

# Prof. BELGİN KÜÇÜKÖMEROĞLU

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## International Researcher IDs

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## Education

Doctorate, Karadeniz Technical University, Fen Bilimleri, Fizik, Turkey 1986 - 1992

Postgraduate, Karadeniz Technical University, Fenbilimleri, Fizik Bölümü, Turkey 1983 - 1986

Undergraduate, Karadeniz Technical University, Fen-Edebiyat, Fizik Bölümü, Turkey 1979 - 1982

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Etkileşen Bozon Yaklaşıklığının U ve Dy İzotoplarına Uygulamaları, Karadeniz Technical University, Fizik, Nükleer Fizik, 1992

## Research Areas

Physics, Nuclear physics, Nuclear Structure, Natural Sciences

## Academic Positions

Professor, Karadeniz Technical University, Fen Fakültesi, Fizik, 2008 - Continues

## Academic and Administrative Experience

Karadeniz Technical University, Fen Fakültesi, Fizik, 2013 - 2018

## Supervised Theses

- Küçükömeroğlu B., Thesis, Postgraduate, A.Şen(Student), 2019
- Küçükömeroğlu B., Thesis, Postgraduate, V.Daştan(Student), 2019
- Küçükömeroğlu B., Thesis, Postgraduate, A.Karadeniz(Student), 2013
- Küçükömeroğlu B., The determination of natural radioactivity levels of spas located in the Middle and East Regions of Blacksea coast, Anatolia, Doctorate, S.Uzun(Student), 2013
- Küçükömeroğlu B., Thesis, Postgraduate, E.Öztürk(Student), 2012
- Küçükömeroğlu B., Determination of natural radioactivity levels and annual effective dose equivalents of Trabzon province and Şebinkarahisar county, Doctorate, A.Kurnaz(Student), 2009

