

## Prof. Nesrin Altinsoy

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: ABB-3138-2020

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### Education Information

Doctorate, Istanbul Technical University, Enerji Enstitüsü, Nükleer Uygulamalar Anabilim Dalı, Turkey 1990 - 1997

### Foreign Languages

English

### Dissertations

Doctorate, Radyoaktif izleme tekniği ile düşey borularda türbülanslı akış incelemesi ve yeni bir korelasyon, İstanbul Teknik Üniversitesi, Nükleer Enerji Enstitüsü, Nükleer Uygulamalar Abd, 1997

Postgraduate, Radyoaktif izleyici tekniği ile bir açık kanalda, laminar rejim akış takibi, İstanbul Teknik Üniversitesi, Nükleer Enerji Enstitüsü, Nükleer Uygulamalar Abd, 1990

### Research Areas

Physics, Nuclear physics, Experimental Methods of Particle and Nuclear Physics, Natural Sciences

### Academic Titles / Tasks

Professor, Istanbul Technical University, Enerji Enstitüsü, Nükleer Araştırmalar, 2014 - Continues

Associate Professor, Istanbul Technical University, Enerji Enstitüsü, Nükleer Araştırmalar, 2007 - 2014

### Academic and Administrative Experience

İstanbul Teknik Üniversitesi, Enerji Enstitüsü, 2006 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Radioactivity survey and risk assessment study for drinking water in capital city Ankara, Turkey**  
Kapdan E., Altınsoy N., Taskin H., Karahan G.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2022 (SCI-Expanded)
- II. **ESTIMATION OF ADULT PATIENT DOSES FOR CHEST X-RAY EXAMINATIONS AND COMPARISON WITH DIAGNOSTIC REFERENCE LEVELS (DRLS)**  
Mor H. B., Altınsoy N., Soylar I.  
RADIATION PROTECTION DOSIMETRY, vol.182, no.3, pp.377-385, 2018 (SCI-Expanded)
- III. **Outdoor radioactivity and health risk assessment for capital city Ankara, Turkey**  
Kapdan E., Altınsoy N., Karahan G., Yuksel A.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.318, no.2, pp.1033-1042, 2018 (SCI-Expanded)
- IV. **Calculation of gamma ray attenuation coefficients of some granite samples using a Monte Carlo simulation code**  
Ozyurt O., Altınsoy N., Karaaslan S. I., Bora A., Buyuk B., Erk I.  
RADIATION PHYSICS AND CHEMISTRY, vol.144, pp.271-275, 2018 (SCI-Expanded)
- V. **Investigation of Natural Radioactivity of Surface Soil Samples in the Vicinity of Edirne-Turkey**  
Zaim N., Tugrul A. B., Atlas H., BUYUK B., Demir E., Baydoğan N., Altınsoy N.  
ACTA PHYSICA POLONICA A, vol.130, no.1, pp.64-67, 2016 (SCI-Expanded)
- VI. **Investigation of Shielding Performance of Concretes Produced with Iron Fillings Using Betatron X-Ray Radiography**  
Ozyurt O., Altınsoy N., BUYUK B., FENERCI E.  
ACTA PHYSICA POLONICA A, vol.129, no.4, pp.829-831, 2016 (SCI-Expanded)
- VII. **Investigation for remediation of selenium aqueous environment with using organic pillared bentonite by radiotracer technique**  
Tugrul A. B., Hacıyakupoğlu S., Erentürk S., KARATEPE N., BAYTAS F., Baydoğan N., Altınsoy N., BUYUK B., ORUCOGLU E., Demir E., et al.  
Acta Physica Polonica A, vol.127, no.4, pp.1186-1188, 2015 (SCI-Expanded)
- VIII. **Wall Thickness Measurement of Pipes by Using Digital Radiography**  
Çobanoğlu M., Altınsoy N.  
ACTA PHYSICA POLONICA A, vol.127, no.4, 2015 (SCI-Expanded)
- IX. **Investigation of Gamma Ray and Neutron Attenuation Coefficients for Granites Produced in Turkey**  
Osman Ö., Altınsoy N., Büyük B.  
ACTA PHYSICA POLONICA A, vol.127, no.4, 2015 (SCI-Expanded)
- X. **Kinetic and thermodynamic behavior of selenium on modified bentonite and activated carbon using radiotracer technique**  
Tugrul B., Erentürk S., Hacıyakupoğlu S., KARATEPE N., Altınsoy N., Baydoğan N., BAYTAS F., BUYUK B., Demir E., GEDİK S.  
Acta Physica Polonica A, vol.128, no.2, pp.180-181, 2015 (SCI-Expanded)
- XI. **Indoor radon levels in workplaces of Adapazari, north-western Turkey**  
Kapdan E., Altınsoy N.  
JOURNAL OF EARTH SYSTEM SCIENCE, vol.123, no.1, pp.213-217, 2014 (SCI-Expanded)
- XII. **Investigation of helical flow by using tracer technique**  
BAYDOĞAN N., TUĞRUL A. B., ALTINSOY N., YAVUZ N., BAYTAŞ A. F., Büyük B.  
EPJ WEB OF CONFERENCES, vol.50, no.01001, pp.1-4, 2013 (SCI-Expanded)
- XIII. **Determination of the health hazards due to background radiation sources in the city of Adapazari, Northwestern Turkey**  
Kapdan E., Altınsoy N., Karahan G., Taskin H.  
ISOTOPES IN ENVIRONMENTAL AND HEALTH STUDIES, vol.47, no.1, pp.93-100, 2011 (SCI-Expanded)
- XIV. **A STUDY OF INDOOR RADON LEVELS IN RURAL DWELLINGS OF EZINE CANAKKALE TURKEY USING SOLID STATE NUCLEAR TRACK DETECTORS**  
Örgün Tutay Y., ALTINSOY N., YILMAZ ŞAHİN S., Ataksor B., Nilgün Ç.  
RADIATION PROTECTION DOSIMETRY, vol.131, no.3, pp.379-384, 2008 (SCI-Expanded)

