based on a MOSFET with a Dielectric HfO₂/SiO₂ Double-Layer**
Marjanović M., Ilić S. D., Veljković S., Mitrović N., Gurer U., Yilmaz O., KAHRAMAN A., Aktag A., Karacali H., Budak E., et al.
Sensors, vol.25, no.2, 2025 (SCI-Expanded)
- IV. **Stereotactic radiotherapy for brain metastases in patients with non-small cell lung cancer: CyberKnife-M6 experience**
Sarihan S., Tunç S., Irem Z. K., Kahraman A.
International Journal of Radiation Research, vol.22, no.1, pp.117-124, 2024 (SCI-Expanded)
- V. **Dosimetric Comparison of Free- Breathing versus Respiratory Motion-managed Radiotherapy with 4D-CT Based VMAT in Lung Cancer**
SARIHAN S., Tunc S. G., KAHRAMAN A., Irem Z. K.
JOURNAL OF THORACIC ONCOLOGY, no.11, 2023 (SCI-Expanded)
- VI. **Post-deposition annealing effect on the structural and electrical properties of ytterbium oxide as an alternative gate dielectric**
Morkoc B., KAHRAMAN A., Yilmaz E.
Materials Chemistry and Physics, vol.292, 2022 (SCI-Expanded)
- VII. **Effect of high-radiation-dose-induced structural modifications of HfSiO₄/n-Si on electrical characteristics**
KAHRAMAN A., Mutale A., LÖK R., YILMAZ E.
RADIATION PHYSICS AND CHEMISTRY, vol.196, 2022 (SCI-Expanded)
- VIII. **Investigation of parameters of new MAPD-3NM silicon photomultipliers**
Ahmadov F., Ahmadov G., Akbarov R., Aktag A., Budak E., Doganci E., Gurer U., Holik M., KAHRAMAN A., Karacali H., et al.
JOURNAL OF INSTRUMENTATION, vol.17, no.1, 2022 (SCI-Expanded)
- IX. **The relationship between structural and electrical properties of the post-deposition annealed Er₂O₃/n-Si hetero-structures**
KAHRAMAN A., Morkoc B., YILMAZ E.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.130, 2021 (SCI-Expanded)
- X. **Effect of oxide and interface traps on electrical characteristics of post-deposition annealed HfSiO₄/n-Si structures**
KAHRAMAN A., YILMAZ E.
SEMICONDUCTOR SCIENCE AND TECHNOLOGY, vol.36, no.4, 2021 (SCI-Expanded)
- XI. **Effects of the oxide/interface traps on the electrical characteristics in Al/Yb₂O₃/SiO₂/n-Si/Al MOS capacitors**
Morkoc B., KAHRAMAN A., YILMAZ E.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.32, no.7, pp.9231-9243, 2021 (SCI-

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- XII. **The effect and nature of the radiation induced oxide-interface traps on the performance of the Yb₂O₃ MOS device**
KAHRAMAN A., Gurer U., YILMAZ E.
RADIATION PHYSICS AND CHEMISTRY, vol.177, 2020 (SCI-Expanded)
- XIII. **Influence of frequency and gamma irradiation on the electrical characteristics of Er₂O₃, Gd₂O₃, Yb₂O₃, and HfO₂ MOS-based devices**
KAHRAMAN A., DEEVI S. C., YILMAZ E.
JOURNAL OF MATERIALS SCIENCE, vol.55, no.19, pp.7999-8040, 2020 (SCI-Expanded)
- XIV. **Impact and origin of the oxide-interface traps in Al/Yb₂O₃/n-Si/Al on the electrical characteristics**
KAHRAMAN A., KARACALI H., YILMAZ E.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.825, 2020 (SCI-Expanded)
- XV. **A comprehensive study on usage of Gd₂O₃ dielectric in MOS based radiation sensors considering frequency dependent radiation response**
KAHRAMAN A., YILMAZ E.