## Journal articles indexed in SCI, SSCI, and AHCI

- I. **Gamma-ray absorbing characteristic of obsidian rocks as a potential material for radiation protection**  
Duran S., KÜÇÜKÖMEROĞLU B., Ciris A., ERSOY H.  
RADIATION PHYSICS AND CHEMISTRY, vol.199, 2022 (SCI-Expanded)
- II. **Gamma-ray absorbing characteristic of obsidian rocks as a potential material for radiation protection**  
Uzun Duran S., Küçükömeroğlu B., Çiriş A., Ersoy H.  
RADIATION PHYSICS AND CHEMISTRY, vol.199, pp.1-8, 2022 (SCI-Expanded)
- III. **Determination of radioactivity level of water supply network in Trabzon province, Turkey**  
Küçükömeroğlu B., Sen A., Duran S. U., Ciris A., Taskin H., Ersoy H.  
ISOTOPES IN ENVIRONMENTAL AND HEALTH STUDIES, vol.57, no.6, pp.610-622, 2021 (SCI-Expanded)
- IV. **Radioactivity measurements in spas of central and Eastern Black Sea region, Turkey**  
UZUN DURAN S., KÜÇÜKÖMEROĞLU B., ÇEVİK U., ÇELİK N., TAŞKIN H., ERSOY H.  
INTERNATIONAL JOURNAL OF RADIATION RESEARCH, no.17, pp.383-391, 2019 (SCI-Expanded)
- V. **Radioactivity measurements in spas of central and Eastern Black Sea region, Turkey**  
UZUN DURAN S., KÜÇÜKÖMEROĞLU B., ÇEVİK U., ÇELİK N., TAŞKIN H., ERSOY H.  
INTERNATIONAL JOURNAL OF RADIATION RESEARCH, no.17, pp.383-391, 2019 (SCI-Expanded)
- VI. **Radioactivity measurements in spas of central and Eastern Black Sea region, Turkey**  
Duran S., Küçükömeroğlu B., Çevik U., Celik N., Taskin H., Ersoy H.  
INTERNATIONAL JOURNAL OF RADIATION RESEARCH, vol.17, no.3, pp.383-391, 2019 (SCI-Expanded)
- VII. **Radioactivity measurements and risk assessments of spa waters in some areas in Turkey**  
DURAN S., KÜÇÜKÖMEROĞLU B., Damla N., TASKIN H., Celik N., ÇEVİK U., ERSOY H.  
ISOTOPES IN ENVIRONMENTAL AND HEALTH STUDIES, vol.53, no.1, pp.91-103, 2017 (SCI-Expanded)
- VIII. **Radiological maps in beach sands along some coastal regions of Turkey**  
KÜÇÜKÖMEROĞLU B., Karadeniz A., Damla N., Yesilkanat C. M., ÇEVİK U.  
MARINE POLLUTION BULLETIN, vol.112, pp.255-264, 2016 (SCI-Expanded)
- IX. **Indoor radon and gamma spectrometric measurements for the Erzincan Basin on North Anatolian Fault Zone, Turkey**  
KÜÇÜKÖMEROĞLU B., ÖZTÜRK E., Damla N., Celik N., DURAN S., ÇEVİK U., TASKIN H., ALBAYRAK N.  
INDOOR AND BUILT ENVIRONMENT, vol.25, no.5, pp.857-866, 2016 (SCI-Expanded)
- X. **A study of environmental radioactivity measurements in the Samsun province, Turkey**  
KÜÇÜKÖMEROĞLU B., MAKSUTOĞLU F., Damla N., ÇEVİK U., CELEBI N.  
RADIATION PROTECTION DOSIMETRY, vol.152, no.4, pp.369-375, 2012 (SCI-Expanded)
- XI. **Virtual point detector for HPGe detectors for 26.6-1332 keV photon energies by experiment and Monte Carlo simulation**  
Celik N., ÇEVİK U., KÜÇÜKÖMEROĞLU B.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.292, no.3, pp.1229-1235, 2012 (SCI-Expanded)
- XII. **Radon level and indoor gamma doses in dwellings of Trabzon, Turkey**  
KURNAZ A., KÜÇÜKÖMEROĞLU B., ÇEVİK U., CELEBI N.