- XV. **Natural and anthropogenic radionuclides in rocks and beach sands from Ezine region (Canakkale), Western Anatolia, Turkey**  
Orgun Y., Altinsoy N., Sahin S. Y., Gungor Y., Gultekin A. H., Karahan G., Karacik Z.  
APPLIED RADIATION AND ISOTOPES, vol.65, no.6, pp.739-747, 2007 (SCI-Expanded)
- XVI. **Natural and anthropogenic radionuclides in rocks and beach sands from Ezine Region Çanakkale western Anatolia Turkey**  
ÖRGÜN TUTAY Y., ALTINSOY N., Şahin S., GÜNGÖR Y., Gültekin A. H., Karahan G., KARACIK Z.  
APPLIED RADIATION AND ISOTOPES, vol.0, no.65, pp.739-747, 2007 (SCI-Expanded)
- XVII. **Natural radioactivity levels in granitic plutons and groundwaters in Southeast part of Eskisehir, Turkey**  
Orgun Y., Altinsoy N., Gultekin A., Karahan J., Celebi N.  
APPLIED RADIATION AND ISOTOPES, vol.63, no.2, pp.267-275, 2005 (SCI-Expanded)
- XVIII. **Natural radioactivity levels in granitic plutons and groundwaters in Southeast part of Eskişehir Turkey**  
ÖRGÜN TUTAY Y., ALTINSOY N., Gültekin A. H., Karahan G., Çelebi N.  
APPLIED RADIATION AND ISOTOPES, vol.0, no.63, pp.267-275, 2005 (SCI-Expanded)
- XIX. **A new modification of the radiotracer balance method for open channel flow measurement**  
Tugrul A., Altinsoy N.  
FLOW MEASUREMENT AND INSTRUMENTATION, vol.12, pp.341-344, 2002 (SCI-Expanded)
- XX. **A new proposal for Lagrangian correlation coefficient**  
Altinsoy N., Tugrul A.  
INTERNATIONAL JOURNAL OF HEAT AND FLUID FLOW, vol.23, no.6, pp.766-768, 2002 (SCI-Expanded)
- XXI. **A New Proposal Lagrangian Correlation Coefficient**  
ALTINSOY N., Tuğrul A. B.  
INTERNATIONAL JOURNAL OF HEAT AND FLUID FLOW, vol.23, pp.766-768, 2002 (SCI-Expanded)
- XXII. **A New Modification of Radiotracer Balance Method For Open Channel Flow Measurement**  
Tuğrul A. B., ALTINSOY N.  
FLOW MEASUREMENT AND INSTRUMENTATION, vol.12, pp.341-344, 2002 (SCI-Expanded)
- XXIII. **A New Lagrangian Correlation Coefficient**  
Altinsoy N., TUĞRUL A. B.  
INTERNATIONAL JOURNAL OF HEAT AND FLUID FLOW, vol.23, no.6, 2002 (SCI-Expanded)
- XXIV. **A radiotracer application for the turbulent dispersion of fluids**  
Altinsoy N., Tugrul A.  
APPLIED RADIATION AND ISOTOPES, vol.51, no.4, pp.367-375, 1999 (SCI-Expanded)
- XXV. **A Radiotracer Application For Turbulent Dispersion of Fluids**  
ALTINSOY N., Tuğrul A. B.  
APPLIED RADIATION AND ISOTOPES, vol.51, pp.367-375, 1999 (SCI-Expanded)
- XXVI. **DETERMINATION OF FLOW PARAMETERS FOR PIPE FLOWS BY THE RADIOTRACER TECHNIQUES**  
TUGRUL B., KARA N.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY-ARTICLES, vol.180, no.2, pp.245-253, 1994 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Evaluation for elimination of methylene-orange from aqueous media by using membrane**  
TUĞRUL A. B., ALTINSOY N., DEMİR E., ERENTÜRK S., YAVUZ N., HACIYAKUPOĞLU S., BÜYÜK B., BAYDOĞAN N., BAYTAŞ A. F.  
AIP Conference Proceedings, 2017 (Peer-Reviewed Journal)
- II. **Determination of Photon Mass Attenuation Coefficient for Some Phantom Materials using GATE Code and Comparison with Experimental and XCOM Data**

