

## Assoc. Prof. ŞENOL SERT

### Personal Information

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### Education Information

Doctorate, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Teknoloji, Turkey 2005 - 2009

Post Graduate, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Teknoloji, Turkey 2002 - 2005

Under Graduate, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1989 - 1995

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Düzenli Mezopor Yapısına Sahip SiO<sub>2</sub> Temelli Adsorban Sentezi ve Uranyum Sorpsiyonunda Kullanılabilirliğinin İncelenmesi, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Teknoloji, 2009

Post Graduate, Eskişehir-Beylikahır Cevher Konsantresinde Th ve Ce'un Diğer Nadir Toprak Elementlerinden Anyon Değiştirici Reçine ile Ayrılması, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Teknoloji Ana Bilim Dalı, 2005

### Research Areas

Chemistry, Analytical Chemistry, Separation Methods, Emission Spectroscopy, Sample preparation, Physical Chemistry, Surface Chemistry, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Teknoloji, 2004 - Continues

Expert, Ege Üniversitesi, Nükleer Bilimler Enstitüsü, Nükleer Teknoloji Anabilim Dalı, 2004 - Continues

### Courses

Nükleer Malzemeler, Post Graduate, 2019 - 2020

Gözenekli Malzemelerin Nükleer Teknolojide Kullanımı, Post Graduate, 2019 - 2020

Nükleer Mühendislik Kimyası II, Doctorate, 2017 - 2018

Lantanit ve Aktinit Kimyası, Post Graduate, 2016 - 2017, 2017 - 2018

### Advising Theses

SERT Ş., DESTEKLİ İYONİK SIVILI MEMBRAN SİSTEMİ KULLANARAK LANTANIN TAŞINIMINDA ETKİLİ FAKTÖRLERİN OPTİMİZASYONU, Doctorate, G.ÖZEVCI(Student), 2017

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

- **Preparation and Characterization of a Graphene-Based Magnetic Nanocomposite for the Adsorption of Lanthanum Ions from Aqueous Solution**  
Oral A. E. , AYTAŞ Ş., YUŞAN S., SERT Ş., Gök C., ELMASTAŞ GÜLTEKİN Ö.  
ANALYTICAL LETTERS, 2020 (Journal Indexed in SCI)
- **Extraction and separation studies of rare earth elements using Cyanex 272 impregnated Amberlite XAD-7 resin**  
İNAN S., TEL H., SERT Ş., ÇETİNKAYA B., SENGUL S., OZKAN B., ALTAŞ Y.  
HYDROMETALLURGY, vol.181, pp.156-163, 2018 (Journal Indexed in SCI)
- **Optimization of lanthanum transport through supported liquid membranes based on ionic liquid**  
Özevci G., SERT Ş., Eral M.  
CHEMICAL ENGINEERING RESEARCH & DESIGN, vol.140, pp.1-11, 2018 (Journal Indexed in SCI Expanded)
- **The use of sea shell (*Donax trunculus*) powder to remove Sr(II) ions from aqueous solutions**  
Bulut A., YUŞAN S., AYTAŞ Ş., SERT Ş.  
WATER SCIENCE AND TECHNOLOGY, vol.78, pp.827-836, 2018 (Journal Indexed in SCI Expanded)
- **Efficient adsorption of Th(IV) from aqueous solution by modified SBA-15 mesoporous silica**  
Gök M., SERT Ş., ÖZEVÇİ G., Eral M.  
NUCLEAR SCIENCE AND TECHNIQUES, vol.29, 2018 (Journal Indexed in SCI)
- **An experimental design approach for the separation of thorium from rare earth elements**  
ALTAŞ Y., TEL H., İNAN S., SERT Ş., ÇETİNKAYA B., SENGUL S., OZKAN B.  
HYDROMETALLURGY, vol.178, pp.97-105, 2018 (Journal Indexed in SCI)
- **Comparison Method for Uranium Determination in Ore Sample by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES)**  
Sert S.  
APPLIED SPECTROSCOPY, vol.67, pp.731-737, 2013 (Journal Indexed in SCI)
- **Determination of radioactivity and heavy metals of Bakircay river in Western Turkey**  
SAÇ M. M. , ORTABUK F., KUMRU M. N. , İÇHEDEF M., SERT Ş.  
APPLIED RADIATION AND ISOTOPES, vol.70, pp.2494-2499, 2012 (Journal Indexed in SCI)
- **Biosorption of Ce(III) onto modified *Pinus brutia* leaf powder using central composite design**  
Kutahyalı C., SERT Ş., ÇETİNKAYA B., YALCINTAS E., ACAR M. Y.  
WOOD SCIENCE AND TECHNOLOGY, vol.46, pp.721-736, 2012 (Journal Indexed in SCI)
- **Uranium adsorption studies on aminopropyl modified mesoporous sorbent (NH<sub>2</sub>-MCM-41) using statistical design method**  
SERT Ş., Eral M.  
JOURNAL OF NUCLEAR MATERIALS, vol.406, pp.285-292, 2010 (Journal Indexed in SCI)
- **Preparation of ZrO<sub>2</sub> and ZrO<sub>2</sub>-TiO<sub>2</sub> microspheres by the sol-gel method and an experimental design approach to their strontium adsorption behaviours**  
Tel H., Altas Y., Eral M., SERT Ş., ÇETİNKAYA B., İnan S.  
CHEMICAL ENGINEERING JOURNAL, vol.161, pp.151-160, 2010 (Journal Indexed in SCI)
- **Factors Affecting Lanthanum and Cerium Biosorption on *Pinus brutia* Leaf Powder**  
Kutahyalı C., SERT Ş., ÇETİNKAYA B., İnan S., Eral M.  
SEPARATION SCIENCE AND TECHNOLOGY, vol.45, pp.1456-1462, 2010 (Journal Indexed in SCI)
- **Biosorption of lanthanum and cerium from aqueous solutions by *Platanus orientalis* leaf powder**  
SERT Ş., Kutahyalı C., İnan S., TALIP Z., ÇETİNKAYA B., Eral M.  
HYDROMETALLURGY, vol.90, pp.13-18, 2008 (Journal Indexed in SCI)