- APPLIED RADIATION AND ISOTOPES, vol.69, no.10, pp.1554-1559, 2011 (SCI-Expanded)
- XIII. **Radiological characterisation of Artvin and Ardahan provinces of Turkey**  
KÜÇÜKÖMEROĞLU B., YEŞİLBAĞ Y. Ö., KURNAZ A., Celik N., ÇEVİK U., CELEBI N.  
RADIATION PROTECTION DOSIMETRY, vol.145, no.4, pp.389-394, 2011 (SCI-Expanded)
- XIV. **Radiological maps for Trabzon, Turkey**  
KURNAZ A., KÜÇÜKÖMEROĞLU B., Damla N., ÇEVİK U.  
JOURNAL OF ENVIRONMENTAL RADIOACTIVITY, vol.102, no.4, pp.393-399, 2011 (SCI-Expanded)
- XV. **Environmental radioactivity assessment for Bayburt, Turkey**  
KÜÇÜKÖMEROĞLU B., KURNAZ A., Damla N., ÇEVİK U., CELEBI N., ATAKSOR B., TASKIN H.  
JOURNAL OF RADIOLOGICAL PROTECTION, vol.29, no.3, pp.417-428, 2009 (SCI-Expanded)
- XVI. **Radioactivity in sediments and gross alpha-beta activities in surface water of Firtina River, Turkey**  
Kucuekoemeroglu B., KURNAZ A., Keser R., Korkmaz F., Okumusoglu N. T., KARAHAN G., ŞEN C., ÇEVİK U.  
ENVIRONMENTAL GEOLOGY, no.7, pp.1483-1491, 2008 (SCI-Expanded)
- XVII. **Determination of indoor radon and soil radioactivity levels in Giresun, Turkey**  
CELİK N., ÇEVİK U., Celik A., KÜÇÜKÖMEROĞLU B.  
JOURNAL OF ENVIRONMENTAL RADIOACTIVITY, vol.99, no.8, pp.1349-1354, 2008 (SCI-Expanded)
- XVIII. **Determination of radioactivity levels and hazards of soil and sediment samples in Firtina Valley (Rize, Turkey)**  
KURNAZ A., Kucuekoemeroglu B., KESER R., OKUMUSOGLU N. T., KORKMAZ F. M., KARAHAN G., Cevik U.  
APPLIED RADIATION AND ISOTOPES, no.11, pp.1281-1289, 2007 (SCI-Expanded)
- XIX. **IBM-2 calculation of  $\langle \text{SUP} \rangle 108-116 \langle /\text{SUP} \rangle$  Cd nuclei**  
Yilmaz A. H., Kucukomeroglu B., Atasoy V.  
SPECTROSCOPY LETTERS, no.5, pp.803-817, 1999 (SCI-Expanded)
- XX. **The structure of U232-238, Th228-232, Pu238-242, nuclei in the interacting boson approximation model**  
Kucukomeroglu B., DIRIM H.  
SPECTROSCOPY LETTERS, vol.30, no.3, pp.535-543, 1997 (SCI-Expanded)
- XXI. **THE INTERACTING BOSON APPROXIMATION MODEL OF THE DEFORMED-NUCLEI DY-158-162, W-182-186, AND GD-158**  
KUCUKOMEROGLU B., DIRIM H.  
SPECTROSCOPY LETTERS, vol.28, no.1, pp.89-100, 1995 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Gamma Ray Shielding Properties and Natural Radioactivity of Some Rocks of Trabzon District, Türkiye**  
Gümrükçüoğlu N., Uzun Duran S., Bayram T., Küçükömeroğlu B., Yılmaz A. H.  
EGYPTIAN JOURNAL OF SOIL SCIENCE, vol.63, no.3, pp.381-390, 2023 (ESCI)
- II. **Fatsa-Sarmaşık Kaplıcasında Radon Konsantrasyonunun Belirlenmesi (Ordu İli)**  
Uzun Duran S., Küçükömeroğlu B., Taşkın H.  
BİLTİS EREN ÜNİVERSİTESİ FEN BİLİMLERİ DERGİSİ, vol.9, no.3, pp.1145-1152, 2020 (Peer-Reviewed Journal)
- III. **Fatsa-Sarmaşık Kaplıcasında Radon Aktivite Konsantrasyonunun Belirlenmesi (Ordu İli)**  
UZUN DURAN S., KÜÇÜKÖMEROĞLU B., taşkın h.  
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, 2020 (Peer-Reviewed Journal)
- IV. **Karadeniz Teknik Üniversitesi Kanuni Kampüsü'nde Bazı Ofislerde Radon Gazı Ölçümü ve Çevrelerindeki Topraklarda Radyonüklid Seviyeleri**  
UZUN DURAN S., KÜÇÜKÖMEROĞLU B.  
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.9, no.1, pp.68-77, 2020 (Peer-Reviewed Journal)
- V. **Andon Bölgesi'nden Alınan Toprak ve İçme Suyu Örneklerinde Radyoaktivite Düzeyleri (Rize İli, Türkiye)**

UZUN DURAN S., KÜÇÜKÖMEROĞLU B., ÇİRİŞ A., ÇELİK N.

Karadeniz Fen Bilimleri Dergisi, vol.9, no.2, pp.253-263, 2019 (Peer-Reviewed Journal)

**VI. Radioactivity Levels in Soil And Drinking Water Samples Collected from Andon Region (Rize Province, Turkey)**

UZUN DURAN S., KÜÇÜKÖMEROĞLU B., ÇİRİŞ A., ÇELİK N.

Karadeniz Fen Bilimleri Dergisi, vol.9, no.2, pp.253-263, 2019 (Peer-Reviewed Journal)

**VII. Indoor Radon (222-Rn) Concentrations Measurements in Dwellings of the Erzincan Province, Turkey**  
KÜÇÜKÖMEROĞLU B.