RADIATION PHYSICS AND CHEMISTRY, vol.152, pp.36-42, 2018 (SCI-Expanded)
- XVI. **Impact of interfacial layer using ultra-thin SiO₂ on electrical and structural characteristics of Gd₂O₃ MOS capacitor**
KAHRAMAN A., Gurer U., LÖK R., KAYA Ş., YILMAZ E.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.29, no.20, pp.17473-17482, 2018 (SCI-Expanded)
- XVII. **Understanding of post deposition annealing and substrate temperature effects on structural and electrical properties of Gd₂O₃ MOS capacitor**
KAHRAMAN A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.29, no.10, pp.7993-8001, 2018 (SCI-Expanded)
- XVIII. **Proposal of alternative sensitive region for MOS based radiation sensors: Yb₂O₃**
KAHRAMAN A., YILMAZ E.
JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A, vol.35, no.6, 2017 (SCI-Expanded)
- XIX. **Irradiation response of radio-frequency sputtered Al/Gd₂O₃/p-Si MOS capacitors**
KAHRAMAN A., YILMAZ E.
RADIATION PHYSICS AND CHEMISTRY, vol.139, pp.114-119, 2017 (SCI-Expanded)
- XX. **The Investigation of Radionuclide Concentrations in Soil and Lifetime Cancer Risk Due to Gamma Radioactivity in Zonguldak, Turkey**
Koray A., Akkaya G., Kahraman A., Kaynak G., Baldik R.
ACTA PHYSICA POLONICA A, vol.132, no.3, pp.1122-1125, 2017 (SCI-Expanded)
- XXI. **Investigation of RadFET response to X-ray and electron beams**
Yilmaz E., Kahraman A., McGarrigle A. M., Vasovic N., Yegen D., Jaksic A.
APPLIED RADIATION AND ISOTOPES, vol.127, pp.156-160, 2017 (SCI-Expanded)
- XXII. **Variation in the radon concentrations and outdoor gamma radiation levels in relation to different geological formations in the thermal regions of Bursa, Turkey**
AKKAYA G., KAHRAMAN A., Koray A., Kaynak G.
JOURNAL OF RADIOLOGICAL PROTECTION, vol.36, no.3, pp.490-503, 2016 (SCI-Expanded)
- XXIII. **Evaluation of Radiation Sensor Aspects of Er₂O₃ MOS Capacitors under Zero Gate Bias**
Kahraman A., YILMAZ E., AKTAĞ A., KAYA Ş.
IEEE TRANSACTIONS ON NUCLEAR SCIENCE, vol.63, no.2, pp.1284-1293, 2016 (SCI-Expanded)
- XXIV. **Effects of post deposition annealing, interface states and series resistance on electrical characteristics of HfO₂ MOS capacitors**
KAHRAMAN A., YILMAZ E., Kaya S., AKTAĞ A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.26, no.11, pp.8277-8284, 2015 (SCI-Expanded)

- XXV. **Effects of packing materials on the sensitivity of RadFET with HfO₂ gate dielectric for electron and photon sources**
Kahraman A., Yilmaz E., Kaya S., Aktag A.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol.170, no.10, pp.832-844, 2015 (SCI-Expanded)
- XXVI. **Frequency dependent gamma-ray irradiation response of Sm₂O₃ MOS capacitors**
Kaya S., Yilmaz E., Kahraman A., Karacali H.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.358, pp.188-193, 2015 (SCI-Expanded)
- XXVII. **A comprehensive study on the photon energy response of RadFET dosimeters using the PENELOPE Monte Carlo code**
Kahraman A., Kaya S., Jaksic A., Yilmaz E.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol.170, no.5, pp.367-376, 2015 (SCI-Expanded)
- XXVIII. **MEASUREMENTS OF RADON CONCENTRATIONS IN WATERS AND SOIL GAS OF ZONGULDAK, TURKEY**
Koray A., AKKAYA G., KAHRAMAN A., Kaynak G.
RADIATION PROTECTION DOSIMETRY, vol.162, no.3, pp.375-381, 2014 (SCI-Expanded)
- XXIX. **Measurement of Radon Level in Dwellings of the Yildirim County in Bursa**
Kahraman A., Poffijn A., Kaynak G.
ACTA PHYSICA POLONICA A, vol.125, no.2, pp.268-270, 2014 (SCI-Expanded)
- XXX. **Effect of Thermal Annealing on the Sensitivity of Makrofol-DE Polycarbonate**
Kahraman A., Poffijn A., Kaynak G.