## Articles Published in Other Journals

- **Eskişehir Beylikahır Kompleks Cevher Çözündürülmesinde Cyphos IL 101 İyonik Sıvı Kullanımının İncelenmesi**  
SERT Ş.  
Dokuz Eylül Üniversitesi Fen ve Mühendislik Dergisi, vol.21, pp.201-211, 2019 (National Refreed University Journal)
- **Artificial neural network (ANN) approach for modeling of Sr(II) adsorption from aqueous solution by**

## **natural calcium based materials**

bulut a., YUŞAN S., AYTAŞ Ş., SERT Ş., Akpolat O.

Research Journal of Environmental Sciences, vol.12, pp.121-131, 2018 (Refereed Journals of Other Institutions)

## **Book & Book Chapters**

- **in: Environmental Radiochemical Analysis IV**

Yağintaş E., SERT Ş., KÜTAHYALI ASLANI C., ÇETİNKAYA B., Acar M. B.

Biosorption of Uranium using Modified Leaf Powder of Platanus Orientalis, Peter Warwick, Editor, Royal Society Of Royal Society Of Chemistry, Londra, pp.61-79, 2011

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

- **Removal of Ra-226 and Cerium Contaminants from the Water using Pet (Poly (Ethylene Terephthalate) Waste as a Sorbent**

SERT Ş., İÇHEDEF M., ÖZDEN B.

8th International Symposium on IN Situ Nuclear Metrology as a tool for radioecology – INSINUME 2019, Aydın, Turkey, 23 Nisan 2019, pp.1

- **Adsorption of Neodymium(III) from Aqueous Solutions using Supported Ionic Liquid Phases**

SERT Ş., Stassen I., De Vos D. E. , Binnemans K.

5th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2018), Nevşehir, Turkey, 04 Ekim 2018, pp.217-223

- **Strontium Separation by Supported Liquid Membrane Technology**

YUŞAN S., Özevci G., SERT Ş.

5th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2018), Nevşehir, Turkey, 04 Ekim 2018, pp.284

- **Comparison of Separation Efficiency of Cyanex-272 and D2EHPA Impregnated Resins for Rare Earth Elements**

ÇETİNKAYA B., ALTAŞ Y., TEL H., SERT Ş., İNAN S., Sengül S., Özkan B.

