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### **Eğitim Bilgileri**

Doktora, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Bilimler Bölümü, Türkiye 1991 - 1996

Yüksek Lisans, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Bilimler Bölümü, Türkiye 1989 - 1991

Lisans, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, Türkiye 1982 - 1986

### **Yabancı Diller**

İngilizce

### **Araştırma Alanları**

Kimya, Analitik Kimya, Ayırma Teknikleri, Radyokimyasal Yöntemler, Fizikokimya, Nanokompozitler, Yüzey Kimyası, Temel Bilimler

### **Akademik Unvanlar / Görevler**

Prof.Dr., İstanbul Teknik Üniversitesi, Enerji Enstitüsü, Nükleer Araştırmalar, 2013 - Devam Ediyor

Prof.Dr., Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Bilimler Bölümü, 2007 - 2013

Doç.Dr., Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Bilimler Bölümü, 2001 - 2007

Yrd.Doç.Dr., Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Bilimler Bölümü, 1999 - 2001

Araştırma Görevlisi, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Bilimler Bölümü, 1992 - 1999

Araştırma Görevlisi, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Bilimler Bölümü, 1989 - 1991

### **Verdiği Dersler**

Activation Spectroscopy, Yüksek Lisans, 2017 - 2018

### **Yönetilen Tezler**

Erentürk S., SEZYUM (Cs) VE STRONSIYUM (Sr) İÇEREN ATIKLARIN İMMOBİLİZASYONU İÇİN SERAMİK MATRİSLERİN GELİŞTİRİLMESİ, Yüksek Lisans, N.Yanıkömer(Öğrenci), 2017

Erentürk S., SERAMİK MATRİSLİ RADYASYON ZIRH MALZEMELERİNİN HAZIRLANMASI VE ZIRHLAMA

PERFORMANSLARININ ARAŞTIRILMASI, Yüksek Lisans, S.Asal(Öğrenci), 2017

Erentürk S., ERKEN BİZANS DÖNEMİ THEODOSIUS LİMAN ŞEHİRİ SERAMİK BULUNTULARININ NÜKLEER TEKNİKLERLE İNCELENMESİ, Yüksek Lisans, A.Hamdi(Öğrenci), 2015

## **SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler**

- I. **Effect of wildfire on soil element concentrations in Mediterranean Türkiye**  
Esen A. N., Yushin N., Grozdov D., Yıldız C., Zinicovscaia I., Hacıyakupoğlu S., Erentürk S., Görüm T.  
Journal of Radioanalytical and Nuclear Chemistry, cilt.332, sa.11, ss.4667-4676, 2023 (SCI-Expanded)
- II. **Evaluation of adsorption behaviour of selenium onto zeolite-based composite barrier material for intermediate deep radioactive waste repository**  
İleri Durmuş R. K., Erentürk S.  
Progress in Nuclear Energy, cilt.158, 2023 (SCI-Expanded)
- III. **Performance evaluation of composite-barrier system against migration of tin from radioactive wastes: Approaches in terms of risk assessments**  
Durmus R. K. I., Erentürk S.  
PROGRESS IN NUCLEAR ENERGY, cilt.146, 2022 (SCI-Expanded)
- IV. **Assessment of different hazard indices around coal-fired power plants in Turkey**  
Esen A. N., Hacıyakupoğlu S., Erentürk S.  
Journal of Radioanalytical and Nuclear Chemistry, cilt.329, sa.2, ss.601-620, 2021 (SCI-Expanded)
- V. **Temporal changes of atmospheric deposition of major and trace elements in European Turkey, Thrace region**  
Kılıç O., Belivermis M., Sıkdokur E., Sezer N., Erentürk S., Hacıyakupoğlu S., Chaligava O., Frontasyeva M., Zinicovscaia I., Madadzada A.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.329, ss.371-381, 2021 (SCI-Expanded)
- VI. **Bentonite based ceramic materials from a perspective of gamma-ray shielding: Preparation, characterization and performance evaluation**  
Asal S., Erentürk S., Hacıyakupoğlu S.  
Nuclear Engineering and Technology, cilt.53, ss.1634-1641, 2021 (SCI-Expanded)
- VII. **Removal of Po-209 from aquatic environment and its equilibrium and thermodynamic parameters**  
Hicsonmez U., Erentürk S., Uğur Görgün A., Aslani M. A. A.  
JOURNAL OF ENVIRONMENTAL RADIOACTIVITY, cilt.220, 2020 (SCI-Expanded)
- VIII. **Investigation of interaction behaviours of cesium and strontium ions with engineering barrier material to prevent leakage to environmental**  
Erentürk S., Hacıyakupoğlu S., Şenkal B. F.  
JOURNAL OF ENVIRONMENTAL RADIOACTIVITY, cilt.213, 2020 (SCI-Expanded)
- IX. **Assessment of Po-210 and Pb-210 by moss biomonitoring technique in Thrace region of Turkey**  
Kılıç O., Belivermis M., Sıkdokur E., Sezer N., Akyıl Erentürk S., Hacıyakupoğlu S., Madadzada A., Frontasyeva M.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.322, sa.2, ss.699-706, 2019 (SCI-Expanded)
- X. **Chemical patterns in sediments of ancient Theodosius Harbour (Istanbul)**  
Erentürk S., Hacıyakupoğlu S., İleri R. K., YANIKÖMER N.  
JOURNAL OF SOILS AND SEDIMENTS, cilt.19, ss.1-9, 2018 (SCI-Expanded)
- XI. **Atmospheric Deposition of Radionuclides and Major and Trace Elements by Moss Biomonitoring Technique**  
Erentürk S., Hacıyakupoğlu S.  
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, cilt.27, sa.2, ss.1-5, 2018 (SCI-Expanded)
- XII. **Comparison of relative INAA and k<sub>0</sub>-INAA using proficiency test materials at ITU TRIGA Mark II**

- research reactor**  
Esen A. N., Haciyakupoğlu S., Erentürk S.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.315, sa.3, ss.677-683, 2018 (SCI-Expanded)
- XIII. **Comparison of relative INAA and k<sub>0</sub>-INAA using proficiency test materials at ITU TRIGA Mark II research reactor**  
ESEN A. N., Haciyakupoğlu S., Erentürk S.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.315, ss.677-683, 2018 (SCI-Expanded)
- XIV. **Evaluation of sodium borate glasses for radioactive waste immobilization applications**  
Erentürk S., BENGİSU M., Erdogan C.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.314, sa.3, ss.2069-2086, 2017 (SCI-Expanded)
- XV. **Removal of Po-210 from aqueous media and its thermodynamics and kinetics**  
Erenturk S., Kaygun A. K.  
JOURNAL OF ENVIRONMENTAL RADIOACTIVITY, cilt.174, ss.3-9, 2017 (SCI-Expanded)
- XVI. **Removal of cesium and strontium using natural attapulgite: evaluation of adsorption isotherm and thermodynamic data**  
Kaygun A. K., Eral M., Erentürk S.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.311, sa.2, ss.1459-1464, 2017 (SCI-Expanded)
- XVII. **Removal of Ra-226 from aqueous media and its thermodynamics and kinetics**  
Erentürk S., Kaygun A. K.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.311, sa.2, ss.1227-1233, 2017 (SCI-Expanded)
- XVIII. **Feasibility study of k (0)-INAA at the ITU TRIGA Mark II research reactor, Turkey**  
Esen A. N., Haciyakupoğlu S., Erentürk S., Kubesova M., Kucera J.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.309, sa.1, ss.179-184, 2016 (SCI-Expanded)
- XIX. **Elemental characterization of lignite from Afsin-Elbistan in Turkey by k(0)-NAA**  
Kubesova M., Orucoglu E., Haciyakupoglu S., Erentürk S., Krausova I., Kucera J.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.308, sa.3, ss.1055-1062, 2016 (SCI-Expanded)
- XX. **New Solidification Materials in Nuclear Waste Management**  
YANIKÖMER N., Asal S., HACIYAKUPOĞLU S., Erentürk S.  
International Journal of Engineering Technologies, cilt.2, sa.2, ss.76-82, 2016 (SCI-Expanded)
- XXI. **Sorption of Th IV onto ZnO nanoparticles and diatomite supported ZnO nanocomposite kinetics mechanism and activation parameters**  
YUŞAN S., Bampaiti A., Erentürk S., Noli F., ASLANI M. A. A., AYTAŞ Ş.  
Radiochimica Acta, cilt.104, sa.9, ss.635-647, 2016 (SCI-Expanded)
- XXII. **Synthesis and structural properties of ZnO and diatomite-supported ZnO nano structures**  
YUŞAN S., Bampaiti A., AYTAŞ Ş., Erentürk S., ASLANI M. A. A.  
CERAMICS INTERNATIONAL, cilt.42, sa.2, ss.2158-2163, 2016 (SCI-Expanded)
- XXIII. **Kinetic modeling of selenium (IV) adsorption for remediation of contaminated aquatic systems based on meso-scale experiments**  
Haciyakupoğlu S., ORUCOGLU E., Esen A. N., YUŞAN S., Erentürk S.  
DESALINATION AND WATER TREATMENT, cilt.56, sa.5, ss.1208-1216, 2015 (SCI-Expanded)
- XXIV. **Modeling of mass transfer of uranium on different nanoadsorbents for the remediation of contaminated aquatic system**  
YUŞAN S., Erentürk S.  
Desalination and Water Treatment, cilt.56, sa.5, ss.1171-1176, 2015 (SCI-Expanded)
- XXV. **Investigation for remediation of selenium aqueous environment with using organic pillared bentonite by radiotracer technique**  
Tugrul A. B., Haciyakupoğlu S., Erentürk S., KARATEPE N., BAYTAS F., Baydoğan N., Altınsoy N., BUYUK B., ORUCOGLU E., Demir E., et al.  
Acta Physica Polonica A, cilt.127, sa.4, ss.1186-1188, 2015 (SCI-Expanded)
- XXVI. **Assessment of Environmental Risk from Coal Using Neutron Activation Analysis**  
Ileri R. K., Haciyakupoglu S., Esen A. N., Oruciglu E., Erenturk S.