Azerbaijan Journal of Physics - Fizika, vol.16, no.2, pp.527-529, 2010 (Peer-Reviewed Journal)

**VIII. The interacting boson approximation model of the deformed nuclei 158–162Dy, 182–186W, and 158Gd**

KÜÇÜKÖMEROĞLU B., Dirim H.

Spectroscopy Letters, vol.28, no.1, pp.89-100, 1995 (Scopus)

## Books

**I. Radyasyon ve Radyasyondan Korunma Fiziği**

KÜÇÜKÖMEROĞLU B.

Palme Yayın Dağıtım, Ankara, 2013

**II. Nükleer Fizik Problem Çözümleri**

KÜÇÜKÖMEROĞLU B.

Palme, Ankara, 2001

**III. Nükleer Fizik 1.Cilt**

KÜÇÜKÖMEROĞLU B.

Palme Yayın Dağıtım, Ankara, 2001

**IV. Nükleer Fizik Cilt-2**

KÜÇÜKÖMEROĞLU B.

Palme, Ankara, 2001

## Papers Presented at Peer-Reviewed Scientific Conferences

**I. Indoor air radon concentrations of the spas in the Samsun of Turkey**

KÜÇÜKÖMEROĞLU B.

Turkish Physical Society, 27th International Physical Congress, r 2010, İstanbul-Turkey,, İstanbul, Turkey, pp.1, (Summary Text)

**II. Determinaton of Trabzon in Drinking Water Network and Around the Radioactivity Levels**

Şen A., KÜÇÜKÖMEROĞLU B., UZUN DURAN S., ÇİRİŞ A., Taşkın H.

Turkish Physical Society 34TH International Physics Congress, 5 - 09 October 2018

**III. RADON CONCENTRATION MEASUREMENTS IN OFFICES AT KARADENİZ TECHNICAL UNIVERSTY CAMPUS IN TRABZON CITY**

UZUN DURAN S., KÜÇÜKÖMEROĞLU B.

XI. International Conference on Nuclear Structure Properties, Trabzon, Turkey, 12 - 15 September 2018, pp.1, (Summary Text)

**IV. Development of Phosphor Composit Materials Using Friction Stir Processing**

KÜÇÜKÖMEROĞLU B., KÜÇÜKÖMEROĞLU T., DURUKAN GÜLTEPE M., EGE A.

11th International Conference on Luminescence and ESR Dosimetry, Gaziantep, Turkey, 5 - 07 September 2018, pp.31, (Summary Text)

**V. Determination of Trabzon in Drinking Water Network and Around the Radioactivity Levels**

ŞEN A., KÜÇÜKÖMEROĞLU B., UZUN DURAN S., ÇİRİŞ A., TAŞKIN H.

Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.1,  
(Summary Text)