5th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2018), Nevşehir, Turkey, 04 Ekim 2018, pp.125

- **Preparation of Alginate Capsules Enclosing Diatomite and Organic Extractants for Uptake of Lanthanum**

Çolakoğlu T., AYTAŞ Ş., YUŞAN S., SERT Ş., dursun G.

5th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2018), Nevşehir, Turkey, 04 Ekim 2018, pp.106

- **Rare Earth Sorption from Nitric Acid Solutions Using D2EHPA Impregnated XAD16 Resin (SIR)**

SERT Ş., ALTAŞ Y., TEL H., İNAN S., ÇETİNKAYA B., SENGÜL S., ÖZKAN B.

5th International Conference on Materials Science and Advanced-Nanotechnologies for Next Generation (MSNG2018), Nevşehir, Turkey, 04 Ekim 2018, pp.177

- **Development, characterization, and Ce(III) biosorption performance of magnetite/olive pomace nanocomposite**

Akbaş Y. A. , YUŞAN S., SERT Ş., AYTAŞ Ş.

5th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2018), Nevşehir, Turkey, 04 Ekim 2018, pp.88

- **Rare Earth Sorption from Nitric Acid Solutions using D2EHPA Impregnated XAD16 Resin (SIR), 5th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2018)**

SERT Ş., ALTAŞ Y., TEL H., İNAN S., ÇETİNKAYA B., Sengül S., Özkan B.

5th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2018), Nevşehir, Turkey, 04 Ekim 2018, pp.177

- **Sorption Studies of Rare Earths from Nitrate Medium Using Cyanex 272 Impregnated XAD-7 Resin**

İNAN S., TEL H., SERT Ş., ÇETİNKAYA B., Sengül S., Özkan B., ALTAŞ Y.

5th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2018),

Nevşehir, Turkey, 04 Ekim 2018, pp.171

- **Sorption Studies of La(III), Pr(III), Nd(III), Sm(III), Eu(III) and Gd(III) Using Cyanex 272 Impregnated Amberlite XAD 16 Resin**  
İNAN S., ALTAŞ Y., TEL H., SERT Ş., ÇETİNKAYA B., Sengül S., Özkan B.  
5th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2018), Nevşehir, Turkey, 04 Ekim 2018, pp.174
- **“Preparation of New Type Biopolymeric Composites Based on Olive Pomace and Magnetic Olive Pomace to Remove Pb(II) Ions from Aqueous Solutions”**,  
YUŞAN S., Haşim C., Güntay F. A. , AYTAŞ Ş., SERT Ş.  
5th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2018), Nevşehir, Turkey, 04 Ekim 2018, pp.268
- **Investigation of Column Performance of Cyanex 272 and D2EHPA Impregnated Resins for the Individual Separation of Rare Earth Elements**  
ÇETİNKAYA B., ALTAŞ Y., TEL H., SERT Ş., İNAN S., Sengül S., Özkan B.  
IV. International Ege Composite Materials Symposium 2018, İzmir, Turkey, 06 Eylül 2018, pp.34