ACTA PHYSICA POLONICA A, vol.125, no.2, pp.271-274, 2014 (SCI-Expanded)
- XXXI. **Radioactivity measurements in epiphytic lichens of Uludag Mountain in Western Anatolia**
Kahraman A., Kaynak G., Akkaya G., Gürler O., Yalcun S.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.295, no.2, pp.1057-1066, 2013 (SCI-Expanded)
- XXXII. **The investigation of radionuclide distributions in soil samples collected from Bursa, Turkey**
Akkaya G., Kaynak G., Kahraman A., Gurler O.
RADIATION PROTECTION DOSIMETRY, vol.152, no.4, pp.376-383, 2012 (SCI-Expanded)
- XXXIII. **MEASUREMENTS OF RADIUM LEVELS IN BOTTLED NATURAL SPRING WATER OF MARMARA REGION (TURKEY)**
AKAR TARIM Ü., GÜRLER O., KAHRAMAN A., Yalcin S., Kaynak G., Gundogdu O.
ROMANIAN JOURNAL OF PHYSICS, vol.57, pp.1204-1210, 2012 (SCI-Expanded)
- XXXIV. **MEASUREMENTS OF RADON LEVELS IN THERMAL WATERS OF BURSA, TURKEY**
GÜRLER O., AKAR TARIM Ü., KAHRAMAN A., Yalcin S., Kaynak G., Gundogdu O.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.19, pp.3013-3017, 2010 (SCI-Expanded)
- XXXV. **Calculation of angular distribution of 662 keV gamma rays by Monte Carlo method in copper medium**
Kahraman A., Ozmutlu E. N., Gurler O., Yalcin S., Kaynak G., Gundogdu O.
APPLIED RADIATION AND ISOTOPES, vol.67, no.12, pp.2083-2087, 2009 (SCI-Expanded)
- XXXVI. **Investigation of environmental contamination in lichens of Gokceada (Imbroz) Island in Turkey**
Kahraman A., Kaynak G., Gurler O., Yalcin S., Ozturk Ş., Gundogdu O.
RADIATION MEASUREMENTS, vol.44, no.2, pp.199-202, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **Dose responses of the SiO₂ used in radiation sensors in field effect transistor form**
KAHRAMAN A., MORKOÇ B., YILMAZ O., YILMAZ E.
Journal of Bionic Memory, vol.1, no.1, pp.6-13, 2021 (Peer-Reviewed Journal)
- II. **18 MV'luk Harici Işınımın Kullanıldığı Radyasyon Terapisinde RadFET Radyasyon Sensörleri**
MORKOÇ B., KAHRAMAN A., YEĞEN D., YILMAZ E.
Uludağ University Journal of The Faculty of Engineering, pp.309-318, 2019 (Peer-Reviewed Journal)

- III. **Electrical Parameters of the Erbium Oxide MOS Capacitor for Different Frequencies**
MORKOÇ B., KAHRAMAN A., AKTAĞ A., YILMAZ E.
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.15, pp.139-143, 2019 (Peer-Reviewed Journal)
- IV. **Effects of interface states and series resistance on the electrical characteristic of Sc2O3 MOS capacitor**
KAHRAMAN A., YILMAZ E.
Sakarya University Journal of Science, pp.1, 2018 (Peer-Reviewed Journal)
- V. **Farklı kapı oksitli RadFET dozimetrelerinin ışınlama öncesi elektriksel karakterizasyonlarının TCAD simülasyon programı ile değerlendirilmesi**
KAHRAMAN A., YILMAZ E.
SAÜ Fen Bilimleri Enstitüsü Dergisi, vol.21, no.6, pp.1258-1265, 2017 (Peer-Reviewed Journal)
- VI. **FARKLI B İMPLANTASYON KOŞULLARI İÇİN RADFET'LERİN ELEKTRİKSEL KARAKTERİZASYONUNUN TCAD BENZETİM PROGRAMI İLE İNCELENMESİ**
KAHRAMAN A., YILMAZ E.
Uludağ University Journal of The Faculty of Engineering, vol.22, no.2, pp.53-64, 2017 (Peer-Reviewed Journal)
- VII. **Correlation of radon and thoron concentrations with natural radioactivity of soil in Zonguldak, Turkey**
KORAY A., AKKAYA G., KAHRAMAN A.