- VI. **RADON CONCENTRATIONS IN DRINKING WATERS OF TRABZON PROVINCE, TURKEY**  
KÜÇÜKÖMEROĞLU B., UZUN DURAN S., ŞEN A., ÇİRİŞ A., TAŞKIN H., ÇEVİK U.  
RAD 2018, 18 - 22 June 2018
- VII. **Radon Concentrations in Drinking Waters of Trabzon Province, Turkey**  
KÜÇÜKÖMEROĞLU B., UZUN DURAN S., ŞEN A., ÇİRİŞ A., TAŞKIN H., ÇEVİK U.  
International Conference on Radiation and Applications in Various Fields of Research, 18 - 22 June 2018
- VIII. **Monte Carlo determination of the effect of dead-layer thickness of a coaxial HPGE detector on full energy peak efficiency**  
ÇELİK N., ÇEVİK U., KÜÇÜKÖMEROĞLU B., DAMLA N.  
FİFTH İNTERNATİONAL CONFERERENCE, on radiation applications in various field on research, 12 - 16 June 2017,  
(Summary Text)
- IX. **Investigations of radioactivity levels in soils and drinking waters of Andon region (rize city, Turkey)**  
KÜÇÜKÖMEROĞLU B., Duran S., DAMLA N., ÇELİK N.  
FİFTH İNTERNATİONAL CONFERERENCE, on radiation applications in various field on research, 12 - 16 June 2017,  
(Summary Text)
- X. **Investigation of Radioactivity Levels in soils and Drinking Water of Andon Region (Rize City, TURKEY)**  
KÜÇÜKÖMEROĞLU B., UZUN DURAN S., DAMLA N., ÇELİK N.  
rad-2017, 12 - 16 June 2017, pp.397, (Full Text)
- XI. **Fatsa İlca Kaplıcalarında Radon Konsantrasyonunun Belirlenmesi**  
Duran S., KÜÇÜKÖMEROĞLU B., DAMLA N., TAŞKIN H., ŞEN A.  
X1.Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, 12 - 14 October 2016, (Summary Text)
- XII. **Fatsa İlca Kaplıcalarında Radon Konsantrasyonunun Belirlenmesi**  
UZUN DURAN S., KÜÇÜKÖMEROĞLU B., DAMLA N., TAŞKIN H., ŞEN A.  
XI. Ulusal Nükleer Bilimler Kongresi, Muğla, Turkey, 12 - 14 October 2016, pp.1, (Summary Text)
- XIII. **Thermoluminescence Properties of Natural Calcite Minerals in Çal Cave**  
Daştan V., KÜÇÜKÖMEROĞLU B., EGE A.  
Lumidoz-10, 5 - 07 September 2016, (Summary Text)
- XIV. **Determination Of Gross Alpha And Beta Activity Concentrations In Drinking Waters In Trabzon Turkey**  
ŞEN A., TAŞKIN H., UZUN DURAN S., DAMLA N., KÜÇÜKÖMEROĞLU B.  
TFD-32, Muğla, Turkey, 06 September 2016, pp.1, (Summary Text)
- XV. **Assessment of Gross Alpha and Beta Activity in Drinking Waters of Trabzon Turkey**  
ŞEN A., TAŞKIN H., DURAN S., KÜÇÜKÖMEROĞLU B., DAŞTAN V., DAMLA N.  
Turkish Physical Society 32nd International Physics Congress, 6 September - 09 June 2016, (Summary Text)
- XVI. **Doğu Karadeniz Bölgesindeki Kaplıcaların Havaında ve Sularında Aktif Ve Pasif Radon Ölçümleri**  
UZUN DURAN S., KÜÇÜKÖMEROĞLU B., TAŞKIN H., DAMLA N., ÇELİK N., ALBAYRAK N.  
Turkish Physical Society 30h International Physics Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.1,  
(Summary Text)
- XVII. **Gross alpha and beta activity in spa waters in Samsun and Rize City**  
KÜÇÜKÖMEROĞLU B.  
Turkish Physical Society 29th International Physics Congress, Muğla, Turkey, 05 September 2012 - 08 September 2011, pp.3-6, (Summary Text)
- XVIII. **Evaluation of Radon Concentration in spa waters in Samsun and Rize City**  
KÜÇÜKÖMEROĞLU B.  
Turkish Physical Society 29th International Physics Congress, Muğla, Turkey, 5 - 08 September 2012, pp.1-4,  
(Summary Text)
- XIX. **Evaluation of Radon Concentration in Spa Waters in Samsun and Rize city, Turkey**  
UZUN DURAN S., KÜÇÜKÖMEROĞLU B., DAMLA N., TAŞKIN H.