- **Recovery of La(III) Ions from Aqueous Solutions by Magnetic Nano Graphene Oxide Composite (MNGO)**  
Oral A. E. , AYTAŞ Ş., YUŞAN S., SERT Ş.  
IV. International Composite Material Symposium (KOMPEGE2018), İzmir, Turkey, 06 Eylül 2018, pp.164
- **Uptake of Lanthanum bu Composite Alginate Microcapsules Enclosing Inorganic Material and Organic Extractants**  
Çolakoğlu T., AYTAŞ Ş., YUŞAN S., SERT Ş., Dursun G.  
IV. International Composite Material Symposium (KOMPEGE2018), İzmir, Turkey, 06 Eylül 2018, pp.181
- **Production and Characterization of Modified Olive Pomace-Magnetite Nanocomposite Material**  
Akbaş Y. A. , YUŞAN S., SERT Ş., AYTAŞ Ş.  
IV. International Composite Material Symposium (KOMPEGE2018), İzmir, Turkey, 06 Eylül 2018, pp.582-590
- **Research of adsorption of La (III) ions from aqueous solutions by magnetic nano graphen oxide (MNGO)**  
ORAL A. E. , AYTAŞ Ş., YUŞAN S., SERT Ş.  
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology, 10 - 12 Mayıs 2017
- **Transport Of Lanthanum (III) Through Supported Liquid Membranes Using Cmpo Carrier And Ionic Liquid Diluter**  
ÖZEVÇİ G., SERT Ş., Eral M.  
3rd International Conference On Theoretical And Experimental Studies In Nuclear Applicaitons And Technology, 10 - 12 Mayıs 2017
- **The Evaluation of TBP Impregnated XAD-16 Resin Efficiency for The Separation of Thorium and Cerium**  
ALTAŞ Y., TEL H., SERT Ş., İNAN S., ÇETİNKAYA B., NOSTAR E.  
7-th International Symposium on In Situ Nuclear Metrology as a tool for radioecology – INSINUME 2017, 24 - 28 Nisan 2017
- **Study on the sorption of cesium from aqueous solution by magnetic nano graphene oxide**  
AYTAŞ Ş., YUŞAN S., SERT Ş., GÖK C., YAPRAK G., TÜRKÖZÜ D. A.  
INSINUME 2017, 24 - 28 Nisan 2017
- **Optimization Of Transport Factors For Lanthanum (III) By Supported Liquid Membranes**  
ÖZEVÇİ G., SERT Ş., Eral M.  
INSINUME 2017, 24 Aralık - 28 Nisan 2017
- **Lanthanum adsorption using magnetic graphen oxide (MGO)**  
ORAL A. E. , AYTAŞ Ş., YUŞAN S., SERT Ş.  
INSINUME 2017, 24 - 28 Nisan 2017
- **Preparation and characterization of magnetic graphene oxide nano composite (GO-Fe<sub>3</sub>O<sub>4</sub>) for removal of Strontium from aqueous solution**  
AYTAŞ Ş., YUŞAN S., SERT Ş., GÖK C., YAPRAK G.  
INSINUME 2017, 24 - 28 Nisan 2017
- **Investigation of Adsorption Properties of Ce(III) Ions from Aqueous Solutions by raw and modified Olive Pomace**