AIP CONFERENCE PROCEEDINGS, vol.1815, no.060015, pp.1-4, 2017 (Peer-Reviewed Journal)
- VIII. **Mosses beta radioactivity in Katirli mountain-Bursa, Turkey**
Kahraman A., Kaynak Z. G., Akkaya G., Gültekin A., Gürler O., Yalçın S.
AIP Conference Proceedings, vol.899, pp.737, 2007 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **Silicon based P-I-N photodiode design by using TCAD simulation**
DOGANCI E., KAHRAMAN A., YILMAZ E.
INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS (RAP 2022), Thessaloniki, Greece, 6 - 10 June 2022
- II. **Gamma radiation effects on the electrical and structural properties of the HfSiO4 n-MOS**
KAHRAMAN A., YILMAZ E.
INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS (RAP 2021), 6 - 08 September 2021
- III. **ELECTRICAL CHARACTERISTIC AND RADIATION RESPONSE OF AL/YB2O3/SIO2/N-SI/AL MOS CAPACITOR**
MORKOÇ B., KAHRAMAN A., YILMAZ E.
TURKISH PHYSICAL SOCIETY 37TH INTERNATIONAL PHYSICS CONGRESS, 1 - 05 September 2021
- IV. **IRRADIATION EFFECT ON Er2O3/n-Si STRUCTURE UNDER HIGH GAMMA-RAY DOSE**
KAHRAMAN A., MORKOÇ B., MUTALE A., GÜRLER O., YILMAZ E.
International Conference on Radiation Applications, 1 - 05 June 2019
- V. **Influence of 18 MV X-Ray on the Electrical Characteristics of RadFET Radiation**
KAHRAMAN A., YILMAZ E., YEĞEN D., JAKSIC A.
4th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2017), 4 - 08 October 2017
- VI. **Zero bias gamma irradiation effects on Yb2O3 MOS devices**
KAHRAMAN A., YILMAZ E.
Turkish Physical Society 33rd International Physics Congress, 6 - 10 September 2017
- VII. **Post deposition annealing effects on the electrical characteristics of Er2O3 MOS capacitors**
YILMAZ E., KAHRAMAN A.
Turkish Physical Society 33rd International Physics Congress, 6 - 10 September 2017
- VIII. **Sc2O3 MOS KAPASİTÖRÜNÜN ELEKTRİKSEL KARAKTERİSTİĞİNİN FREKANS BAĞLI İNCELENMESİ**
KAHRAMAN A., YILMAZ E.

ADIMFİZİK GÜNLERİ VI, 19 - 21 July 2017

- IX. DETERMINATION OF GAMMA IRRADIATION RESPONSE OF Gd₂O₃ MOS CAPACITORS AT LOW FREQUENCY**
KAHRAMAN A., YILMAZ E.
FIFTH INTERNATIONAL CONFERENCE ON RADIATION AND APPLICATIONS IN VARIOUS FIELDS OF RESEARCH, 12 - 16 June 2017
- X. Correlation of Radon and Thoron Concentrations with Natural Radioactivity of Soil in Zonguldak, Turkey**
Koray A., AKKAYA G., KAHRAMAN A.
32nd International Physics Congress of Turkish-Physical-Society (TPS), Bodrum, Turkey, 6 - 09 September 2016, vol.1815
- XI. Gd₂O₃ MOS Kapasitörlerin Radyasyon Cevaplarının İncelenmesi**
KAHRAMAN A., YILMAZ E.
XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Turkey, 12 - 14 October 2016
- XII. Comparison of Simulation and Experimental Results of Packaging Materials on Radiation Sensitivity of nFETs**
KAYA Ş., KAHRAMAN A., LÖK R., KARAÇALI H., AKTAĞ A., YILMAZ E.
10th International Conference on Luminescence and ESR Dosimetry, 5 - 07 September 2016
- XIII. INVESTIGATION OF RADFET RESPONSE TO X RAY AND ELECTRON BEAMS IN REFERENCE CONDITIONS**
YILMAZ E., KAHRAMAN A., Yeğen D., JAKSIC A.
