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Education Information

Doctorate, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Bilimler Bölümü, Turkey 1991 - 1996

Postgraduate, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Bilimler Bölümü, Turkey 1989 - 1991

Undergraduate, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1982 - 1986

Foreign Languages

English

Research Areas

Chemistry, Analytical Chemistry, Separation Methods, Radiochemical Methods, Physical Chemistry, nanocomposites, Surface Chemistry, Natural Sciences

Academic Titles / Tasks

Professor, Istanbul Technical University, Enerji Enstitüsü, Nükleer Araştırmalar, 2013 - Continues

Professor, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Bilimler Bölümü, 2007 - 2013

Associate Professor, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Bilimler Bölümü, 2001 - 2007

Assistant Professor, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Bilimler Bölümü, 1999 - 2001

Research Assistant, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Bilimler Bölümü, 1992 - 1999

Research Assistant, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Bilimler Bölümü, 1989 - 1991

Courses

Activation Spectroscopy, Postgraduate, 2017 - 2018

Advising Theses

Erentürk S., SEZYUM (Cs) VE STRONSYUM (Sr) İÇEREN ATIKLARIN İMMOBİLİZASYONU İÇİN SERAMİK MATRİSLERİN GELİŞTİRİLMESİ, Postgraduate, N.Yanıkömer(Student), 2017

Erentürk S., SERAMİK MATRİSLİ RADYASYON ZIRH MALZEMELERİNİN HAZIRLANMASI VE ZIRHLAMA PERFORMANSLARININ ARAŞTIRILMASI, Postgraduate, S.Asal(Student), 2017

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Temporal changes of atmospheric deposition of major and trace elements in European Turkey, Thrace region**
Kilic O., Belivermis M., Sikdokur E., Sezer N., Erentürk S., Hacıyakupoğlu S., Chaligava O., Frontasyeva M., Zinicovscaia I., Madadzada A.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.329, pp.371-381, 2021 (Journal Indexed in SCI)
- II. **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, 2021 (Journal Indexed in SCI)
- III. **Bentonite based ceramic materials from a perspective of gamma-ray shielding: Preparation, characterization and performance evaluation**
Asal S., Erenturk S., Hacıyakupoğlu S.
Nuclear Engineering and Technology, vol.53, pp.1634-1641, 2021 (Journal Indexed in SCI)
- IV. **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, vol.220, 2020 (Journal Indexed in SCI)
- V. **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, vol.213, 2020 (Journal Indexed in SCI)
- VI. **Assessment of Po-210 and Pb-210 by moss biomonitoring technique in Thrace region of Turkey**
Kilic O., Belivermis M., Sikdokur E., Sezer N., Akyil Erenturk S., Hacıyakupoğlu S., Madadzada A., Frontasyeva M.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.322, no.2, pp.699-706, 2019 (Journal Indexed in SCI)
- VII. **Chemical patterns in sediments of ancient Theodosius Harbour (Istanbul)**
Erentürk S., Hacıyakupoğlu S., İleri R. K. , YANIKÖMER N.
JOURNAL OF SOILS AND SEDIMENTS, vol.19, pp.1-9, 2018 (Journal Indexed in SCI)
- VIII. **Atmospheric Deposition of Radionuclides and Major and Trace Elements by Moss Biomonitoring Technique**
Erentürk S., Hacıyakupoğlu S.
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.27, no.2, pp.1-5, 2018 (Journal Indexed in SCI Expanded)
- IX. **Comparison of relative INAA and k0-INAA using proficiency test materials at ITU TRIGA Mark II research reactor**
ESEN A. N. , Hacıyakupoğlu S., Erentürk S.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.315, pp.677-683, 2018 (Journal Indexed in SCI Expanded)
- X. **Evaluation of sodium borate glasses for radioactive waste immobilization applications**
Erentürk S., BENGİSU M., Erdogan C.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.314, no.3, pp.2069-2086, 2017 (Journal Indexed in SCI)
- XI. **Removal of Po-210 from aqueous media and its thermodynamics and kinetics**
Erenturk S., Kaygun A. K.
JOURNAL OF ENVIRONMENTAL RADIOACTIVITY, vol.174, pp.3-9, 2017 (Journal Indexed in SCI)
- XII. **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, vol.311, no.2, pp.1459-1464, 2017 (Journal Indexed in SCI)