- ACTA PHYSICA POLONICA A, cilt.127, sa.4, ss.1010-1012, 2015 (SCI-Expanded)
- XXVII. **The Assessment of Environmental Risk From Coal using Neutron Activation Analysis**  
Rüveyda Kübra İ., HACIYAKUPOĞLU S., ESEN A. N., Esra O., Erentürk S.  
ACTA Physica Polonica A, cilt.127, sa.4, ss.1010-1012, 2015 (SCI-Expanded)
- XXVIII. **Kinetic and thermodynamic behavior of selenium on modified bentonite and activated carbon using radiotracer technique**  
Tugrul B., Erentürk S., Haciyakupoğlu S., KARATEPE N., Altınsoy N., Baydoğan N., BAYTAS F., BUYUK B., Demir E., GEDIK S.  
Acta Physica Polonica A, cilt.128, sa.2, ss.180-181, 2015 (SCI-Expanded)
- XXIX. **Determining distribution of heavy metal pollution in terms of ecological risk levels in soil of industrially intensive areas around Istanbul**  
Haciyakupoğlu S., Esen A. N., Erentürk S., OKKA M., GENCELİ M., MERCIMEK M., GENCELİ E., YUŞAN S., Filiz F. G., Olgen K., et al.  
Toxicological and Environmental Chemistry, cilt.97, sa.1, ss.62-75, 2015 (SCI-Expanded)
- XXX. **Experimental parameters optimization of instrumental neutron activation analysis in order to determine selected elements in some industrial soils in Turkey**  
Haciyakupoğlu S., Esen A. N., ERENTURK S.  
RADIATION PHYSICS AND CHEMISTRY, cilt.101, ss.24-29, 2014 (SCI-Expanded)
- XXXI. **Spatial distribution and risk assessment of radioactivity and heavy metal levels of sediment, surface water and fish samples from Lake Van, Turkey**  
Erentürk S., YUŞAN S., Türközü D. A., Camtakan Z., ÖLGEN M. K., ASLANI M. A. A., AYTAŞ Ş., Isik M. A.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.300, sa.3, ss.919-931, 2014 (SCI-Expanded)
- XXXII. **Spatial Distribution and Risk Assessment of Radioactivity and Heavy Metal Levels of Sediment Surface Water and Fish Samples from Lake Van Turkey**  
Erentürk S., YUŞAN S., TÜRKÖZÜ D. A., Zeyneb C., ÖLGEN M. K., ASLANI M. A. A., AYTAŞ Ş., Mehmet Akif I.  
Journal of Radioanalytical and Nuclear Chemistry, cilt.300, ss.919-931, 2014 (SCI-Expanded)
- XXXIII. **Determination and evaluation of Natural Radioactivity and Heavy Metal Levels in the Aquatic Environment of Trans Boundary Rivers Maritza Tundja and Arda**  
AYTAŞ Ş., Erentürk S., ASLANI M. A. A., YUŞAN S., TÜRKÖZÜ D. A., GÖK C., KARALI T., GÖKÇE M., Kemal Fırat O.  
Journal of Radioanalytical and Nuclear Chemistry, cilt.300, ss.933-945, 2014 (SCI-Expanded)
- XXXIV. **Chemical durability and structural analysis of PbO-B2O3 glasses and testing for simulated radioactive wastes**  
Erdogan C., Bengisu M., Erentürk S.  
JOURNAL OF NUCLEAR MATERIALS, cilt.445, ss.154-164, 2014 (SCI-Expanded)
- XXXV. **Magnesium oxide nanoparticles: Preparation, characterization, and uranium sorption properties**  
Camtakan Z., Erenturk S., Yusun S. (.  
Environmental Progress and Sustainable Energy, cilt.31, sa.4, ss.536-543, 2012 (SCI-Expanded)
- XXXVI. **Adsorptive removal of thorium (IV) using calcined and flux calcined diatomite from Turkey: Evaluation of equilibrium, kinetic and thermodynamic data**  
YUŞAN S., Gok C., Erenturk S., AYTAŞ Ş.  
APPLIED CLAY SCIENCE, ss.106-116, 2012 (SCI-Expanded)
- XXXVII. **Natural radioactivity of riverbank sediments of the Maritza and Tundja Rivers in Turkey**  
AYTAŞ Ş., YUŞAN S., ASLANI M. A. A., KARALI T., TÜRKÖZÜ D. A., GÖK C., Erentürk S., GÖKÇE M.  
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, cilt.47, sa.13, ss.2163-2172, 2012 (SCI-Expanded)
- XXXVIII. **Sorption behaviors of uranium (VI) ions on alpha-FeOOH**  
Yusan S. (., Erenturk S.  
DESALINATION, cilt.269, ss.58-66, 2011 (SCI-Expanded)
- XXXIX. **Adsorption equilibrium and kinetics of U(VI) on beta type of akaganeite**  
YUŞAN S., Erenturk S.  
DESALINATION, cilt.263, ss.233-239, 2010 (SCI-Expanded)

- XL. **Adsorption and thermodynamic behaviour of u VI on the Tendurek volcanic tuff**  
 YUŞAN S., ASLANI M. A. A., TÜRKÖZÜ D. A., Hasan Ayhan A., AYTAŞ Ş., Erentürk S.  
*Journal of Radioanalytical and Nuclear Chemistry*, cilt.283, sa.1, ss.231-238, 2010 (SCI-Expanded)
- XLI. **Adsorption and thermodynamic behaviour of U(VI) on the Tendurek volcanic tuff**  
 YUŞAN S., ASLANI M. A. A., Türközü D. A., Aycan H. A., AYTAŞ Ş., Akyil S.  
*JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY*, cilt.283, sa.1, ss.231-238, 2010 (SCI-Expanded)
- XLII. **Radioactivity levels in surface water of lakes around Izmir/Turkey**  
 Akyil S., AYTAŞ Ş., Turkozu D. A., ASLANI M. A. A., YUŞAN S., Eral M.  
*RADIATION MEASUREMENTS*, cilt.44, sa.4, ss.390-395, 2009 (SCI-Expanded)
- XLIII. **Sorption of uranium(VI) from aqueous solutions by akaganeite**  
 Yusen S., Akyil S.  
*JOURNAL OF HAZARDOUS MATERIALS*, cilt.160, ss.388-395, 2008 (SCI-Expanded)
- XLIV. **Vertical Distribution of 226Ra and 210Po in Agricultural Soils in Buyuk Menderes Basin Turkey**  
 Erentürk S., Gürboğa G., ASLANI M. A. A., AYTAŞ Ş.  
*Journal of Hazardous Materials*, cilt.157, ss.328-334, 2008 (SCI-Expanded)
- XLV. **Study of the Behaviour of Thorium Adsorption on PAN/Zeolite Composite Adsorbent**  
 Kaygun A. K., Erentürk S.  
*JOURNAL OF HAZARDOUS MATERIALS*, cilt.147, ss.357-362, 2007 (SCI-Expanded)
- XLVI. **The Distribution of Uranium and Thorium in Samples Taken from Different Polluted Marine Environment**  
 Erentürk S., Mohd Yusof A.  
*Journal of Hazard Materials*, cilt.144, ss.564-569, 2007 (SCI-Expanded)
- XLVII. **Uranium adsorption characteristic and thermodynamic behavior of clinoptilolite zeolite**  
 Kilincarslan A., Akyil S.  
*JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY*, cilt.264, sa.3, ss.541-548, 2005 (SCI-Expanded)
- XLVIII. **Activity concentration of Pb-210(Po-210) in soils taken from cultivated lands**  
 Aslani M., Akyil S., Aytas S., Gurboga G., Eral M.  
*RADIATION MEASUREMENTS*, cilt.39, sa.2, ss.129-135, 2005 (SCI-Expanded)
- XLIX. **Activity Concentration of 210Pb 210Po in Soils Taken from Cultivated Lands**  
 ASLANI M. A. A., Erentürk S., AYTAŞ Ş., Gürboğa G., ERAL M.  
*RADIATION MEASUREMENTS*, cilt.39, ss.129-135, 2005 (SCI-Expanded)
- L. **Uranium Adsorption Characteristic and Thermodynamic Behaviour of Clinoptilolite Zeolite**  
 Kilinçarslan A., Erentürk S.  
*JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY*, cilt.264, sa.3, ss.541-548, 2005 (SCI-Expanded)
- LI. **Preparation of Composite Adsorbents and their Characteristics**  
 Erentürk S., ERAL M.  
*JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY*, cilt.266, sa.1, ss.89-93, 2005 (SCI-Expanded)
- LII. **Adsorption and thermodynamic behavior of uranium on natural zeolite**  
 Aytas S., Akyil S., Eral M.  
*JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY*, cilt.260, sa.1, ss.119-125, 2004 (SCI-Expanded)
- LIII. **Adsorption and Thermodynamic Behaviour of Uranium on Natural Zeolite**  
 AYTAŞ Ş., Erentürk S., ERAL M.  
*JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY*, cilt.260, sa.1, ss.119-125, 2004 (SCI-Expanded)
- LIV. **Activity concentration of caesium-137 in agricultural soils**  
 Aslani M., AYTAS S., AKYIL S., YAPRAK G., YENER G., ERAL M.  
*JOURNAL OF ENVIRONMENTAL RADIOACTIVITY*, cilt.65, sa.2, ss.131-145, 2003 (SCI-Expanded)
- LV. **Sorption characteristics of uranium onto composite ion exchangers**  
 Erentürk S., ASLANI M. A. A., ERAL M.  
*JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY*, cilt.0, 2003 (SCI-Expanded)
- LVI. **Activity concentration of radium 226 in agricultural soils**  
 Erentürk S., ASLANI M. A. A., Gülşen G., AYTAŞ Ş., ERAL M.

- JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.0, 2002 (SCI-Expanded)
- LVII. **Thorium IV Sorption on Ignited Sarcotragus Muscarum its Kinetics and Thermodynamic Parameters**  
ASLANI M. A. A., Erentürk S., ERAL M.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.250, sa.1, ss.153-157, 2001 (SCI-Expanded)
- LVIII. **Rare Earth Elements Determination and Distribution Patterns in Sediments of a Polluted Marine Environment by Instrumental Neutron Activation Analysis**  
Mohd Yusof A., Erentürk S., Wood A.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.249, sa.2, ss.333-341, 2001 (SCI-Expanded)
- LIX. **Removal of uranium from aqueous solutions by diatomite (Kieselguhr)**  
AYTAŞ Ş., Erentürk S., ASLANI M. A. A., Aytekin U.  
Journal of Radioanalytical and Nuclear Chemistry, cilt.240, sa.3, ss.973-976, 1999 (SCI-Expanded)
- LX. **Distribution of uranium on zeolite X and investigation of thermodynamic parameters for this system**  
Akyil S., ASLANI M., AYTAS S.  
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.271, ss.769-773, 1998 (SCI-Expanded)
- LXI. **Separation of Thorium from Aqueous Solution Using Silk Fibroin**  
ASLANI M. A. A., ERAL M., Erentürk S.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.238, ss.123-127, 1998 (SCI-Expanded)
- LXII. **Immobilization of Thorium over Fibroin by Polyacrylonitrile PAN**  
ASLANI M. A. A., Erentürk S., ERAL M.  
WASTE MANAGEMENT, cilt.17, sa.1, ss.87-89, 1997 (SCI-Expanded)
- LXIII. **Gross alpha-particle activities in the ground waters in Western Anatolia**  
Akyil S., Erees F., Olmez S.  
APPLIED RADIATION AND ISOTOPES, cilt.47, sa.7, ss.709-711, 1996 (SCI-Expanded)
- LXIV. **Kinetic Studies of Uranium VI Adsorption on a Composite Ion Exchanger**  
Erentürk S., ASLANI M. A. A., AYTAŞ Ş., ERAL M.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.213, sa.6, ss.441-450, 1996 (SCI-Expanded)

## **Düger Dergilerde Yayınlanan Makaleler**

- I. **Accumulation of Heavy Metals and Determination of Natural Radioactivity in the Soil-Thyme System in Omerli, Istanbul: Assessment of Ecological and Health Risk**  
Esen A. N., Azbouche A., Haciyakupoğlu S., Erentürk S., Melzi Z.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, cilt.37, sa.1, ss.75-88, 2024 (Scopus)
- II. **Use of Composite Barrier in Radioactive Waste Repositories**  
Durmuş R. K. İ., ERENTÜRK S.  
Hacettepe Journal of Biology and Chemistry, cilt.51, sa.1, ss.51-56, 2023 (Hakemli Dergi)
- III. **Investigation the Interaction of Cesium Ions with Different Barrier Materials**  
Haciyakupoğlu S., Erentürk S., Şenkal B. F.  
IRP Journal of Radiation Researches, cilt.5, sa.2, ss.146-148, 2018 (Hakemli Dergi)
- IV. **Thermodynamic Behaviours of Selenium Ions onto Barrier Material for Nuclear Waste Management**  
ERENTÜRK S., HACIYAKUPOĞLU S.  
Journal of Radiation Researches, cilt.6, sa.2, ss.91-92, 2018 (Hakemli Dergi)
- V. **Investigation the Interaction of Cesium and Strontium Ions with Different Barrier Materials**  
HACIYAKUPOĞLU S., ERENTÜRK S., ŞENKAL B. F.  
Journal of Radiation Researches, cilt.5, sa.2, ss.146-148, 2018 (Hakemli Dergi)
- VI. **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 (Hakemli Dergi)
- VII. **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)
- VIII. **Adsorption Characterization of Strontium on PAN/Zeolite Composite Adsorbent**  
Yuşan S., Erentürk S.  
World Journal of Nuclear Science and Technology, cilt.1, ss.6-12, 2011 (Hakemli Dergi)
- IX. **Physicochemical Profile of Tundja and Maritza River Waters**  
Aytaş Ş., Lavrova S., Damianova A., Erentürk S., Aslani M. A. A., Karali T., Sivriev I., Turközü A., Yuşan S., Gök C., et al.  
Journal of Balkan Ecology, cilt.12, sa.4, ss.407-415, 2009 (Hakemli Dergi)
- X. **Measurement of Radium 226 in Ground and Drinking Water by the Electrodeposition Technique**  
ASLANI M. A. A., AYTAŞ Ş., ERENTÜRK S., Gülşen G., ERAL M.  
Environmental Protection against Radioactive Pollution, NATO-ARW Series, 2003 (Hakemli Dergi)
- XI. **Environmental Radioactivity in Soil Samples from Agricultural Lands**  
ERAL M., AYTAŞ Ş., ERENTÜRK S., ASLANI M. A. A.  
Environmental Protection against Radiactive Pollution, NATO-ARW Series, 2003 (Hakemli Dergi)

## Kitap & Kitap Bölümleri

- I. **İTÜ TRİGA MARK II REAKTÖRÜNDE NÖTRON AKTİVASYON ANALİZİNE GENEL BAKIŞ**  
Erentürk S., Hacıyakupoğlu S., Esen A. N.  
Nötron Aktivasyon Analizi ve Diğer Analitik Teknikler İçin 2010-2015 Yıllarında Yapılan Laboratuvarlar Arası Karşılaştırma ile Yeterlilik Testi: EK IV: ÜLKE RAPORLARI, International Atomic Energy Agency, Editör,  
International Atomic Energy Agency , Vienna, ss.163-174, 2017
- II. **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.  
AIP Conference Proceedings 1809, 020047 (2017), 6TH INTERNATIONAL ADVANCES IN APPLIED PHYSICS AND MATERIALS SCIENCE CONGRESS EXHIBITION, Editör, AIP (American Institute of Physics) Press , İstanbul,  
ss.200471-200476, 2017
- III. **Assessment of Adsorption Parameters Effectiveness for Radio-Selenium and Radio-Iodine Adsorption on Activated Carbon**  
Erentürk S.  
Energy Systems and Management, Bilge A.N., Özgür Toy A., Günay M.E. , Editör, Springer-Verlag , Berlin, ss.97-109, 2015
- IV. **Chapter 9: Assessment of Adsorption Parameters Effectiveness for Radio-Selenium and Radio-Iodine Adsorption on Activated Carbon**  
Tuğrul A. B., Yavuz N., Hacıyakupoğlu S., Erentürk S., Altınsoy N., Baydoğan N., Baytaş A. F., Büyük B., Demir E.  
Energy Systems and Management, A.N. Bilge,A.Özgür Toy and M.E. Günay, Editör, Springer, London/Berlin , İstanbul, ss.97-109, 2015
- V. **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.  
Energy Systems and Management, Bilge A.N.,Toy A.Ö.,Günay M.E., Editör, Springer, İstanbul, ss.97-108, 2015
- VI. **Behaviour of KNO<sub>3</sub> Fertilizer in Soil by the View of Land Conservation**  
Hacıyakupoğlu S., Tuğrul A. B., Baytaş A. F., Gökbulak F., Altınsoy N., Baydoğan N., Yavuz N., Erentürk S., Büyük B., Demir E.  
In: Challenges: Sustainable Land Management-Climate Change, Advances in GeoEcology 43, Zlatic M., Kostadinov S., Editör, Schweizbath Science Publishers Group West, Stutgard, ss.127-136, 2014
- VII. **Investigation of Salt Diffusion in Soil by Using Radiotracing Technique**  
Baytaş A. F., Tuğrul A. B., Gökbulak F., Baydoğan N., Altınsoy N., Hacıyakupoğlu S., Yavuz N., Erentürk S.  
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, Editör, Trans Tech Publication Material Science And Engineering Press,