- Turkish Physical Society 29th International Physics Congress, Muğla, Turkey, 5 - 08 September 2012, pp.1, (Full Text)
- XX. **Gross Alpha and Beta Activity in Spa Waters in Samsun and Rize City, Turkey**  
UZUN DURAN S., TAŞKIN H., KÜÇÜKÖMEROĞLU B., DAMLA N.  
Turkish Physical Society 29th International Physics Congress, Muğla, Turkey, 5 - 08 September 2012, pp.1, (Full Text)
- XXI. **Indoor Radon Concentrations of the Spas in Rize, Turkey**  
UZUN DURAN S., KÜÇÜKÖMEROĞLU B., DAMLA N., ALBAYRAK N., ATAKSOR B.  
Turkish Physical Society 28th International Physics Congress, Muğla, Turkey, 6 - 09 September 2011, pp.1, (Summary Text)
- XXII. **Indoor radon concentrations of the saps in Rize, Turkey**  
KÜÇÜKÖMEROĞLU B.  
. Turkish Physical Society 28th International Physics Congress, 6-9 September 2011, Muğla, Turkey, 6 - 09 September 2011, pp.4-6, (Summary Text)
- XXIII. **Indoor air radon concentrations of the spas in the Samsun of Turkey**  
KÜÇÜKÖMEROĞLU B.  
27th International Physical Congress, İstanbul, Turkey, 14 - 17 September 2010, pp.3-5, (Summary Text)
- XXIV. **Indoor Air Radon Concentrations of the Spas in the Samsun of Turkey**  
UZUN DURAN S., ÇELİK N., KÜÇÜKÖMEROĞLU B., DAMLA N.  
Türk Fizik Derneği 27. Uluslararası Fizik Kongresi,, İstanbul, Turkey, 14 - 17 September 2010, pp.1, (Summary Text)
- XXV. **Indoor Radon Concentration Measurements in Samsun**  
KÜÇÜKÖMEROĞLU B.  
26. International Physics Congress, Muğla, Turkey, 24 - 27 September 2009, pp.10-12, (Summary Text)
- XXVI. **Seasonal Variation of Indoor Radon Levels in Trabzon**  
KÜÇÜKÖMEROĞLU B.  
26. International Physics Congress, Muğla, Turkey, 24 - 27 September 2009, pp.5-8, (Summary Text)
- XXVII. **Seasonal Variation of Indoor Radon in Dwellings of Ardahan-Turkey**  
KÜÇÜKÖMEROĞLU B.  
26. International Physics Congress, Muğla, Turkey, 24 - 27 September 2009, pp.14-16, (Summary Text)
- XXVIII. **Indoor And Outdoor Gamma Dose Measurements For Specific Counties of Trabzon**  
KURNAZ A., KÜÇÜKÖMEROĞLU B., Okumuşoğlu N. T., YEŞİLBAĞ Y. Ö.  
7th International Conference of the Balkan-Physical-Union, Alexandroupoli, Greece, 9 - 13 September 2009, (Summary Text)
- XXIX. **Indoor and Outdoor Gamma Dose Measurements for Specific Counties of Trabzon-Turkey**  
KÜÇÜKÖMEROĞLU B.  
7th General Conference of the Balkan Physical Union, Athens, Greece, 9 - 13 September 2009, pp.8-12, (Full Text)
- XXX. **Seasonal Variation of Indoor Radon in Artvin-Turkey**  
KÜÇÜKÖMEROĞLU B.  
7th General Conference of the Balkan Physical Union, Athens, Greece, 9 - 13 September 2009, pp.4-6, (Full Text)
- XXXI. **Seasonal Indoor Radon Measurements in Artvin-Turkey**  
KÜÇÜKÖMEROĞLU B.  
25. International Physics Congress, Muğla, Turkey, 25 - 29 August 2009, pp.8-10, (Summary Text)
- XXXII. **Indoor And Outdoor Gamma Dose Measurements For Specific Counties of Trabzon-Turkey**  
KURNAZ A., KÜÇÜKÖMEROĞLU B., OKUMUSOĞLU N. T., YEŞİLBAĞ Y. Ö.  
7th International Conference of the Balkan-Physical-Union, Alexandroupoli, Greece, 9 - 13 September 2009, vol.1203, pp.379-380, (Full Text)
- XXXIII. **Radon survey in dewellings of Ardahan, Turkey**  
KÜÇÜKÖMEROĞLU B.  
. 25th International Physics Congress, Turkish Physical Society, Muğla, Turkey, 25 - 29 August 2008, pp.8-10, (Summary Text)