- XIII. **Removal of Ra-226 from aqueous media and its thermodynamics and kinetics**
Erentürk S., Kaygun A. K.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.311, no.2, pp.1227-1233, 2017 (Journal Indexed in SCI)
- XIV. **Feasibility study of k (0)-INAA at the ITU TRIGA Mark II research reactor, Turkey**
Esen A. N. , Hacıyakupoğlu S., Erentürk S., Kubsova M., Kucera J.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.309, no.1, pp.179-184, 2016 (Journal Indexed in SCI)
- XV. **New Solidification Materials in Nuclear Waste Management**
YANIKÖMER N., Asal S., HACIYAKUPOĞLU S., Erentürk S.
International Journal of Engineering Technologies, vol.2, no.2, pp.76-82, 2016 (Journal Indexed in SCI Expanded)
- XVI. **Elemental characterization of lignite from Afsin-Elbistan in Turkey by k(0)-NAA**
Kubsova M., Orucoglu E., Hacıyakupoglu S., Erentürk S., Krausova I., Kucera J.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.308, no.3, pp.1055-1062, 2016 (Journal Indexed in SCI)
- XVII. **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, vol.104, no.9, pp.635-647, 2016 (Journal Indexed in SCI)
- XVIII. **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, vol.42, no.2, pp.2158-2163, 2016 (Journal Indexed in SCI)
- XIX. **Kinetic modeling of selenium (IV) adsorption for remediation of contaminated aquatic systems based on meso-scale experiments**
Hacıyakupoğlu S., ORUCOĞLU E., Esen A. N. , YUŞAN S., Erentürk S.
DESALINATION AND WATER TREATMENT, vol.56, no.5, pp.1208-1216, 2015 (Journal Indexed in SCI)
- XX. **Modeling of mass transfer of uranium on different nanoadsorbents for the remediation of contaminated aquatic system**
YUŞAN S., Erentürk S.
Desalination and Water Treatment, vol.56, no.5, pp.1171-1176, 2015 (Journal Indexed in SCI Expanded)
- XXI. **Assessment of Environmental Risk from Coal Using Neutron Activation Analysis**
Ileri R. K. , Hacıyakupoglu S., Esen A. N. , Oruciglu E., Erenturk S.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.1010-1012, 2015 (Journal Indexed in SCI)
- XXII. **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, vol.127, no.4, pp.1010-1012, 2015 (Journal Indexed in SCI Expanded)
- XXIII. **Determining distribution of heavy metal pollution in terms of ecological risk levels in soil of industrially intensive areas around Istanbul**
Hacıyakupoğlu S., Esen A. N. , Erentürk S., OKKA M., GENÇELİ M., MERCİMEK M., GENÇELİ E., YUŞAN S., Filiz F. G. , Olgen K., et al.
TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY, vol.97, no.1, pp.62-75, 2015 (Journal Indexed in SCI)
- XXIV. **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 (Journal Indexed in SCI Expanded)
- XXV. **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 (Journal Indexed in SCI Expanded)