Erk İ., Altınsoy N., Karaaslan Ş. İ., Bora A.

International Journal of Nuclear, and Radiation Science and Technology, vol.1, no.2, pp.11-13, 2016 (Peer-Reviewed Journal)

- III. **Evaluation of Rubidium and Potassium Diffusion in Soil by Radiotracer Technique**  
BAYDOĞAN N., DEMİR E., BAYTAŞ A. F., ALTINSOY N., TUĞRUL A. B., Büyük B.  
Defect and Diffusion Forum, vol.353, pp.199-204, 2014 (Peer-Reviewed Journal)
- IV. **Investigation of Salt Diffusion in Soil by Using Radiotracing Technique**  
BAYTAŞ A. F., TUĞRUL A. B., GÖKBULAK F., BAYDOĞAN N., ALTINSOY N., HACIYAKUPOĞLU S., Karatepe N., ERENTÜRK S., Büyük B., DEMİR E., et al.  
Defect and Diffusion Forum, 2013 (Scopus)
- V. **Investigation of Salt Diffusion in Soil by Using Radiotracer Technique**  
Baydoğan N., Baytaş A. F., Altınsoy N., Tuğrul A. B., Hacıyakupoğlu S., Demir E., Büyük B.  
Defect and Diffusion Forum, vol.334335, pp.274-278, 2013 (Scopus)
- VI. **Determination of Gamma Transmittance and Density Assessment for Al Doped ZnO Thin Films By Using Gamma Transmission Technique**  
Karagöz B., Özdemir Ö., Karacasu Ö., Baydoğan N., Çimenoglu H., Kayalı E. S., Tuğrul A. B., Altınsoy N., Hacıyakupoğlu S., Kızıltaş M. S., et al.  
Defect and Diffusion Forum, vol.1, no.1, pp.78-89, 2011 (Scopus)
- VII. **Electromagnetic Radiation Effect on ZnO Nanocrystallites**  
Sepet L., Baydoğan N., Çimenoglu H., Kayalı E. S., Tuğrul A. B., Altınsoy N., Albayrak G., Sengel H., Akmaz F., Parlar A.  
Defect and Diffusion Forum, vol.1, no.1, pp.159-169, 2011 (Scopus)
- VIII. **THE INVESTIGATION OF MICROSTRUCTURAL CHANGES IN ZnO AL THIN FILM BY BETA IRRADIATION**  
Tuğral H., Baydoğan N., Tuğrul A. B., Altınsoy N., Çimenoglu H., Sengel H., Akmaz F., Parlar A.  
TMS 2009 138TH ANNUAL MEETING & EXHIBITION - SUPPLEMENTAL PROCEEDINGS,, vol.3, pp.629-635, 2009 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Assesment of Radioactivity levels in Edirne region of Turkey**  
Zaim N., Tuğrul A. B., Atlas H., Büyük B., Demir E., Baydoğan N., Altınsoy N.  
Lambert Academic Publishing, Frederiksted-Southeast, 2018
- II. **Assessment of Radioactivity Levels in Edirne Region of Turkey**  
ZAIM N., TUĞRUL A. B., Buyuk B., DEMİR E., BAYDOĞAN N., ALTINSOY N., ATLAS H.  
LAP-LAMBERT Academic Publishing, ),-! ""),-!, 2018
- III. **Evaluation for elimination of methylene-orange from aqueous media by using membrane**  
Tuğrul B., Altınsoy N., Demir E., Erentürk S., Yavuz N., Hacıyakupoğlu S., Büyük B., Baydoğan N., Baytaş A. F.  
in: AIP Conference Proceedings 1809, 020047 (2017), 6TH INTERNATIONAL ADVANCES IN APPLIED PHYSICS AND MATERIALS SCIENCE CONGRESS EXHIBITION, Editor, AIP (American Institute of Physics) Press , İstanbul, pp.200471-200476, 2017
- IV. **Assessment Of Radioiodine and Radioselenium Adsorptions on Activated Carbon in Aqueous Media**  
Tuğrul A. B., Karatepe N., Hacıyakupoğlu S., Erentürk S., Altınsoy N., Baydoğan N., Baytaş A. F., Büyük B., Demir E.  
in: Energy Systems and Management, Bilge A.N., Toy A.Ö., Günay M.E., Editor, Springer, İstanbul, pp.97-108, 2015
- V. **Behaviour of KNO<sub>3</sub> Fertilizer in Soil by the View of Land Conservation**  
Hacıyakupoğlu S., Tuğrul A. B., Baytaş A. F., Gökbülak F., Altınsoy N., Baydoğan N., Yavuz N., Erentürk S., Büyük B., Demir E.  
in: In: Challenges: Sustainable Land Management-Climate Change, Advances in GeoEcology 43, Zlatic M., Kostadinov S., Editor, Schweizbarth Science Publishers Group West, Stutgard, pp.127-136, 2014
- VI. **Investigation of Helical Flow by Using Tracer Technique**  
Altınsoy N., Tuğrul A. B., Baytaş A. F., Baydoğan N., Yavuz N., Hacıyakupoğlu S., Büyük B.  
in: The 6th International Conference On Tracers And Tracing Methods Book Series, Haugan A., Editor, Edp Edp