AKBAŞ Y. A. , YUŞAN S., SERT Ş., AYTAŞ Ş.

INSINUME 2017, 24 - 28 Nisan 2017

- **Solvent extraction separation of thorium from lanthanum and cerium using phosphonium based ionic liquid**  
SERT Ş., Özkan B.  
International Conference on Sustainable Development, Skopje, Macedonia, 19 Ekim 2016, pp.33
- **Ce(III) İyonlarının Sulu Çözeltilerden Gideriminde Zeytin Prinasinin Sorpsiyon Özelliklerinin İncelenmesi**  
AKBAŞ Y. A. , YUŞAN S., SERT Ş., AYTAŞ Ş.  
XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Aydın, Turkey, 12 Ekim 2016, pp.67
- **Manyetik Nano Grafen Oksit (MNGO) ile Sulu Çözeltilerden La (III) İyonlarının Adsorpsiyonunun İncelenmesi**  
ORAL A. E. , AYTAŞ Ş., YUŞAN S., SERT Ş.  
XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Aydın, Turkey, 12 Ekim 2016, pp.171
- **Manyetik Grafen Oksit Nanokompozitinin (GO-Fe<sub>3</sub>O<sub>4</sub>) Hazırlanması ve Sulu Çözeltilerden Sr ve Cs İyonlarının Giderim Performanslarının İncelenmesi**  
AYTAŞ Ş., YUŞAN S., SERT Ş., GOK C., YAPRAK G., TÜRKÖZÜ D. A.  
XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Aydın, Turkey, 12 Ekim 2016, pp.68
- **Toryum ve Seryum Ayrılmasında TBP İmpregne XAD 16 Reçinenin Etkinliğinin İncelenmesi**  
ALTAŞ Y., TEL H., SERT Ş., İNAN S., ÇETİNKAYA B.  
XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Kuşadası-AYDIN, Turkey, 12 - 14 Ekim 2016, pp.24
- **Destekli Sıvı Membran Sistemi Kullanılarak Lantan (III)'ün Ayrılması**  
Özevci G., SERT Ş., Eral M.  
XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Aydın, Turkey, 12 Ekim 2016, pp.21
- **Uptake of Rare Earth Elements by Using Ionic Liquids as Supported Liquid Membrane System**  
SERT Ş., Özevci G., Eral M.  
3rd International Conference on Advanced Technology & Sciences (ICAT'16), Konya, Turkey, 01 Eylül 2016, pp.155
- **Investigation of Adsorptive Removal of Sr II Ions from Aqueous Solutions by Calcium and Hydroxyapatite HAP Based Sea Shell Sorbents**  
BULUT A., YUŞAN S., AYTAŞ Ş., SERT Ş.  
Third International Conference on Radiation and Applications in Various Fields of Research, 8 - 12 Temmuz 2015
- **Kalsiyum Bazlı Hidroksi Apatit Ca<sub>5</sub> PO<sub>4</sub> 3 OH Sorbentler ile Sulu Çözeltilerden Sr II İyonlarının Gideriminin İncelenmesi**  
BULUT A., YUŞAN S., AYTAŞ Ş., SERT Ş.  
IV. Fiziksel Kimya Kongresi, Denizli, Turkey, 5 - 08 Haziran 2014
- **Titanyum MCM 41 Makro Kürelerinin Sentezlenmesi ve Karakterizasyonu**  
ÇAKIR P., SERT Ş.  
1. Ulusal Ege Kompozit Malzemeler Sempozyumu, Turkey, 17 - 19 Kasım 2011
- **MCM 41 PAN Kompozit Kürelerin Hazırlanması ve Karakterizasyon**  
İNAN S., SERT Ş.  
1. Ulusal Ege Kompozit Malzemeler Sempozyumu, Turkey, 17 - 19 Kasım 2011
- **Biosorption of uranium using modified leaf powder of Platanus Orientalis**  
YALCINTAS E., SERT Ş., KÜTAHYALI ASLANI C., ÇETİNKAYA B., ACAR M. B.  
11th International Symposium on Environmental Radiochemical Analysis, Chester, United Kingdom, 15 Eylül 2010, pp.66
- **Modifiye Edilmiş Çam Yaprakları Kullanılarak Lantan Biyosorpsiyonunun Deneysel Tasarım Yöntemi ile İncelenmesi**  
ACAR M. B. , KÜTAHYALI ASLANI C., SERT Ş., ÇETİNKAYA B., YALCINTAS E.  
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 Haziran 2010, pp.155
- **Synthesize of Activated Carbon Supported Zirconium Based Mixed Metal Oxides to Use in Nuclear Waste Management**  
ACAR M. B. , BALCAN M., KÜTAHYALI ASLANI C., ÇETİNKAYA B., SERT Ş., İNAN S.  
The 4th International Student Conference On Advanced Science And Technology, İzmir, Turkey, 25 Mayıs 2010, pp.91-92