Zürih, ss.274-278, 2013

- VIII. **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. Causes, Impacts, and Solutions to Global Warming, Ibrahim Dincer, Can Ozgur Colpan, Editör, Springer, London/Berlin , New York, ss.305-323, 2013
- IX. **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. Causes, Impacts and Solutions to Global Warming, Ibrahim Dincer, Can Ozgur Colpan, Fethi Kadioglu, Editör, Springer, New York, ss.1-29, 2013
- X. **Selenium Adsorption on Activated Carbon by Using Radiotracer Technique**  
Erentürk S.  
Causes, Impacts and Solutions to Global Warming, Dincer I., Colpan C.O., Kadioglu F., Editör, Springer-Verlag , Berlin, ss.305-323, 2013
- XI. **Environmental Radioactivity in Soil Samples from Agricultural Lands**  
Erentürk S.  
Environmental Protection against Radioactive Pollution, Birsen N. Kadyrzhanov K.K., Editör, Nato-Arw Barron's Educational Series, Inc., Amsterdam, ss.237-244, 2003
- XII. **Measurement of Radium-226 in Ground and Drinking Water by the Electrodeposition Technique**  
Erentürk S.  
Environmental Protection against Radioactive Pollution, Birsen N. Kadyrzhanov K.K., Editör, Nato-Arw Barron's Educational Series, Inc., Amsterdam, ss.179, 2003

### **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **QUANTIFYING THE EFFECT OF WILDFIRE ON SOIL ELEMENT CONCENTRATIONS IN MEDITERRANEAN**  
ESEN A. N., Yushin N., Grozdov D., Yıldız C., Zinicovscaia I., HACIYAKUPOĞLU S., ERENTÜRK S., GÖRÜM T. International Nuclear Sciences and Technologies Conference (INSTEC-22), 19 Ekim 2022
- II. **Neutron Shielding Performance of Different Ceramic Matrix Composites.**  
YALÇINKAYA D. A., HACIYAKUPOĞLU S., ERENTÜRK S.  
V. International Ege Composite Materials Symposium (KOMPEGE 2021), Türkiye, 04 Kasım 2021
- III. **Review of moss biomonitoring in Turkey**  
ESEN A. N., HACIYAKUPOĞLU S., ERENTÜRK S.  
4th Task Force Meeting of the ICP Vegetation, 22 Şubat 2021, ss.31
- IV. **Role of Polymer-Based Barrier Systems in Exposed Dose of Biota through Tin from Redox-Sensitive Elements in Nuclear Waste**  
İleri R. K., ERENTÜRK S.  
International Symposium on Academic Studies in Science, Engineering and Architecture Studies, Türkiye, 15 - 17 Kasım 2019
- V. **KINETIC MODELING OF CESIUM AND STRONTIUM ADSORPTION ONTO BARRIER MATERIAL**  
HACIYAKUPOĞLU S., ERENTÜRK S., ESEN A. N., ŞENKAL B. F.  
2nd International Conference on Radioanalytical and Nuclear Chemistry, 5 - 10 Mayıs 2019
- VI. **Radiological assessment on the terrestrial non-human biota in Turkey using ERICA tool**  
ESEN A. N., HACIYAKUPOĞLU S., ERENTÜRK S.  
2nd International Conference on Radioanalytical and Nuclear Chemistry, 5 - 10 Mayıs 2019, ss.362
- VII. **Kinetic studies of cesium and strontium adsorption from aqueous solution onto potential barrier material**  
HACIYAKUPOĞLU S., ERENTÜRK S., ESEN A. N., ŞENKAL B. F.  
2nd International Conference on Radioanalytical and Nuclear Chemistry, 05 Mayıs 2019, ss.396
- VIII. **Assessment of the radiological impact of coal-fired power plants to non-human biota using ERICA**

**tool**

ESEN A. N., HACIYAKUPOĞLU S., ERENTÜRK S.

IN SItu Nuclear MEtrology as a tool forradioecology – INSINUME 2019, 23 - 26 Nisan 2019

- IX. **Assessment of the radiological impact of coal-fired power plants to terrestrial biota using ERICA tool**

ESEN A. N., HACIYAKUPOĞLU S., ERENTÜRK S.

8th International Symposium on IN SItu Nuclear MEtrology as a tool for radioecology, 23 Nisan 2019, ss.30-32

- X. **Equilibrium and Thermodynamic Parameters of Adsorption of 209Po onto Zeolite**

HIÇSÖNMEZ Ü., UĞUR GÖRGÜN A., ASLANI M. A. A., ERENTÜRK S.

Fourth International Conference on Po and Radioactive Pb Isotopes (INCO-PoPb-2019), 8 - 11 Nisan 2019

- XI. **Interaction of Cesium and Strontium Ions with Engineering Barrier Material and their Dose Risk Assessment**

HACIYAKUPOĞLU S., ERENTÜRK S., Durmuş R. İ., ŞENKAL B. F.

IN SItu Nuclear MEtrology as a tool forradioecology – INSINUME 2019, 23 - 26 Nisan 2019

- XII. **Thermodynamic Behaviors of Selenium Ions onto Barrier Material using Radiotracer Technique**

HACIYAKUPOĞLU S., ERENTÜRK S.

8th International Conference on Tracers and Tracing Methods, 26 - 28 Şubat 2019

- XIII. **Investigation of Structural Properties of Barrier Material for Nuclear Waste Storage usIng Non-radioactIve Tracers**

ERENTÜRK S., HACIYAKUPOĞLU S., ŞENKAL B. F.

8th International Conference on Tracers and Tracing Methods, Đà Nẵng, Vietnam, 26 - 28 Şubat 2019

- XIV. **Investigation the Interaction of Cesium and Strontium Ions with Different Barrier Materials**

HACIYAKUPOĞLU S., ERENTÜRK S., ŞENKAL B. F.

International conference on Radiation processes and Their Applications, 13 - 14 Kasım 2018

- XV. **Thermodynamic Behaviours of Selenium Ions onto Barrier Material for Nuclear Waste Management**

ERENTÜRK S., HACIYAKUPOĞLU S.

International conference on Radiation processes and Their Applications, 13 - 14 Kasım 2018

- XVI. **USABILITY OF POLYMERIC NANOCOMPOSITE ADSORBENTS IN NUCLEAR WASTE MANAGEMENT**

ERENTÜRK S.

POLYMER NANOCOMPOSITES SYMPOSIUM, 21 - 22 Şubat 2018, ss.45-46

- XVII. **DETERMINATION OF 210PO AND 210PB BY MOSS MONITORING TECHNIQUE IN THRACE REGION OF TURKEY**

KILIÇ Ö., BELİVERMİŞ M., SEZER N., SIKDOKUR E., ERENTÜRK S., HACIYAKUPOĞLU S.

BIOMAP 8, DUBNA, Rusya, 2 - 07 Temmuz 2018, cilt.1, ss.1-2

- XVIII. **Application of Neutron Activation Analysis for Environmental Pollution**

ERENTÜRK S., HACIYAKUPOĞLU S.

Uluslararası ve Disiplinlerarası Çevre ve Edebiyat Sempozyumu, 1 - 03 Kasım 2017

- XIX. **Atmospheric Deposition of Major and Trace Elements by Moss Biomonitoring Technique**

HACIYAKUPOĞLU S., ERENTÜRK S.

Uluslararası ve Disiplinlerarası Çevre ve Edebiyat Sempozyumu, 1 - 03 Kasım 2017

- XX. **Moss biomonitoring to estimate environmental pollution by atmospheric deposition of radionuclides**

ERENTÜRK S., HACIYAKUPOĞLU S.

Uluslararası ve Disiplinlerarası Çevre ve Edebiyat Sempozyumu, 1 - 03 Kasım 2017

- XXI. **Applications of Ceramic Materials in Nuclear Waste Management**

YANIKÖMER N., ERENTÜRK S., HACIYAKUPOĞLU S.

International Materials Technologies and Metallurgy Conference 2017, 26 - 27 Ekim 2017, ss.349-350

- XXII. **Radiation Shielding Materials with Ceramic Matrix**

Asal S., ERENTÜRK S., HACIYAKUPOĞLU S., YANIKÖMER N.