- XXXIV. **Assessment of Background Radioactivity for Specific Counties of Trabzon-Turkey**  
KÜÇÜKÖMEROĞLU B.  
25. International Physics Congress, Bodrum/Muğla, Muğla, Turkey, 25 - 29 August 2008, pp.4-6, (Summary Text)
- XXXV. **Indoor Radon Concentration Measurement in Samsun**  
KÜÇÜKÖMEROĞLU B.  
25. International Physics Congress, Muğla, Turkey, 25 - 29 August 2008, pp.5-7, (Summary Text)
- XXXVI. **Indoor Radon Measurement in the province of Batman**  
KÜÇÜKÖMEROĞLU B.  
Turkish Physical Society, Muğla, Turkey, 25 - 29 August 2008, pp.9-12, (Summary Text)
- XXXVII. **Radon Survey in Dwellings of Ardahan, Turkey**  
KÜÇÜKÖMEROĞLU B.  
25. International Physics Congress, Bodrum/Muğla, Muğla, Turkey, 25 - 29 August 2008, pp.14-16, (Summary Text)
- XXXVIII. **Indoor Radon ( $^{222}\text{Rn}$ ) Measurements and Influencing Factors in a Specific Location of Turkey**  
KÜÇÜKÖMEROĞLU B.  
25. International Physics Congress, Muğla, Turkey, 25 - 29 August 2008, pp.1-3, (Summary Text)
- XXXIX. **Determination of interaction depth of gamma - rays in a HPGe detector**  
KÜÇÜKÖMEROĞLU B.  
, 25th International Physical Congress, Muğla, Turkey, 25 - 29 August 2008, pp.1-2, (Summary Text)
- XL. **Assessment Of Background Radioactivity for Specific Counties Of Trabzon-Turkey**  
KÜÇÜKÖMEROĞLU B.  
Turkish Physical Society, 25th International Physical Congress, Muğla, Turkey, 25 - 29 August 2008, pp.3-5, (Summary Text)
- XLI. **Radon Level in Dwellings of Trabzon-Turkey**  
KÜÇÜKÖMEROĞLU B.  
24. International Physics Congress, Muğla, Turkey, 28 - 31 August 2007, pp.16-18, (Summary Text)
- XLII. **Artificial and Natural Radioactivity Levels in Waters, Soils and Sediments of Fırtına Valley, Turkey**  
KÜÇÜKÖMEROĞLU B.  
, 6. International Balkan Physics Congress, İstanbul, Turkey, 22 - 26 August 2006, pp.25-27, (Summary Text)
- XLIII. **Determination of Natural Radioactivity Levels at Fırtına Valley and Its Surrounding**  
KÜÇÜKÖMEROĞLU B.  
23. International Physics Congress, Muğla, Turkey, 13 - 16 September 2005, pp.40-42, (Summary Text)
- XLIV. **Fırtına Vadisinin Doğal Radyoaktivite Özelliklerinin Belirlenmesi Üzerine Bir Çalışma**  
KESER R., KURNAZ A., Korkmaz F., Karahan G., KÜÇÜKÖMEROĞLU B., Nazmi Turan O.  
22.Ulusal Fizik Kongresi, Muğla, Turkey, 14 - 17 September 2004, (Summary Text)
- XLV. **Cd 100 106 İzotoplarının IBM 2 ile İncelenmesi**  
YILMAZ A. H., KÜÇÜKÖMEROĞLU B.  
17.Ulusal Fizik Kongresi, Alanya, Turkey, 27 - 31 October 1998, (Summary Text)
- XLVI. **Etkileşen Bozon Yaklaşıklığının Dy 66 İzotoplarına Uygulanması**  
KÜÇÜKÖMEROĞLU B., Dirim H.  
TFD-14. Ulusal Fizik Kongresi, Lefkoşa, Cyprus (Kktc), 25 - 27 October 1993, (Summary Text)