Sciences, Oslo, pp.1001, 2013

**VII. Investigation of Salt Diffusion in Soil by Using Radiotracing Technique**

Baytaş A. F., Tuğrul A. B., Gökbülak F., Baydoğan N., Altınsoy N., Hacıyakupoğlu S., Yavuz N., Erentürk S.  
in: Diffusion in Solids and Liquids VIII Book Series: Defect and Diffusion Forum, Andreas Öchsner, Graeme E. Murch, Ali Shokuhfar and João M.P.Q. Delgado, Editor, Trans Tech Publication Material Science And Engineering Press, Zürich, pp.274-278, 2013

**VIII. Selenium Adsorption on Activated Carbon by Using Radiotracer Technique**

BAYDOĞAN N., YAVUZ N., HACIYAKUPOĞLU S., ERENTÜRK S., TUĞRUL A. B., BAYTAŞ A. F., ALTINSOY N., DEMİR E., BÜYÜK B.

in: Causes, Impacts and Solutions to Global Warming, Ibrahim DincerCan Ozgur ColpanFethi Kadioglu, Editor, Springer, New York, pp.1-29, 2013

**IX. Selenium Adsorption on Activated Carbon by Using Radiotracer Technique**

Tuğrul B., Hacıyakupoğlu S., Erentürk S., Yavuz N., Baytaş A. F., Altınsoy N., Baydoğan N., Büyük B., Demir E.  
in: Causes, Impacts, and Solutions to Global Warming, Ibrahim Dincer,Can Ozgur Colpan, Editor, Springer, London/Berlin , New York, pp.305-323, 2013

## **Refereed Congress / Symposium Publications in Proceedings**

**I. Investigation of helical flow by using tracer technique**

Baytaş A. F., Altınsoy N., Yavuz N., Baydoğan N., Hacıyakupoğlu S.  
EPJ Web of Conferences, Helsinki, Finland, 4 - 06 January 2017, pp.1-5

**II. Production of Antimony Concentrate Imbedded Silicone Rubber Materials For X-ray Protection**

VURAL Ö., ALTINSOY N., BÜYÜK B.

Uluslararası Fen ve Mühendislik Kongresi, 4 - 06 September 2018

**III. Preparation And Characterisation of Antimony ore imbedded Silicone Rubber Materials For Radiation Protection**

VURAL Ö., ALTINSOY N., BÜYÜK B.

III. International Rating Academy Congress on Applied Sciences, Lviv, Ukraine, 6 - 07 September 2018

**IV. Radiological Risk Assessment of Outdoor Radioactivity in Capital City Ankara**

Kapdan E., ALTINSOY N.

4th International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT 2018), 20 April 2018

**V. EFFECT OF GEOLOGICAL ENVIRONMENT ON INDOOR RADON LEVEL IN RURAL AREA: EZİNE (CANAKKALE) EXAMPLE**

Örgün Tutay Y., Altınsoy N., YILMAZ ŞAHİN S., Ataksor B., Çelebi N.

Uluslararası Katılımlı 71. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 23 - 27 April 2018, pp.923-926

**VI. Kırsal alanda jeolojik ortamın ev içi radon seviyesine etkisi: Ezine (Çanakkale) örneği (effect of geological environment on indoor radon level in rural area: ezine (Çanakkale) example)**

ÖRGÜN TUTAY Y., ALTINSOY N., YILMAZ ŞAHİN S., Ataksor B., Çelebi N.