International Materials Technologies and Metallurgy Conference 2017, 26 - 27 Ekim 2017, ss.346-348

- XXIII. **Comparison of Relative INAA and k0-INAA using Proficiency Test Materials at ITU TRIGA Mark II Research Reactor**

- ESEN A. N., HACIYAKUPOĞLU S., ERENTÜRK S.  
7th International k0-Users' Workshop, 3 - 08 Eylül 2017, ss.33
- XXIV. **Chemical Patterns in Sediments of Ancient Theodosius Harbor (Istanbul)**  
HACIYAKUPOĞLU S., ERENTÜRK S., İleri R. K., YANIKÖMER N.  
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- XXV. **Spatial Distribution and Ecological Risk Assesment for Heavy Metals in Surface Sediments from Van Lake**  
ERENTÜRK S., HACIYAKUPOĞLU S., YANIKÖMER N., İleri R. K., HİÇSÖNMEZ Ü.  
14th International Symposium on the Interactions between Sediments and Water, 17 - 22 Haziran 2017, ss.55
- XXVI. **VARIOUS ASPECTS OF USING CAESIUM-137 RADIONUCLIDE IN SOIL EROSION INVESTIGATIONS**  
ERENTÜRK S., HACIYAKUPOĞLU S., OĞUZ İ.  
Implication of Urbanization and Industrilization for Cultural Heritage and Biodiversity, 29 - 30 Nisan 2017
- XXVII. **USAGE OF Cs-137 AND EXCESS Pb-210 MEASUREMENTS IN SEDIMENTATION INVESTIGATIONS**  
HACIYAKUPOĞLU S., ERENTÜRK S., OĞUZ İ.  
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- XXVIII. **Usage of Cs-137 and Excess Pb-210 Measurement in Sedimentation Investigations**  
HACIYAKUPOĞLU S., ERENTÜRK S., OĞUZ İ.  
Implication of Urbanization and Industrelization for Cultural Heritage and Biodiversity, GENCE, Azerbaycan, 29 - 30 Nisan 2017, cilt.277
- XXIX. **Assessment of environmental risk from coal using neutron activation analysis**  
İleri R., HACIYAKUPOĞLU S., ESEN A. N., ERENTÜRK S., Oruçoglu E.  
4th International Congress APMAS 2014, 24 Nisan 2017, ss.483
- XXX. **Ecological Risk Levels Of Heavy Metal Contamination in Geothermal Flui Samples From Çeşme-Turkey**  
GÜR FİLİZ F., TARAKÇI M., UĞUR GÖRGÜN A., ERENTÜRK S.  
IWA-PPFW 2017, 2nd IWA Regional Symposium on Water, Wastewater and Environment, İzmir, Türkiye, 22 - 24 Mart 2017
- XXXI. **Ecological Risk Levels of Heavy Metal Contamination in Geothermal Flui Samples from Cesme-Turkey**  
GÜR FİLİZ F., TARAKÇI M., UĞUR GÖRGÜN A., ERENTÜRK S.  
IWA-PPFW 2017, 2 nd IWA Regional Symposium on Water, Wastewater and Environment, İzmir, Türkiye, 22 - 24 Mart 2017
- XXXII. **RADIONUCLIDE CONTENT OF ÇEŞME GEOTHERMAL REGION, IZMIR CITY, TURKEY**  
GÜR FİLİZ F., TARAKÇI M., UĞUR GÖRGÜN A., ERENTÜRK S.  
IWA-PPFW 2017, 2nd Regional Symposium on water, wastewater and environment, İzmir, Türkiye, 22 - 24 Mart 2017
- XXXIII. **Atmospheric Deposition of Major and Trace Elements by the Moss Biomonitoring Technique in Istanbul/Turkey**  
ERENTÜRK S., HACIYAKUPOĞLU S.  
30th Task Force Meeting, 14 - 17 Şubat 2017, ss.60
- XXXIV. **Analysis of Mosses to Monitor Radioactivity from the Atmosphere (Istanbul/Turkey)**  
HACIYAKUPOĞLU S., ERENTÜRK S., Gungor N., Bayülken S., Karahan G.  
30th Task Force Meeting, 14 - 17 Şubat 2017, ss.64
- XXXV. **Investigation of coal and lignite samples from different regions in Turkey in terms of effect on biodiversity**  
Kutlu O. Y., HACIYAKUPOĞLU S., ERENTÜRK S.  
Implementation of Urbanization and Industrialization Effects on Biodiversity, 22 - 23 Ekim 2016
- XXXVI. **Assessment of heavy metal pollution in soil from industrially intensive areas in terms of ecological risk levels**  
ERENTÜRK S., HACIYAKUPOĞLU S.  
Implementation of Urbanization and Industrialization Effects on Biodiversity, 22 - 23 Ekim 2016
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XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Türkiye, 12 - 14 Ekim 2016
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XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Ankara, Türkiye, 12 - 14 Ekim 2016, cilt.1, ss.1-5
- XL. **Removal of chromium from aqueous media by using adsorption technique**  
YANIKÖMER N., HACIYAKUPOĞLU S., ERENTÜRK S.  
International Scientific-Practical Conference on Protection of Biodiversity in the conditions of Urbanization and industrialization, 1 - 02 Ekim 2016
- XLI. **Assesment of heavy metal pollution and toxicity of fishing harbour sediments in the Eastern Black Sea coast of Turkey**  
KOÇBAŞ F., ORAL R., ERENTÜRK S.  
International Scientific-Practical Conference on Protection of Biodiversity in the conditions of Urbanization and industrialization, 1 - 02 Ekim 2016
- XLII. **Investigation of surface interaction between solid and ions using radiotracer**  
HACIYAKUPOĞLU S., ERENTÜRK S.  
IAEA Technical Meeting (F1-TM-52895) on Specific Applications of Research Reactors: Production and Use of Radiotracers, 20 - 24 Haziran 2016
- XLIII. **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 Haziran 2016, cilt.1, ss.196
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- XLV. **Physicochemical behaviour of radionuclides in environment**  
ERENTÜRK S., HACIYAKUPOĞLU S.  
International Symposium on Modern Problems of University-Industry relations in Bologna Proces, 30 Nisan - 01 Mayıs 2016
- XLVI. **Removal of caesium and strontium using modified atapulgite evaluation of thermodynamic and kinetic data**  
Kılınçarslan A. K., ERENTÜRK S., ERAL M.  
1st International Conference on Journal of Radioanalytical and Nuclear Chemistry, 11 - 15 Nisan 2016
- XLVII. **Removal of 226Ra from Aqueous Media and its Thermodynamics and Kinetics**  
Kılınçarslan A. K., ERENTÜRK S.  
1st International Conference on Journal of Radioanalytical and Nuclear Chemistry, 11 - 15 Nisan 2016
- XLVIII. **Investigation of Istanbul's neolithic age animal findings by neutron activation analysis**  
AYŞE TUBA Ö., HACIYAKUPOĞLU S., JOHANNES S., ERENTÜRK S.  
RANC 1st First International Conference on Radioanalytical and Nuclear Chemistry, 10 Nisan 2106 - 15 Nisan 2016
- XLIX. **Neutron activation analysis of some plant samples at Istanbul Technical University Energy Institute**  
HACIYAKUPOĞLU S., ERENTÜRK S.  
ICP Vegetation 29th Task Force Meeting, 29 Şubat - 04 Mart 2016
- L. **Preliminary study on radioactivity and heavy metals on moss at ITU Energy Institute**  
ERENTÜRK S., HACIYAKUPOĞLU S.  
ICP Vegetation 29th Task Force Meeting, 29 Şubat 2016 - 04 Mart 2017
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## **DifferenetMembranes**

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, Planningand Economics(CEMEPE 2015) & SECOTOX Conference, Athens, Yunanistan, 11 - 13 Kasım 2015, cilt.1, ss.344-349

### **LII. Removal of 210Po from Aqueous Media and its Thermodynamics and Kinetics**

ERENTÜRK S., Kılınçarslan Kaygun A.

Third International Conference on Po and Radioactive Pb Isotopes (INCO-PoPb-2015), 11 - 14 Ekim 2015

### **LIII. Long term consequences of 210Pb Activity Concentrations for non human biota**

ERENTÜRK S., İleri R. K., HACIYAKUPOĞLU S.

Third International Conference on Po and Radioactive Pb Isotopes (INCO-PoPb-2015), 11 - 14 Ekim 2015

### **LIV. Membran kullanımı ile sulu ortamlardan Metilen mavisi eliminasyonu**

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

4. Ulusal Membran Teknolojileri ve Uygulamaları Sempozyumu, Türkiye, 7 - 08 Ekim 2015, ss.143-146

### **LV. 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, Türkiye, 7 - 08 Ekim 2015, ss.8

### **LVI. 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, Türkiye, 7 - 08 Ekim 2015, cilt.1, ss.7

### **LVII. Characterization of Neolithic and Early Byzantine human bones from yenikapi excavations by X ray fluorescence method**

İleri R. K., HACIYAKUPOĞLU S., ERENTÜRK S.

11th International Conference on Nuclear Analytical Methods in the Life Sciences, NAMLS-11, Innovation – Relevance – Sustainability, 23 - 28 Ağustos 2015

### **LVIII. Feasibility study of k0 INAA at the ITU TRIGA Mark II research reactor**

ESEN A. N., HACIYAKUPOĞLU S., ERENTÜRK S., KUBESOVA M., JAN K.

11th International Conference on Nuclear Analytical Methods in the Life Sciences, NAMLS-11, Innovation – Relevance – Sustainability, 23 - 28 Ağustos 2015

### **LIX. Feasibility study of k0-INAA at the ITU TRIGA Mark II research reactor, Turkey**

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14th International Conference on Modern Trends in Activation Analysis, 23 Ağustos 2015, ss.51

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İleri R. K., HACIYAKUPOĞLU S., ESEN A. N., ERENTÜRK S., Kubesova M., Kucera J., Varan A., Krausova I.