Fourth International Conference on Radiation and Applications in Various Fields of Research, 23 - 27 May 2016
- XIV. A DETAILED STUDY OF THE RADIATION RESPONSE OF ER₂O₃ MOS CAPACITOR UNDER ZERO GATE BIAS**
KAHRAMAN A., YILMAZ E., AKTAĞ A., KAYA Ş.
Fourth International Conference on Radiation and Applications in Various Fields of Research, 23 - 27 May 2016
- XV. A Detailed Study on Dosimetry Aspects of Gd₂O₃ MOS Capacitor under Zero Gate Bias**
YILMAZ E., KAHRAMAN A., LÖK R., AKTAĞ A.
A Meeting of the Materials Research Society, 28 March - 01 April 2016
- XVI. THE EFFECTS OF PACKAGE MATERIALS ON THE SENSITIVITY OF RADFET FOR ELECTRON AND PHOTON SOURCES**
KAHRAMAN A., KAYA Ş., ALİ OSMAN Ç., AKTAĞ A., TURAN R., YILMAZ E.
Third International Conference on Radiation and Applications in various Fields of Research, 8 - 12 June 2015
- XVII. IRRADIATION RESPONSE OF P AND N TYPE Sm₂O₃ MOS CAPACITORS**
KAYA Ş., ALİ OSMAN Ç., KAHRAMAN A., KARAÇALI H., YILMAZ E., TURAN R.
Third International Conference on Radiation and Applications in various Fields of Research, 8 - 12 June 2015
- XVIII. Investigation of photons with 662 and 1250 keV in Lead Media by PENELOPE Monte Carlo Simulation code**
LÖK R., YILMAZ E., KAHRAMAN A., KARAÇALI H., KAYA Ş., AKTAĞ A., SARAÇ H.
International Workshop on Theoretical and Experimental Studies in Nuclear Applications and Technology, 23 - 26 April 2015
- XIX. Usability of Sm₂O₃ as a Dielectric Layer in MOS Based Applications**
KAYA Ş., ALİ OSMAN Ç., KAHRAMAN A., KARAÇALI H., AKTAĞ A., YILMAZ E.
2015 MRS Spring Meeting & Exhibit, 6 - 10 April 2015
- XX. The effects of package materials on the sensitivity of RadFET with HfO₂ gate dielectric for electron and photon sources**
KAHRAMAN A., KAYA Ş., AKTAĞ A., YILMAZ E.
25th Seminar on Activation Analysis and Gamma Spectroscopy (SAAGAS), Aachen, Germany, Aachen, Germany, 23 - 25 February 2015
- XXI. Measurement of Radon Level in Dwellings of the Yıldırım County in Bursa**
KAHRAMAN A., ANDRE P., KAYNAK Z. G.

3rd International Advances in Applied Physics & Materials Sciences Congress APMAS2013, Antalya, Turkey, 24 - 28 April 2013

- XXII. **Effect of Thermal Annealing on the Sensitivity of Makrofol DE Polycarbonate**
KAHRAMAN A., ANDRE P., KAYNAK Z. G.
3rd International Advances in Applied Physics & Materials Sciences Congress APMAS2013, Antalya, Turkey, 24 - 28 April 2013
- XXIII. **Uludağ ın bazı bölgelerindeki musluk ve yeraltı sularında yaz mevsimi radon gazı seviyelerinin jeolojik yapıya bağlı olarak incelenmesi**
KAHRAMAN A., AKKAYA G., KAYNAK Z. G.
3. Uluslararası su kongresi ve sergisi, 22 - 24 March 2013
- XXIV. **Büyükorhan Bursa Doğal Kaynak Sularının Yaz Mevsimi Radon Konsantrasyonlarının ve Doz Değerlerinin Araştırılması**
AKKAYA G., KAHRAMAN A., KAYNAK Z. G.
3. Uluslararası Bursa Su Kongresi ve Sergisi, Bursa, Turkey, 22 - 24 March 2013
- XXV. **Measurements of Radon Concentrations in Waters of Zonguldak Turkey**
KORAY A., AKKAYA G., KAHRAMAN A., KAYNAK Z. G.