- XXVI. **Experimental parameters optimization of instrumental neutron activation analysis in order to determine selected elements in some industrial soils in Turkey**
Hacıyakupoğlu S., Esen A. N. , ERENTURK S.
RADIATION PHYSICS AND CHEMISTRY, vol.101, pp.24-29, 2014 (Journal Indexed in SCI)
- XXVII. **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, vol.300, pp.919-931, 2014 (Journal Indexed in SCI Expanded)
- XXVIII. **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, vol.300, pp.933-945, 2014 (Journal Indexed in SCI Expanded)
- XXIX. **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, vol.445, pp.154-164, 2014 (Journal Indexed in SCI)
- XXX. **Magnesium oxide nanoparticles: Preparation, characterization, and uranium sorption properties**
Camtakan Z., Erenturk S., Yusan S. (.
ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, vol.31, no.4, pp.536-543, 2012 (Journal Indexed in SCI)
- XXXI. **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, pp.106-116, 2012 (Journal Indexed in SCI)
- XXXII. **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, vol.47, no.13, pp.2163-2172, 2012 (Journal Indexed in SCI Expanded)
- XXXIII. **Sorption behaviors of uranium (VI) ions on alpha-FeOOH**
Yusan S. (, Erenturk S.
DESALINATION, vol.269, pp.58-66, 2011 (Journal Indexed in SCI)
- XXXIV. **Adsorption equilibrium and kinetics of U(VI) on beta type of akaganeite**
YUŞAN S., Erenturk S.
DESALINATION, vol.263, pp.233-239, 2010 (Journal Indexed in SCI)
- XXXV. **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, vol.283, no.1, pp.231-238, 2010 (Journal Indexed in SCI Expanded)
- XXXVI. **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, vol.283, no.1, pp.231-238, 2010 (Journal Indexed in SCI)
- XXXVII. **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, vol.44, no.4, pp.390-395, 2009 (Journal Indexed in SCI)
- XXXVIII. **Sorption of uranium(VI) from aqueous solutions by akaganeite**
Yusan S., Akyil S.
JOURNAL OF HAZARDOUS MATERIALS, vol.160, pp.388-395, 2008 (Journal Indexed in SCI)
- XXXIX. **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, vol.157, pp.328-334, 2008 (Journal Indexed in SCI Expanded)
- XL. **Study of the Behaviour of Thorium Adsorption on PAN/Zeolite Composite Adsorbent**
Kaygun A. K. , Erentürk S.
JOURNAL OF HAZARDOUS MATERIALS, vol.147, pp.357-362, 2007 (Journal Indexed in SCI)
- XLI. **The Distribution of Uranium and Thorium in Samples Taken from Different Polluted Marine Environment**
Erentürk S., Mohd Yusof A.
Journal of Hazard Materials, vol.144, pp.564-569, 2007 (Journal Indexed in SCI Expanded)
- XLII. **Uranium adsorption characteristic and thermodynamic behavior of clinoptilolite zeolite**
Kilincarslan A., Akyil S.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.264, no.3, pp.541-548, 2005 (Journal Indexed in SCI)
- XLIII. **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, vol.39, no.2, pp.129-135, 2005 (Journal Indexed in SCI)
- XLIV. **Preparation of Composite Adsorbents and their Characteristics**
Erentürk S., ERAL M.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.266, no.1, pp.89-93, 2005 (Journal Indexed in SCI Expanded)
- XLV. **Uranium Adsorption Characteristic and Thermodynamic Behaviour of Clinoptilolite Zeolite**
Kılınçarslan A., Erentürk S.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.264, no.3, pp.541-548, 2005 (Journal Indexed in SCI Expanded)
- XLVI. **Activity Concentration of ^{210}Pb ^{210}Po in Soils Taken from Cultivated Lands**
ASLANI M. A. A. , Erentürk S., AYTAŞ Ş., Gürboğa G., ERAL M.
RADIATION MEASUREMENTS, vol.39, pp.129-135, 2005 (Journal Indexed in SCI Expanded)
- XLVII. **Adsorption and thermodynamic behavior of uranium on natural zeolite**
Aytas S., Akyil S., Eral M.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.260, no.1, pp.119-125, 2004 (Journal Indexed in SCI)
- XLVIII. **Adsorption and Thermodynamic Behaviour of Uranium on Natural Zeolite**
AYTAŞ Ş., Erentürk S., ERAL M.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.260, no.1, pp.119-125, 2004 (Journal Indexed in SCI Expanded)
- XLIX. **Sorption characteristics of uranium onto composite ion exchangers**
Erentürk S., ASLANI M. A. A. , ERAL M.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.0, 2003 (Journal Indexed in SCI Expanded)
- L. **Activity concentration of caesium-137 in agricultural soils**
Aslani M., AYTAŞ S., AKYIL S., YAPRAK G., YENER G., ERAL M.
JOURNAL OF ENVIRONMENTAL RADIOACTIVITY, vol.65, no.2, pp.131-145, 2003 (Journal Indexed in SCI)
- LI. **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, vol.0, 2002 (Journal Indexed in SCI Expanded)
- LII. **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, vol.249, no.2, pp.333-341, 2001 (Journal Indexed in SCI Expanded)
- LIII. **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, vol.250, no.1, pp.153-157, 2001 (Journal Indexed in