11th International Conference on Nuclear Analytical Methods in the Life Sciences, NAMLS-11, Innovation – Relevance – Sustainability, 23 - 28 Ağustos 2015

### **LXI. Feasibility study of k0 INAA at the ITU TRIGA Mark II research reactor Turkey**

ESEN A. N., HACIYAKUPOĞLU S., ERENTÜRK S., Kobesova M., Kucera J.

11th International Conference on Nuclear Analytical Methods in the Life Sciences, NAMLS-11, Innovation – Relevance – Sustainability, 23 - 28 Ağustos 2015

### **LXII. 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 Internatioanl Conference on Environmental Management, Engineering, planning and Economics (CEMEPE 2015), Mykeonos Island, Yunanistan, 14 - 17 Haziran 2015, ss.125

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Tuğrul A. B., Erentürk S., Hacıyakupoğlu S., Yavuz N., Altınsoy N., Baydoğan N., Baytaş A. F., Büyük B., Demir E., Oruçoglu E.

International Conference on Computational and Experimental Science and Engineering (ICCESEN), Antalya,

Türkiye, 25 - 29 Ekim 2014, cilt.1, ss.6

- LXIV. **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., Büyükk B., Gedik S.  
2nd International Conference on Computational and Experimental Science and Engineering (ICCESEN 2015), 2 - 04 Ekim 2014
- LXV. **Assessment of Radioiodine and Radioselenium Adsorptions on Activated Carbon in Aqueous Media**  
Tuğrul A. B., Yavuz N., Haciyakupoğlu S., Erentürk S., Altınsoy N., Baydoğan N., Baytaş A. F., Büyükk B., Demir E.  
ICEM-2014, İstanbul, Türkiye, 5 - 07 Haziran 2014, ss.37
- LXVI. **Assessment of Adsorption Parameter Effectiveness for Radio-Selenium and Radio-Iodine Adsorption on Activated Carbon**  
Tugrul A. B., Karatepe N., Haciyakupoğlu S., Erentürk S., Altınsoy N., Baydoğan N., Baytas F., Buyuk B., Demir E.  
International Conference on Energy and Management, Türkiye, 5 - 07 Haziran 2014, ss.97-108
- LXVII. **Kinetic and thermodynamic modeling approaches of selenium by man-made and natural geological barriers for nuclear waste**  
Erentürk S., Haciyakupoğlu S., Oruçoğlu E., İleri R. K.  
17th Radiochemical Conference, Marianske Lazne, Çek Cumhuriyeti, 11 - 16 Mayıs 2014, ss.157
- LXVIII. **Assessment of Radiation and Chemical risk in Soils by Radiometric and Radioanalytical Methods**  
Erentürk S., Haciyakupoğlu S., ESEN A. N., İleri R. K., YUŞAN S., Gür Filiz F., Belivermiş M., Kılıç Ö., Koçbaş F., Akıner M., et al.  
17th Radiochemical Conference, Marianske Lazne, Çek Cumhuriyeti, 11 - 16 Mayıs 2014, ss.135
- LXIX. **Investigation for Remediation of Selenium Aqueous Environment with Using Organic Pillared Bentonite by Radiotracer Technique**  
Tuğrul B., Haciyakupoğlu S., Erentürk S., Yavuz N., Baytaş A. F., Baydoğan N., Altınsoy N., Büyükk B., Oruçoğlu E., Demir E., et al.  
APMAS 2014, 4th International Advances in Applied Physics & Materials Science Congress & Exhibition, Muğla, Türkiye, 24 - 27 Nisan 2014, ss.1-5
- LXX. **Determination of chromium in proficiency testing soil samples by neutron activation analysis**  
HACIYAKUPOĞLU S., ESEN A. N., ERENTÜRK S.  
The Fourth International Proficiency Testing Conference, 18 Eylül 2013, ss.155-162
- LXXI. **Modelling of selenium adsorption for remediation of contaminated aquatic systems**  
Haciyakupoğlu S., ORUCOGLU E., ESEN A. N., YUŞAN S., Erentürk S.  
Fourth International Conference on Environmental Mangemenet, Engineering, Planning and Economics (CEMEPE 2013)&SECOTOX Conference, Mykonos, Yunanistan, 24 - 28 Haziran 2013, ss.216-221
- LXXII. **Modeling of Selenium Adsorption for Remediation of Contaminated Aquatic Systems**  
HACIYAKUPOĞLU S., ESEN A. N., YUŞAN S., ERENTÜRK S.  
Fourth International Conference on Environmental Management, Engineering, Planning and Economics, 24 Haziran 2013, ss.249
- LXXIII. **Determining distribution of heavy metal pollution in terms of ecological risk levels in the industrially intensive areas around Istanbul**  
HACIYAKUPOĞLU S., ESEN A. N., ERENTÜRK S., Camtakan Z., Kızıltas S., Okka M., Genceli M., Mercimek M., GENCELİ N. E., YUŞAN S., et al.  
Fourth International Conference on Environmental Mangemenet, Engineering, Planning and Economics (CEMEPE 2013)&SECOTOX Conference, Yunanistan, 24 - 28 Haziran 2013
- LXXIV. **Modeling of mass transfer of uranium on different nanoadsorbents for the remediation of contaminated aquatic system**  
YUŞAN S., ERENTÜRK S.  
Fourth International Conference on Environmental Mangemenet, Engineering, Planning and Economics (CEMEPE 2013)&SECOTOX Conference, 24 - 28 Haziran 2013
- LXXV. **Determining spatial distribution of heavy metal pollution in terms of ecological risk levels in the**

**industrially intensive areas around Istanbul**

HACIYAKUPOĞLU S., ESEN A. N., ERENTÜRK S., YUŞAN S., CAMTAKAN Z., TANBAY T.

Fourth International Conference on Environmental Management, Engineering, Planning and Economics, 24 Haziran 2013, ss.137

**LXXVI. Arsenic Determination in Coal and Ash Samples by Neutron Activation Analysis**

ESEN A. N., Oruçoglu E., HACIYAKUPOĞLU S., ERENTÜRK S.

European Research Reactor Conference, 21 Nisan 2013, ss.26-31

**LXXVII. 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, Türkiye, 25 - 29 Haziran 2012, cilt.334-335, ss.274-278

**LXXVIII. Determination of Gross Alpha and Gross Beta Activities of Maritza and Tundja Riverbank Sediments and Evaluation of the Results with Sediment Characteristics**

AYTAŞ Ş., KARALI T., YUŞAN S., Aslani M. A. A., TÜRKÖZÜ D. A., Gök C., Erentürk S., GÖKÇE M., Oğuz F.

International Ecological Conference Ecology-Interdisciplinary Science and Practice, Sofia, Bulgaristan, 25 - 26 Ekim 2012, ss.321-324

**LXXIX. Determining Spatial Distribution of Industrial Pollution in Terms of Ecological Risk Levels**

Erentürk S., Hacıyakupoğlu S., CAMTAKAN Z., KIZILTAS S., OKKA M., GENCELİ M., MERCIMEK M., GENCELİ E., YUŞAN S., FILİZ F. G., et al.

International Ecological Conference Ecology-Interdisciplinary Science and Practice, Sofia, Bulgaristan, 25 - 26 Ekim 2012, ss.435-438

**LXXX. Assessment of Natural Radioactivity with Hazardous Nature and Heavy Metal Concentration of Maritza and Tundja Riverbank Sediments**

AYTAŞ Ş., Yuşan S., Aslani M. A. A., KARALI T., TÜRKÖZÜ D. A., GÖK C., Erentürk S., GÖKÇE M., Oğuz F.

International Ecological Conference Ecology-Interdisciplinary Science and Practice, Sofia, Bulgaristan, 25 - 26 Ekim 2012, ss.321-327

**LXXXI. 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, Türkiye, 8 - 12 Temmuz 2012, ss.42

**LXXXII. Determination and Evaluatin of Natural Radioactivity and Heavy Metal Levels in Surface Sediments of Maritza and Tundja River**

AYTAŞ Ş., YUŞAN S., Aslani M. A. A., KARALI T., TÜRKÖZÜ D. A., Gök C., Erentürk S., GÖKÇE M., Oğuz F.

6th International Symposium on In situ Nuclear Metrology as a Tool for Radioecology, Brussels, Belçika, 11 - 15 Haziran 2012, ss.55

**LXXXIII. Remediation Investigation of Selenium in Aqueous Environment With Using Activated Carbon**

Baydoğan N., Hacıyakupoğlu S., Tuğrul A. B., Erentürk S., Altınsoy N., Baytaş A. F., Demir E.

Global Conference on Global Warming-2012 (GCGW-12), İstanbul, Türkiye, 1 - 03 Haziran 2012, cilt.1, ss.17-21

**LXXXIV. Cooperation on Transboundary Waters on Radiological and Chemical Monitoring of the Rivers Common for Turkey and Bulgaria**

AYTAŞ Ş., Erentürk S., Aslani M. A. A., TÜRKÖZÜ D. A., KARALI T., Gök C., YUSAN S. (, GÖKÇE M., Oğuz F.