Uluslararası Katılımlı 71. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 23 - 27 April 2018, pp.923-926

**VII. Evaluation for elimination of methylene-orange from aqueous media by using membrane**

Tugrul A. B., Altınsoy N., Demir E., Erenturk S. A., Karatepe N., Hacıyakupoglu S., Buyuk B., Baydogan N., Baytas A. F.  
6th International Advances in Applied Physics and Materials Science Congress and Exhibition, APMAS 2016, İstanbul, Turkey, 1 - 03 June 2016, vol.1809

**VIII. Determination of Photon Mass Attenuation Coefficient for Some Phantom Materials using GATE Code and Comparison with Experimental and XCOM Data**

ERK İ., ALTINSOY N., KARAASLAN Ş. İ., BORA A.

3rd International Conference on Computational and Experimental Science and Engineering, 19 - 24 October 2016

**IX. Fantom Malzemelerinin Foton Zayıflatma Katsayılarının Gama Transmisyon Tekniği İle İncelenmesi**

ERK İ., ALTINSOY N.

XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Turkey, 12 - 14 October 2016

- X. **Elimination of Methylene Orange from Aqueous Media by Using Membrane**  
TUĞRUL A. B., ALTINSOY N., DEMİR E., ERENTÜRK S., HACIYAKUPOĞLU S., YAVUZ N., BAYDOĞAN N., BAYTAŞ A. F.  
6th International Advances in Applied Physics and Materials Science Congress & Exhibition, 1 - 03 June 2016, vol.1, pp.196
- XI. **Investigation for Removal of Methylene Blue in Aqueous Environment by Using Different Membranes**  
Tuğrul A. B., Altınsoy N., Demir E., Erentürk S., Yavuz N., Hacıyakupoğlu S., Büyük B., Baydoğan N., Baytaş A. F., Er Z.  
Fifth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2015) & SECOTOX Conference, Athens, Greece, 11 - 13 November 2015, vol.1, pp.344-349
- XII. **Membran Kullanımı İle Sulu Ortamlardan Metilen Mavisi Eliminasyonu**  
Tuğrul A. B., Altınsoy N., Demir E., Erentürk S., Büyük B., Hacıyakupoğlu S., Baydoğan N., Baytaş A. F., Karatepe N.  
Ulusal Membran Teknolojileri Ve Uygulamaları Sempozyumu (MEMTEK-2015), İstanbul, Turkey, 7 - 08 October 2015, pp.8
- XIII. **Membran Kullanımı ile Sulu Ortamlardan Metilen Mavisi Eliminasyonu**  
Tuğrul A. B., Altınsoy N., Demir E., Erentürk S., Nilgün K., Hacıyakupoğlu S., Büyük B., Baydoğan N., Baytaş A. F.  
4. Ulusal Membran Teknolojileri ve Uygulamaları Sempozyumu, İstanbul, Turkey, 7 - 08 October 2015, vol.1, pp.7
- XIV. **Investigation for removal of methylene-blue in aqueous environment by using different membranes**  
Tuğrul A. B., Altınsoy N., Demir E., Erentürk S., Yavuz N., Hacıyakupoğlu S., Büyük B., Baydoğan N., Baytaş A. F., Er Z.  
Fifth International Conference on Environmental Management, Engineering, planning and Economics (CEMEPE 2015), Mykonos Island, Greece, 14 - 17 June 2015, pp.125
- XV. **Investigation of Gamma Ray Attenuation Coefficient for Some Building Materials**  
DOĞAN B., ALTINSOY N.  
APMAS, 24 - 27 April 2014
- XVI. **Konutlarda Kullanılan Granit Karoların Radyolojik İçerikleri ve Radon Salınım Hızları**  
ÇETİN E., ALTINSOY N., ÖRGÜN TUTAY Y.  
68. Türkiye Jeoloji Kurultayı, Turkey, 6 - 10 April 2015
- XVII. **Investigation of Natural Radioactivity for Surface Soil Samples in the Vicinity of Edirne Turkey**  
Zaim N., Tuğrul A. B., Demir E., Büyük B., Atlas H., Baydoğan N., Altınsoy N.  
2nd International Conference on Computational and Experimental Science and Engineering (ICCESEN 2015), Antalya, Turkey, 11 - 13 November 2015, pp.70
- XVIII. **Kinetic and Thermodynamic Behavior of Selenium on Modified Bentonite and Activated Carbon Using Radiotracer Technique**  
TUĞRUL A. B., ERENTÜRK S., HACIYAKUPOĞLU S., YAVUZ N., ALTINSOY N., BAYDOĞAN N., BAYTAŞ A. F., DEMİR E., Büyük B., Gedik S.  
2nd International Conference on Computational and Experimental Science and Engineering (ICCESEN 2015), 2 - 04 October 2014
- XIX. **Assessment of Adsorption Parameter Effectiveness for Radio-Selenium and Radio-Iodine Adsorption on Activated Carbon**  
Tuğrul A. B., Karatepe N., Hacıyakupoğlu S., Erentürk S., Altınsoy N., Baydoğan N., Baytaş A. F., Büyük B., Demir E.  
International Conference on Energy and Management, Turkey, 5 - 07 June 2014, pp.97-108
- XX. **Assessment of Radioiodine and Radioselenium Adsorptions on Activated Carbon in Aqueous Media**  
Tuğrul A. B., Yavuz N., Hacıyakupoğlu S., Erentürk S., Altınsoy N., Baydoğan N., Baytaş A. F., Büyük B., Demir E.  
ICEM-2014, İstanbul, Turkey, 5 - 07 June 2014, pp.37
- XXI. **Investigation of Photon Attenuation Coefficient of Some Building Materials Used in Turkey**  
Dogan B., Altınsoy N.  
4th International Congress in Advances in Applied Physics and Materials Science (APMAS), Fethiye, Turkey, 24 - 27 April 2014, vol.1653
- XXII. **Investigation for Remediation of Selenium Aqueous Environment with Using Organic Pillared Bentonite by Radiotracer Technique**  
Tuğrul B., Hacıyakupoğlu S., Erentürk S., Yavuz N., Baytaş A. F., Baydoğan N., Altınsoy N., Büyük B., Oruçoğlu E.,