SCI Expanded)

- LIV. **Removal of uranium from aqueous solutions by diatomite (Kieselguhr)**
AYTAŞ Ş., Erentürk S., ASLANI M. A. A. , AYTEKİN U.
Journal of Radioanalytical and Nuclear Chemistry, vol.240, no.3, pp.973-976, 1999 (Journal Indexed in SCI Expanded)
- LV. **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, vol.271, pp.769-773, 1998 (Journal Indexed in SCI)
- LVI. **Separation of Thorium from Aqueous Solution Using Silk Fibroin**
ASLANI M. A. A. , ERAL M., Erentürk S.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.238, pp.123-127, 1998 (Journal Indexed in SCI Expanded)
- LVII. **Immobilization of Thorium over Fibroin by Polyacrylonitrile PAN**
ASLANI M. A. A. , Erentürk S., ERAL M.
WASTE MANAGEMENT, vol.17, no.1, pp.87-89, 1997 (Journal Indexed in SCI Expanded)
- LVIII. **Gross alpha-particle activities in the ground waters in Western Anatolia**
Akyil S., Erees F., Olmez S.
APPLIED RADIATION AND ISOTOPES, vol.47, no.7, pp.709-711, 1996 (Journal Indexed in SCI)
- LIX. **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, vol.213, no.6, pp.441-450, 1996 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Investigation the Interaction of Cesium and Strontium Ions with Different Barrier Materials**
HACIYAKUPOĞLU S., ERENTÜRK S., ŞENKAL B. F.
Journal of Radiation Researches, vol.5, no.2, pp.146-148, 2018 (Refereed Journals of Other Institutions)
- II. **Investigation the Interaction of Cesium Ions with Different Barrier Materials**
Hacıyakupoğlu S., Erentürk S., Şenkal B. F.
IRP Journal of Radiation Researches, vol.5, no.2, pp.146-148, 2018 (Refereed Journals of Other Institutions)
- III. **Thermodynamic Behaviours of Selenium Ions onto Barrier Material for Nuclear Waste Management**
ERENTÜRK S., HACIYAKUPOĞLU S.
Journal of Radiation Researches, vol.6, no.2, pp.91-92, 2018 (Refereed Journals of Other Institutions)
- 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 (Refereed Journals of Other Institutions)
- V. **Adsorption Characterization of Strontium on PAN/Zeolite Composite Adsorbent**
Yuşan S., Erentürk S.
World Journal of Nuclear Science and Technology, vol.1, pp.6-12, 2011 (Refereed Journals of Other Institutions)
- VI. **Physicochemical Profile of Tundja and Maritza River Waters**
Aytaş Ş., Lavrova S., Damianova A., Erentürk S., Aslani M. A. A. , Karalı T., Sivriev I., Türközü A., Yuşan S., Gök C., et al.
Journal of Balkan Ecology, vol.12, no.4, pp.407-415, 2009 (Refereed Journals of Other Institutions)
- VII. **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 (Refereed Journals of Other Institutions)
- VIII. **Environmental Radioactivity in Soil Samples from Agricultural Lands**
ERAL M., AYTAŞ Ş., ERENTÜRK S., ASLANI M. A. A.

Books & Book Chapters

- I. **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
- II. **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.
in: Energy Systems and Management, A.N. Bilge, A. Özgür Toy and M.E. Günay, Editor, Springer, London/Berlin, İstanbul, pp.97-109, 2015
- III. **Assessment of Adsorption Parameters Effectiveness for Radio-Selenium and Radio-Iodine Adsorption on Activated Carbon**
Erentürk S.
in: Energy Systems and Management, Bilge A.N., Özgür Toy A., Günay M.E., Editor, Springer-Verlag, Berlin, pp.97-109, 2015
- 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 KNO₃ 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, Stuttgart, pp.127-136, 2014
- VI. **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
- VII. **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
- VIII. **Selenium Adsorption on Activated Carbon by Using Radiotracer Technique**
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