5th International Symposium on In situ Nuclear Metrology as a Tool for - Radioecology, Dubna, Rusya, 20 - 23 Ekim 2010, ss.26

**LXXXV. Synthesis of alpha-FeOOH Nanocrystals and Investigations into the Kinetics and Thermodynamics of U(VI) Adsorption on Goethite (?-FeOOH)**

YUŞAN S., Erentürk S.

International Conference on Nanomaterials and Nanosystems (NanoMats2009), İstanbul, Türkiye, 10 - 13 Ağustos 2009, ss.188

**LXXXVI. Comparison of Sorption Capacities for Recovery of U(VI) from Aqueous Solutions**

YUŞAN S., Erentürk S.

- The Fifth Eurasian Conference on Nuclear Science and its Application, Ankara, Türkiye, 14 - 17 Ekim 2008, ss.189
- LXXXVII. **Uranium (VI) Sorption onto Goethite ( $\alpha$ -FeOOH): Synthesis and Characterization**  
YUŞAN S., Erentürk S.  
International Symposium on Green Chemistry for Environment and Health, Munich, Almanya, 13 - 16 Ekim 2008, ss.12
- LXXXVIII. **Radioactivity Levels in the Surface Waters and Sediments from Van Lake/Turkey**  
Erentürk S., AYTAŞ Ş., Aslani M. A. A., TÜRKÖZÜ D. A., YUŞAN S., Hasan Ayhan A., Mehmet Akif I., Tolluoğlu A., ERAL M., ÖLGEN M. K.  
4th International Symposium on In situ Nuclear Metrology - as a Tool for Radioecology, Rabat, Fas, 13 - 16 Ekim 2008, ss.170
- LXXXIX. **Radiological and Chemical Monitoring of the Rivers Common for Turkey and Bulgaria**  
AYTAŞ Ş., Erentürk S., Aslani M. A. A., TÜRKÖZÜ D. A., KARALI T., GÖKÇE M., Gök C., YUŞAN S.  
Turkish Physical Society 25. International Physics Conference, Muğla, Türkiye, 25 - 29 Ağustos 2008, ss.372
- XC. **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 Eurosion Conference on Nuclear Science and Its Applications, Ankara, Türkiye, 1 - 03 Ocak 2008, ss.1-5
- XCI. **Sorption of Uranium(VI) by Volcanic Tuff**  
YUŞAN S., TÜRKÖZÜ D. A., Hasan Ayhan A., AYTAŞ Ş., Erentürk S., Aslani M. A. A.  
9th International Conference on Fundamentals of Adsorption, Giardini Naxos, Sicily, İtalya, 20 - 25 Mayıs 2007, ss.323
- XCII. **Determination of Radioactivity In Surface Waters and Lake Waters**  
AYTAS S., Erentürk S., Aslani M. A. A., Turközü A., YUŞAN S., ERAL M.  
BEOBAL Conference, Sofia, Bulgaristan, 21 - 25 Mart 2007, ss.206-215
- XCIII. **Studies on Radioactivity Measurements in Groundwater**  
YUŞAN S., Erentürk S.  
NATO-ASI on Overexploitation and Contamination of Shared Groundwater Resources: Management, (Bio)technological and Political Approaches to Avoid Conflicts, Varna, Bulgaristan, 1 - 12 Ekim 2006
- XCIV. **Radioactivity Levels in Waters and Sediments from Van Lake/Turkey**  
TÜRKÖZÜ D. A., YUŞAN S., Hasan Ayhan A., Mehmet Akif I., Aslani M. A. A., Erentürk S., AYTAŞ Ş., Tolluoğlu A., ERAL M., ÖLGEN M. K.  
INSINUME'2006 International Symposium "In-situ Nuclear Metrology as a Tool for Radioecology", Aydın, Türkiye, 6 - 08 Eylül 2006, ss.49
- XCV. **Study of the Sorption Behaviour of Uranium from Aqueous Solutions with Volcanic Tuff**  
YUŞAN S., TÜRKÖZÜ D. A., Hasan Ayhan A., AYTAŞ Ş., Erentürk S., Aslani M. A. A.  
INSINUME'2006 International Symposium "In-situ Nuclear Metrology as a Tool for Radioecology", Aydın, Türkiye, 6 - 08 Eylül 2006, ss.103
- XCVI. **Relationship Between Natural Radioactivity and Rock Type in the Van Lake Basin-Turkey**  
Tolluoğlu A., ERAL M., AYTAŞ Ş., Erentürk S., Mehmet Akif I., Aslani M. A. A., Köse O., Çiftçi Y., TÜRKÖZÜ D. A., Yüksel A.  
International Symposium INSINUME 2004, In Situ Nuclear Metrology as a Tool of Radioecology, Albena, Bulgaristan, 27 - 30 Eylül 2004, ss.19
- XCVII. **Natural Radioactivity in Surface Waters in Van Lake Basin, Turkey**  
Tolluoğlu A., ERAL M., Ölmez Ş., Erentürk S., Mehmet Akif I., Aslani M. A. A., Köse O., Çiftçi Y., Turközü A., Yüksel A.  
International Symposium INSINUME 2004, In Situ Nuclear Metrology as a Tool of Radioecology, Albena, Bulgaristan, 27 Ekim - 30 Eylül 2004, ss.53
- XCVIII. **Preparation of Organic / Inorganic Composite Adsorbent for Removal of Radionuclides**  
Kaygun A. K., Erentürk S.  
Chemical Modification and Blending of Synthetic and Natural Macromolecules for Preparing Multiphase Structural and Functional Materials; Principles, Methods and Properties, NATO-ASI, Tirrenia-Pisa, İtalya, 6 - 16 Ekim 2003, ss.10
- XCIX. **Information on University Institute of Nuclear Sciences and Studies on Environmental Radioactivity**

## **Measurements**

Aytaş Ş., Erentürk S.

HIMONTONET European Workshop, Rila Mountain, Bulgaristan, 29 Haziran - 03 Temmuz 2003, ss.185-190

**C. Measurement of Radium-226 in Ground and Drinking Water by the Electrodeposition Technique**

Aslani M. A. A., AYTAŞ Ş., Erentürk S., Gürboğa G., ERAL M.

ECNSA-2002, Advanced Research Workshop Environmental Protection Against7 Radioactive Pollution, Almaty, Kazakhstan, 16 - 19 Eylül 2002, ss.49-50

**CI. Activity Concentration of Polonium-210 in Soils Taken From Cultivated Lands**

Aslani M. A. A., Erentürk S., AYTAŞ Ş., Gürboğa G., ERAL M.

7th International Conference on Nuclear Analytical Methods in The Life Sciences, NAMLS, Antalya, Türkiye, 16 - 21 Haziran 2002, ss.106

**CII. Vertical Distributions of Radium-226 and Polonium-210 in Agricultural Soils**

Erentürk S., Gürboğa G., Aslani M. A. A., AYTAŞ Ş.

7th International Conference on Nuclear Analytical Methods in The Life Sciences, NAMLS, Antalya, Türkiye, 16 - 21 Haziran 2002, ss.105

**CIII. Vertical Distribution of Ra-226 and Po-210 in Agricultural Soils**

Erentürk S., Gürboğa G., Aslani M. A. A., AYTAŞ Ş.

Migration'01, Bregenz, Avusturya, 16 - 21 Eylül 2001, ss.81

**CIV. Investigation of Uranium Adsorption by using Coconut Shell**

Aslani M. A. A., Erentürk S., AYTAŞ Ş., ERAL M.

I. Eurasia Conference on Nuclear Science and its Application, İzmir, Türkiye, 23 - 27 Ekim 2000, ss.952-954

**CV. Determination of Radium-226 in Soil by Radioanalytical Method**

Erentürk S., AYTAŞ Ş., Aslani M. A. A., ERAL M.

I. Eurasia Conference on Nuclear Science and its Application, İzmir, Türkiye, 23 - 27 Ekim 2000, ss.387-389

**CVI. Distribution of Rare Earth Elements in Sediments of a Polluted Marine Environment by Instrumental Neutron Activation Analysis**

Erentürk S., Yusof A. M.

I. Eurasia Conference on Nuclear Science and its Application, İzmir, Türkiye, 23 - 27 Ekim 2000, ss.696-698

**CVII. Caesium-137 Activity in Soil from an Agricultural Land in West Anatolia**

YAPRAK G., Aslani M. A. A., AYTAŞ Ş., Erentürk S., ERAL M., YENER G.

I. Eurasia Conference on Nuclear Science and its Application, İzmir, Türkiye, 23 - 27 Ekim 2000, ss.431-433

**CVIII. Radiochemical Determination of Ra-226 in Agricultural Soils**

Erentürk S., AYTAŞ Ş., Aslani M. A. A., ERAL M.

BPU-4, Veliko-Turnova, Bulgaristan, 22 - 27 Ağustos 2000, ss.12

**CIX. Distribution of Cs-137 in Agricultural Soil Samples of the Buyuk Menderes Basin**

Aslani M. A. A., AYTAŞ Ş., Erentürk S., ERAL M., YENER G., YAPRAK G.