Demir E., et al.

APMAS 2014, 4th International Advances in Applied Physics & Materials Science Congress & Exhibition, Muğla, Turkey, 24 - 27 April 2014, pp.1-5

- XXIII. **Evaluation of rubidium and potassium diffusion in soil by radiotracer technique**  
Demir E., Tugrul A., Baydoğan N., Baytaş A. F., Altınsoy N., Hacıyakupoğlu S., Buyuk B.  
9th International Conference on Diffusion in Solids and Liquids Mass Transfer - Heat Transfer - Microstructure and Properties - Nanodiffusion and Nanostructured Materials, DSL 2013, Madrid, Spain, 24 - 28 June 2013, vol.353, pp.199-204
- XXIV. **Investigation of salt diffusion in soil by using radiotracing technique**  
Baytaş A. F., TUGRUL A. B., GOKBULAK F., Baydoğan N., Altınsoy N., Hacıyakupoğlu S., KARATEPE N., Erentürk S., BUYUK B., Demir E., et al.  
8th International Conference on Diffusion in Solids and Liquids Mass Transfer - Heat Transfer - Microstructure and Properties - Nanodiffusion and Nanostructured Materials, DSL 2012, İstanbul, Turkey, 25 - 29 June 2012, vol.334-335, pp.274-278
- XXV. **Natural Radioactivity Level of the Kestanbol Pluton (Ezine- Çanakkale) and Its Environmental Importance, TURKEY**  
Örgün Tutay Y., Altınsoy N., YILMAZ ŞAHİN S., Erarslan C., Karahan G., Çelebi N.  
9th International Symposium on Environmental Geochemistry, Aveiro, Portugal, 15 - 21 July 2012, pp.137
- XXVI. **Remediation Investigation on Selenium in Aqueous Environment with Using Activated Carbon**  
Hacıyakupoğlu S., Erentürk S., Yavuz N., Tuğrul A. B., Baytaş A. F., Altınsoy N., Baydoğan N., Büyük B., Demir E.  
Global Conference on Global Warming 2012 (GCGW-12), İstanbul, Turkey, 8 - 12 July 2012, pp.42
- XXVII. **Measurement of Radon Exhalation Rates Used in Commercial Granite Tiles Used in Turkey**  
Çetin E., Altınsoy N., Örgün Tutay Y., Ataksor B.  
6th In-situ Nuclear Metrology as a tool for Radioecology (INSINUME 2012), Brussels, Belgium, 11 - 15 June 2012, pp.77
- XXVIII. **Investigation of helical flow by using tracer technique**  
Altınsoy N., Tugrul A. B., Baytas F., Baydogan N., Karatepe N., Hacıyakupoglu S., Buyuk B.  
6th International Conference on Tracers and Tracing Methods (TRACER), Oslo, Norway, 6 - 08 June 2011, vol.50
- XXIX. **Natural Radioactivity Levels of Granites Used in Turkey**  
ÇETİN E., ALTINSOY N., ÖRGÜN TUTAY Y.  
In-situ Nuclear Metrology as a tool for Radioecology (INSINUME 2010), 20 - 23 October 2010
- XXX. **Electromagnetic Radiation Effect on ZnO Nanocrystallites**  
Sepet L., Baydoğan N., Çimenoğlu H., KAYALI E. S., TUGRUL B., Altınsoy N., ALBAYRAK G., SENDEL H., AKMAZ F., PARLAR A.  
6th International Conference on Diffusion in Solids and Liquids, Paris, France, 5 - 07 July 2010, pp.836-838
- XXXI. **Determination of Gamma Transmittance and Density Assessment for Al Doped ZnO Thin Films By using Gamma Transmission Technique**  
Karagoz B., OZDEMİR O., KARACASU O., Baydoğan N., Çimenoğlu H., KAYALI E. S., TUGRUL B., Altınsoy N., Hacıyakupoğlu S., KIZILTAS S., et al.  
6th International Conference on Diffusion in Solids and Liquids, Paris, France, 5 - 07 July 2010, pp.830-831
- XXXII. **GAMA IŞINLARI İLE IŞINLANAN Al KATKILI ZnO Al İNCEFİMLERİN YAPISAL VE ELEKTRİKSEL ÖZELLİKLERİNİNİNCELENMESİ**  
Baydoğan N., Çimenoğlu H., Altınsoy N., Tuğrul A. B., Kayalı E. S., Baydoğan M., Albayrak G., Sengel H.  
X. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Ankara, Turkey, 6 - 09 October 2009, vol.1, pp.24-29
- XXXIII. **Evaluation of Optical and Colour Parameters on Induced Al Doped Nanostructured ZnO Thin Film By Beta Radiation For The Commercialization of ZnO:Al in Civilian and Military Industries**  
Tuğral H., Baydoğan N., Çimenoğlu H., Kayalı S., Tuğrul B., Altınsoy N., Albayrak G., Sengel H., Akmaz F., Parlar A.  
Nanoelectronic Devices for Defense & Security (NANODDS) Conference, Florida, United States Of America, 28 September - 02 October 2009, vol.1, pp.15
- XXXIV. **Investigation On Torrent Control by Using Clay and Activated Carbon for I-131**  
Hacıyakupoğlu S., Altınsoy N., Yavuz N., Baydoğan N., Tuğrul A. B., Demir M., Çetinkaya E., Oruçoğlu E.