## **Funded Projects**

Bayram T., Ghalehasadi A., Ashrafi S., Küçükömeroğlu B., Project Supported by Higher Education Institutions, Regional Investigation of Radioactive Pollution Raised from Metsamor Nuclear Power Plant Based on Air Distribution, 2025 - 2026

Küçükömeroğlu B., Project Supported by Higher Education Institutions, Metsamor Nükleer Güç Santrali Kaynaklı Radyoaktif Kirliliğin Hava Dağılımına Bağlı Bölgesel İncelenmesi, 2025 - 2026

UZUN DURAN S., FIRAT ERSOY A., KÜÇÜKÖMEROĞLU B., DİZMAN S., Project Supported by Higher Education Institutions,

6 Şubat Depremi Sonrası Deprem Bölgesinde Bulunan Kaplıçalarda Radon Gazı Ölçümü, 2023 - 2025

Uzun Duran S., Küçükömeroğlu B., Dizman S., TÜBİTAK Project, 6 Şubat 2023 Depreminin Meydana Geldiği Bölgelerdeki Termal Sularda ve Toprakta Radon Miktarının Tespiti ve Deprem ile İlişkinin Araştırılması, 2023 - 2023

GÜMRÜKÇÜOĞLU N., UZUN DURAN S., KÜÇÜKÖMEROĞLU B., YILMAZ A. H., BAYRAM T., Project Supported by Higher Education Institutions, Trabzon İli ve Yakın Çevresinde Çıkarılan Bazı Kayaç Türlerinin Gama Radyasyonu Soğurma Özelliklerinin İncelenmesi, 2018 - 2020

KÜÇÜKÖMEROĞLU B., ŞEN A. G., UZUNDURAN S., Project Supported by Higher Education Institutions, Trabzon İli İçme Suyu Şebekelerinde ve Çevresinde Radyoaktivite Düzeyinin Belirlenmesi, 2016 - 2017

Uzun Duran S., Küçükömeroğlu B., Project Supported by Higher Education Institutions, Trabzon İli İçme Suyu Şebekelerinde ve Çevresinde Radyoaktivite Düzeyinin Belirlenmesi", BAP Araştırma Projesi, KTÜ- BAP-FHD-2016-5586, Araştırmacı, 2017, 2016 - 2017

Uzun Duran S., Küçükömeroğlu B., Project Supported by Higher Education Institutions, Karadeniz Bölgesindeki Bazı Kaplıçalarda ve Çevresinde Radyoaktivite Araştırılması, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, 2009 - 2013

KÜÇÜKÖMEROĞLU B., Project Supported by Higher Education Institutions, Karadeniz Bölgesindeki Bazı Kaplıçalarda Ve Çevresinde Radyoaktivite Araştırılması, 2009 - 2012

KÜÇÜKÖMEROĞLU B., Project Supported by Higher Education Institutions, Trabzon ve Giresun çevresinin doğal radyasyon seviyesinin tayini ve yıllık etkin doz eşdeğerleri, 2008 - 2011

KÜÇÜKÖMEROĞLU B., Project Supported by Higher Education Institutions, Artvin ve Ardahan illerinde ev içi radon konsantrasyonları ve çevresindeki topraklarda radyoaktivite araştırmaları, 2008 - 2010

Yomralıoğlu T., Çan G., Aydın F., Yavuz H., Arslan M., Küçükömeroğlu B., Çolak H. E., TÜBİTAK Project, Doğu Karadeniz Bölgesine Ait Kanser Vaka-Risk Haritalarının Coğrafi Bilgi Sistemleri İle Üretilmesi ve Geo-İstatistiksel Olarak İrdelenmesi, 2005 - 2008

## Scientific Project Refereeing

Project Supported by Higher Education Institutions, February 2017

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