3. Uluslararası Bursa Su Kongresi ve Sergisi, Bursa, Turkey, 22 - 24 March 2013
- XXVI. **Uludağ ın Bazı Bölgelerindeki Musluk ve Yeraltı Sularında Yaz Mevsimi Radon Gazı Seviyelerinin Jeolojik Yapıya Bağlı Olarak İncelenmesi**
KAHRAMAN A., AKKAYA G., KAYNAK Z. G.
3. Uluslararası Bursa Su Kongresi ve Sergisi, Bursa, Turkey, 22 - 24 March 2013
- XXVII. **RADON CONCENTRATIONS IN THERMAL WATERS IN BURSA PROVINCE AND THE ASSOCIATED HEALTH EFFECTS**
AKKAYA G., KAHRAMAN A., KAYNAK Z. G.
Turkish Physical Society 29th International Physics Congress, 5 - 08 September 2012
- XXVIII. **ASSESSMENT OF GAMMA DOSE RATES IN BÜYÜKORHAN BURSA**
AKKAYA G., KAHRAMAN A., KAYNAK Z. G.
Turkish Physical Society 29th International Physics Congress, 5 - 08 September 2012
- XXIX. **EVALUATION OF RADON CONCENTRATION IN GROUNDWATER DURING SPRING SEASON IN BÜYÜKORHAN TOWNSHIP OF BURSA PROVINCE**
AKKAYA G., KAHRAMAN A., KAYNAK Z. G.
Turkish Physical Society 29th International Physics Congress, 5 - 08 September 2012
- XXX. **Heating Effect upon the Background Track Signal of Makrofol DE**
KAHRAMAN A., ANDRE P., KAYNAK Z. G.
Turkish Physical Society 29th International Physics Congress, 5 - 08 September 2012
- XXXI. **Measurement of the radon concentrations in drinking water in Uludag during spring season**
KAHRAMAN A., AKKAYA G., KAYNAK Z. G.
Turkish Physical Society 29th International Physics Congress, Bodrum, Turkey, 5 - 08 September 2012
- XXXII. **Assesment of Gamma Dose Rate Levels in Uludag Mountain**
KAHRAMAN A., AKKAYA G., KAYNAK Z. G.
Turkish Physical Society 29th International Physics Congress, 5 - 08 September 2012
- XXXIII. **Assesment of Gamma Dose Rates in Büyükorhan Bursa**
AKKAYA G., KAHRAMAN A., KAYNAK Z. G.
Turkish Physical Society 29th International Physics Congress, 5 - 08 September 2012
- XXXIV. **Radon Concentrations in Thermal Waters in Bursa Province and The Associated Health Effects**
AKKAYA G., KAHRAMAN A., KAYNAK Z. G.
Turkish Physical Society 29th International Physics Congress, 5 - 08 September 2012
- XXXV. **Evaluation of radon concentration in groundwater during spring season in Büyükorhan township of Bursa province**
AKKAYA G., KAHRAMAN A., KAYNAK Z. G.
Turkish Physical Society 29th International Physics Congress, Bodrum, Turkey, 5 - 08 September 2012

- XXXVI. **Application of Decomposition Techniques to measured spectra of 137Cs**
AKKAYA G., KAHRAMAN A., KAYNAK Z. G., GÜRLER O., YALÇIN S.
10 th International Balkan Workshop on Applied Physics, Constanta, Romania, 6 - 08 July 2009
- XXXVII. **The Beta Radioactivity Measurements in Lichens of Katırlı Mountain Bursa Turkey**
KAHRAMAN A., KAYNAK Z. G., GÜRLER O., ÖZTÜRK Ş., YALÇIN S.
10 th International Balkan Workshop on Applied Physics, Constanta, Romania, 6 - 08 July 2009
- XXXVIII. **Lichens as biomonitors of Uludag Mountain BURSA TURKEY**
KAHRAMAN A., KAYNAK Z. G., GÜRLER O., ÖZTÜRK Ş., YALÇIN S.
10 th International Balkan Workshop on Applied Physics, Constanta, Romania, 6 - 08 July 2009
- XXXIX. **Meaurements of Radon Levels in Bottled Natural Spring Water of Turkey**
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Scholarships

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