LANDCON 0905, Tara Mountain, Serbia And Montenegro, 26 - 30 May 2009

- XXXV. **Granitik kayaçların ekosistem üzerindeki etkisi: Kestanbol Plütonu, Ezine-Çanakkale**  
Örgün Tutay Y., YILMAZ ŞAHİN S., Altınsoy N., GÜNGÖR Y., Çelik Balcı N., Erarslan C.  
62. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 13 - 17 April 2009, pp.528-529
- XXXVI. **Radyasyon ile Uyarılarak Optik ve Mekanik Özellikleri Geliştirilen Nanometrik Boyuttaki Al Katkılı ZnO İletken Filmler**  
Baydoğan N., Çimenoglu H., Kayalı E. S., Tuğrul A. B., Altınsoy N., Baydoğan M.  
İTÜ Nano Bilim ve Nano Teknoloji Çalıştayı, İstanbul, Turkey, 12 - 13 February 2009, vol.1, pp.39
- XXXVII. **The Optical Behaviour Of ZnO Films Against the Radiation**  
Özdemir Ö., Çimenoglu H., Tuğrul A. B., Albayrak G., Baydoğan N., Altınsoy N., Baydoğan M., Sengel H., Akmaz F., Parlar A.  
14th International Metallurgy&Materials Congress (IMMC 2008), İstanbul, Turkey, 16 - 18 October 2008, vol.1, pp.1652-1659
- XXXVIII. **Radiografic Investigation on Automative Parts**  
Tuğrul A. B., Baydoğan N., Altınsoy N., Dizdar D., Yağcı E.  
3rd International Non-Destructive Testing Symposium and Exhibition, İstanbul, Turkey, 17 - 19 April 2008, pp.126-135
- XXXIX. **Investigation of Radioiodine Isotope Adsorption On Activated Carbon**  
Baydoğan N., Tuğrul A. B., Hacıyakupoğlu S., Erentürk S., Yavuz N., Altınsoy N., Baytaş A. F., Demir E.  
The Fifth Euroion Conference on Nuclear Science and Its Applications, Ankara, Turkey, 1 - 03 January 2008, pp.1-5
- XL. **Investigation of laminar pipe flow by using radiotracer technique**  
Tuğrul A. B., Altınsoy N.  
TRACER 4 Fourth International Conference on Tracer and Tracing Methods, Grenoble, France, 3 - 05 October 2006, pp.1-6
- XLI. **Evaluation of entrance length effects on turbulence parameters by using radiotracer technique**  
Altınsoy N., Tuğrul A. B.  
TRACER 4 Fourth International Conference on Tracer and Tracing Methods, Grenoble, France, 3 - 05 October 2006, pp.1-6
- XLII. **Kestanbol Plütonu' nun (Ezine- Çanakkale) Doğal Radyoaktivite Seviyesi ve Bunun Çevresel Önemi**  
Örgün Tutay Y., Altınsoy N., YILMAZ ŞAHİN S., GÜNGÖR Y., Gültekin A. H., Karahan G., Çelebi N., Karacık Z., Göker A.  
Selçuk Üniversitesi, 30. Yıl Fikret Kurtman sempozyumu,, Konya, Turkey, 20 - 23 September 2006, pp.212-213
- XLIII. **Simulation study for a scenario of radionuclide releasing in an open channel**  
Altınsoy N., Tuğrul A. B.  
In-situ Nuclear Metrology as a tool for Radioecology, Aydın, Turkey, 6 - 08 September 2006, pp.63
- XLIV. **Hydrogeochemical Characteristics and Radioactivity Levels of Some of The Groundwaters From Western Anatolia, Turkey**  
Örgün Tutay Y., Altınsoy N., Gültekin A. H., Çelebi N., Karahan G.  
International Symposium on Earth System Sciences, İstanbul, Turkey, 8 - 10 September 2004, pp.643-650
- XLV. **Batı Anadolu'daki bazı yeraltı sularının hidrojeokimyasal karakteristikleri ve Radyoaktivite Seviyeleri**  
Örgün Tutay Y., Gültekin A. H., Altınsoy N., Çelebi N., Karahan G., Çevik E.  
57. Türkiye Jeoloji Kurultayı, Amasya, Turkey, 22 - 26 March 2004, pp.53-55
- XLVI. **The Geological, Mineralogical and Geochemical Properties of the Radioactive Kaymaz Granite, Eskişehir, Western Turkey**  
Örgün Tutay Y., Gültekin A. H., Altınsoy N., Karahan G., Çelebi N.  
The Fifth Hutton Symposium, Toyohashi, Japan, 2 - 06 September 2003, pp.115
- XLVII. **Kaymaz Sokulumunun Mineralojik ve Jeokimyasal Karakteristikleri, Kaymaz, Eskişehir.**  
Örgün Tutay Y., Gültekin A. H., Altınsoy N., Karahan G., Çelebi N.  
S.D. Üniversitesi, Mühendislik Fakültesi, 20. Yıl Jeoloji Sempozyumu,, Isparta, Turkey, 14 - 16 May 2003, pp.138-139
- XLVIII. **Determination of Turbulence Parameters By Using Methylene Blue Tracer in Vertical Pipe Water**