BPU-4, Veliko-Turnova, Bulgaristan, 22 - 27 Ağustos 2000, ss.15

**CX. Determination of Natural Radioactivity in Public Drinking Water Quality Assessment**

Yusof A., Wang L., Ting S., ERENTÜRK S.

Methods and Applications of Radioanalytical Chemistry-V, Hawaii, Amerika Birleşik Devletleri, 9 - 14 Nisan 2000

**CXI. Rare Earth Elements Determination and Distribution Patterns in Sediments of a Polluted Marine Environment by Instrumental Neutron Activation Analysis**

Yusof A., ERENTÜRK S., Wood A.

Methods and Applications of Radioanalytical Chemistry-V, Hawaii, Amerika Birleşik Devletleri, 9 - 14 Nisan 2000

**CXII. The Assessment of Marine Sediment Pollution from Rare Earth Elements (REE) Distribution Pattern Using Instrumental Neutron Activation Analysis**

Yusof A. M., Erentürk S., Wood A.

SKAM-12, Kuala Terengannu, Malezya, 4 - 05 Eylül 1999, ss.25-28

**CXIII. Removal of Uranium from Aqueous Solution by Different Types of Diatomite (Kieselguhr)**

Umut A., AYTAŞ Ş., Erentürk S., Aslani M. A. A.

Actinides'97 International Conference, Baden-Baden, Almanya, 21 - 26 Eylül 1997

- CXIV. Investigation of Thorium Sorption from Dilute Aqueous Solution by Using Silk Fibroin (I)**  
Aslani M. A. A., ERAL M., Erentürk S.  
6th Nordic Symposium on Trace Elements in Human Health and Disease, Roskilde, Danimarka, 29 Haziran - 03 Temmuz 1997, ss.46
- CXV. Developing a Composite Ion Exchanger for the Concentration of Uranium**  
Erentürk S., ERAL M.  
35. IUPAC Kongresi, İstanbul, Türkiye, 14 - 19 Ağustos 1995, ss.428
- CXVI. Adsorption of Uranium into the Mixtures of Zeolites**  
Erentürk S., ERAL M.  
35. IUPAC Kongresi, İstanbul, Türkiye, 14 - 19 Ağustos 1995, ss.492
- CXVII. Distribution Studies of Uranium in Clinoptilolite**  
AYTAŞ Ş., Erentürk S., ERAL M.  
Sofia Zeolite Meeting'95, International Symposium and Exhibition on Natural Zeolites, Sofia, Bulgaristan, 18 - 25 Haziran 1995, ss.40-41
- CXVIII. Recovery of Uranium from Carbonate Leach Solution by Using Amberlite IRA-400**  
Erentürk S., Eral M.  
2nd International Conference Chemistry in Industry, Manama, Bahreyn, 24 - 26 Ekim 1994, ss.1354-1358
- CXIX. Extraction of Uranium by the Crude Oil of Liquidambar Orientalis Tree**  
Erentürk S., Ölmez Ş., Kinaci S. R.  
2nd International Conference Chemistry in Industry, Manama, Bahreyn, 24 - 26 Ekim 1994, ss.1338-1345

## **Desteklenen Projeler**

Erentürk S., Tan Ü., Şentürk Lüle S., Okyar A., YUŞAN S., Yükseköğretim Kurumları Destekli Proje, Doğal Hammaddeler Kullanılarak Cam-Seramik Radyasyon Zırhlama Malzemelerinin Hazırlanması ve Zırhlama Performanslarının Belirlenmesi, 2022 - Devam Ediyor

Erentürk S., İleri R. K., Yükseköğretim Kurumları Destekli Proje, Nükleer Atıklardaki Bazı Redoks Duyarlı Elementlerin Polimer Bazlı Bariyer Sistemlerinde Difüzyonunun İncelenmesi, 2018 - 2024

Görüm T., Yıldız Ş., Erentürk S., Hacıyakupoğlu S., Yükseköğretim Kurumları Destekli Proje, Büyük Orman Yangını Geçirmiş Alanlarda Erozyon Hızının Serpinti Radyonüklidi ve Uzaktan Algılama Yöntemleri Kullanarak Belirlenmesi, 2019 - 2022

Hacıyakupoğlu S., Erentürk S., Şenkal B. F., Yükseköğretim Kurumları Destekli Proje, NÜKLEER ATIK ALANLARININ DİZAYNI İÇİN FARKLI HİDRATE KİL YÜZEYLERİ İLE İYONLARIN ETKILEŞİMİNİN İNCELENMESİ, 2017 - 2022

Erentürk S., Yükseköğretim Kurumları Destekli Proje, SERAMİK VE KOMPOZİT SERAMİK MATRİSLERDE RADYOAKTİF ATIKLARIN SAKLANMASI, 2016 - 2021

Erentürk S., Yükseköğretim Kurumları Destekli Proje, Çok Fonksiyonlu Radyasyon Zırhlama Materyallerinin Hazırlanması ve Zırhlama Performanslarının İncelenmesi, 2016 - 2021

Erentürk S., Yükseköğretim Kurumları Destekli Proje, Ekolojik risk açısından sanayinin yoğun olduğu alanlardaki topraklarda ağır metal kirliliğinin değerlendirilmesi, 2016 - 2018

Erentürk S., Yükseköğretim Kurumları Destekli Proje, Sulu Ortamlardan Ra-226'nın Uzaklaştırılması: Thermodinamiği ve Kinetiği, 2016 - 2018

Erentürk S., Yükseköğretim Kurumları Destekli Proje, THEODOSİUS LİMANI KAZILARINDA BULUNAN ERKEN BİZANS DÖNEMİ SERAMİK BULUNTULARININ KÖKENLERİNİN İNCELENMESİ, 2015 - 2018

Erentürk S., Yükseköğretim Kurumları Destekli Proje, Kompozit Seramik Malzemelerin Yapısal Özelliklerinin İncelenmesi, 2016 - 2017

Erentürk S., TÜBİTAK Projesi, Optimization of k0 standardization in neutron activation analysis using LVR 15 reactor in e and Triga Mark II reactor in Istanbul, 2013 - 2015

Hacıyakupoğlu S., Erentürk S., Kubesowa M., Kucera J., Diğer Uluslararası Fon Programları, Optimization of k0 standardization in neutron activation analysis using LVR 15 reactor in e and Triga Mark II reactor in Istanbul, 2013 - 2015

Erentürk S., Diğer Uluslararası Fon Programları, Nötron Aktivasyon analizinde k0 standartizasyonunun LWR-15 reaktörü (Rez) ve TRIGA MARK II reaktöründe (İstanbul) optimizasyonu, 2013 - 2015

Erentürk S., TÜBİTAK Projesi, Biyotalarda Bireyler Popülasyonlar ve Topluluklar Ölçeginde Artan Radyoaktivite ve Konvansiyonel Kimyasal Kırleticilerin Uzun Vadedeki Sonuçları, 2012 - 2015

Erentürk S., Yükseköğretim Kurumları Destekli Proje, Marmara Bölgesinde Sanayinin Yoğun Olduğu Alanlarda Ekolojik Risk Düzeyleri Açısından Ağır Metal Kirliliğinin Mekansal Dağılımının Belirlenmesi, 2011 - 2015

Erentürk S., AB Çerçeve Programları Destekli Proje, Long-Term Consequences of Enhanced Radioactivity and Conventional Chemical Pollutants for Biota at The Scale of Individuals, Populations and Communities, 2012 - 2014

Erentürk S., TÜBİTAK Projesi, Radyoaktif Atıkların Camlaştırılması ve Kimyasal Kararlı Cam Ürünlerin Hazırlanması, 2010 - 2012

Erentürk S., Diğer Uluslararası Fon Programları, Radiological and Chemical Monitoring of the Rivers Common for Turkey and Bulgaria, 2007 - 2010

Erentürk S., TÜBİTAK Projesi, Van Gölünün Radyolojik ve Hidrojeokimyasal Risk Açısından Değerlendirilmesi, 2005 - 2007

Erentürk S., TÜBİTAK Projesi, Radyoaktivitenin Van Gölü Havzası Yüzey Sularında Jeokimyasal Dağılımı ve Halk Sağlığına Olası Etkileri, 2003 - 2005

Erentürk S., TÜBİTAK Projesi, Bazı Tarımsal Topraklarda Ra-226 and Pb-210(Po-210)'un Aktivite Konsantrasyonlarının Radyokimyasal Ayırma ile Saptanması ve Çevresel Dağılımlarının İncelenmesi, 2000 - 2002

Erentürk S., TÜBİTAK Projesi, Büyük Menderes Tarım Alanlarında Cs-137 Dağılımının İncelenmesi, 1997 - 1999

### Bilimsel Araştırma / Çalışma Grubu Üyelikleri

Nükleer Teknikler Araştırma Grubu, İSTANBUL TEKNİK ÜNİVERSİTESİ, Turkey,  
<http://www.enerji.itu.edu.tr/arastirma/arastirma-gruplari/nukleer-teknikler-arastirma-grubu>, 2009 - Devam Ediyor

### Metrikler

Yayın: 225  
Atıf (WoS): 767  
Atıf (Scopus): 907  
H-İndeks (WoS): 15  
H-İndeks (Scopus): 15