## Flow

Altınsoy N., Tuğrul A. B.

International Symposium on Multiphase Flow and Transport Phenomena (MFTP-2000), Antalya, Turkey, 5 - 10 November 2001, pp.325-332

- XLIX. **Haliç Geç Kuvaterner Holosen İstifinin Radyoaktivite Seviyesi Tayini ile Değerlendirilmesi ve Diğer Değerlendirme Teknikleri ile Karşılaştırılması**  
TUĞRUL A. B., BAYTAŞ A. F., ALTINSOY N.  
Haliç 2001 Sempozyumu, Turkey, 3 - 04 May 2001
- L. **Flow Rate Determination for Open Channel Flows by using Radiotracer Balance Method**  
Tuğrul A. B., Altınsoy N.  
I. Eurasia Conference on Nuclear Science and Its Application, İzmir, Turkey, 23 - 27 October 2000, pp.501-506
- LI. **Radiological Evaluation of Filters Used for PC and TV Monitors**  
Tuğrul A. B., Altınsoy N., Ayaz B.  
I. Eurasia Conference on Nuclear Science and Its Application, İzmir, Turkey, 23 - 27 October 2000, pp.371-378
- LII. **Investigation on Golden Horn Qua Ternary Sequence By Determination of Alpha and Beta Radioactivity Levels**  
Tuğrul A. B., Baydoğan N., Altınsoy N., Baytaş A. F., Şahin S., Ayaz B.  
I. Eurasia Conference on Nuclear Science and Its Applications, Almati, Kazakhstan, 1 - 03 January 2000, pp.559-566
- LIII. **Radyoaktif İzleme Tekniği İle Düşey Borularda Türbülanslı Akış Hız Profiline Giriş Etkisinin İncelenmesi**  
ALTINSOY N., TUĞRUL A. B.  
VII. Ulusal Nükleer Bilimler ve Teknoloji Kongresi, Turkey, 3 - 06 September 1996
- LIV. **Radyoaktif İzleme Tekniği ile Açık Kanallarda Akış Takibi**  
ALTINSOY N., TUĞRUL A. B.  
III. Ulusal Nükleer Bilimler Kongresi, Turkey, 27 - 29 September 1989

## Metrics

Publication: 108

Citation (WoS): 297

Citation (Scopus): 544

H-Index (WoS): 6

H-Index (Scopus): 9