- **Biosorption of Cerium by using Modified Leaf Powder of Pinus Brutia**  
YALCINTAS E., KÜTAHYALI ASLANI C., SERT Ş., ÇETİNKAYA B., ACAR M. B. , Eral M.  
The 4th International Student Conference On Advanced Science And Technology, İzmir, Turkey, 25 Mayıs 2010, pp.55
- **Sol-Jel Yöntemi ile Sentezlenmiş Zirkonyum Bazlı Karışık Oksit Küreciklerinin Nükleer Atık Yönetiminde Kullanılabilirliği**  
TEL H., ALTAŞ Y., Eral M., SERT Ş., ÇETİNKAYA B., İNAN S.  
X. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Muğla, Turkey, 06 Ekim 2009, pp.155
- **Zr Ti Si Karışık Oksit Mikroküreciklerin Sr 2 Alımında Kullanılabilirliğinin İncelenmesi**  
SERT Ş., TEL H., ALTAŞ Y., Eral M., ÇETİNKAYA B., İNAN S., Kasap S.  
X. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Turkey, 6 - 09 Ekim 2009
- **Aktif Karbon-(Zr-Ti-Si) Oksit Kompozit Sorbent Küreciklerinin Sol-Jel Yöntemi ile Sentezlenmesi**  
ACAR M. B. , KÜTAHYALI ASLANI C., ÇETİNKAYA B., SERT Ş., İNAN S.  
X. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Muğla, Turkey, 06 Ekim 2009, pp.531
- **NH<sub>2</sub> ile Modifiye Edilmiş Bir Nanoporoz Sorbent Üzerine (MCM41 NH<sub>2</sub>) Uranyum Adsorpsiyonunun Deneysel Tasarım Metodu ile İncelenmesi**  
SERT Ş., Eral M.  
X. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Turkey, 6 - 09 Ekim 2009
- **ZrO<sub>2</sub> TiO<sub>2</sub> Küreciklerinin Sol Jel Metodu ile Sentezlenmesi ve Sr Adsorpsiyon koşullarının Deneysel Tasarım Yöntemi ile İncelenmesi**  
ÇETİNKAYA B., TEL H., ALTAŞ Y., Eral M., SERT Ş., İNAN S., TALIP Z.  
X. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Turkey, 6 - 09 Ekim 2009
- **Sol Jel Yöntemiyle sentezlenmiş ZrO<sub>2</sub>-SiO<sub>2</sub> kompozit mikroküreciklerinin Sr+2 adsorpsiyonunda kullanılabilirliğinin incelenmesi**  
İNAN S., TEL H., ALTAŞ Y., Eral M., SERT Ş., ÇETİNKAYA B., Kaplan U.  
X. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Muğla, Turkey, 06 Ekim 2009, pp.513-522
- **Removal of Uranium from Aqueous Solution Using Nanoporous Sorbent Aminopropyl Modified Mesoporous Silica MCM41**  
SERT Ş., Eral M.  
International Conference on Nanomaterials and Nanosystems, İstanbul, Turkey, 10 Ağustos 2009, pp.220
- **Nükleer Atık Çözeltilerinden Cs ve Sr un Uzaklaştırılmasına Yönelik Ti Zr ve Si Karışık Hidrate Oksit Küreciklerin Sol jel Yöntemiyle Hazırlanması**  
TEL H., ALTAŞ Y., Eral M., SERT Ş., ÇETİNKAYA B., İNAN S., TALIP Z., Kasap S.  
XXII. Ulusal Kimya Kongresi, Turkey, 6 - 10 Ekim 2008
- **Nükleer atık çözeltilerinden Cs ve Sr un uzaklaştırılmasına yönelik titanyum zirkonyum ve silisyum karışık hidrate oksit küreciklerinin sol jel yöntemiyle hazırlanması**  
TEL H., ALTAŞ Y., Eral M., SERT Ş., ÇETİNKAYA B., İNAN S., TALIP Z., Kasap S.  
XXII. Ulusal Kimya Kongresi, Gazi Magosa, Cyprus (Kkct), 06 Ekim 2008, pp.223
- **Modifiye Edilmiş Platanus Orientalis (Doğu Çınarı) Yaprak Tozu Üzerine Sulu Çözeltilerden Seryumun Biyosorpsiyonu**  
TALIP Z., İNAN S., SERT Ş., KÜTAHYALI ASLANI C., Eral M.  
XXII. Ulusal Kimya Kongresi, Magusa, Cyprus (Kkct), 06 Ekim 2008, pp.155
- **Lanthanum and Cerium Adsorption on Alcohol Ethoxylate/Laponite-Al Nanocomposite Particles**  
SERT Ş., Eral M.  
International Workshop on nanostructured Materials, Antalya, Turkey, 21 Haziran 2006, pp.215
- **Toryum ve Seryumun Dowex 1X8 Anyon Değiştirici reçine Kullanılarak Ayrılması**  
SERT Ş., Eral M.  
X. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, İzmir, Turkey, 14 Eylül 2005, pp.15

## Scientific Refereeing

Chemical Engineering Journal, SCI Journal, January 2019

Journal of the Chemical Society of Pakistan, Other journals, January 2019

Chemical Engineering Journal, SCI Journal, February 2018  
Chemical Engineering Journal, SCI Journal, October 2017  
Chemical Engineering Journal, SCI Journal, September 2017  
Chemical Engineering Journal, SCI Journal, May 2017  
Chemical Engineering Journal, SCI Journal, November 2016  
Nuclear Science and Techniques, SCI Journal, November 2016  
Chemical Engineering Journal, SCI Journal, June 2016  
Chemical Engineering Journal, SCI Journal, April 2016  
Chemical Engineering Journal, SCI Journal, April 2016  
Journal of Nuclear Materials, SCI Journal, May 2015  
Journal of Nuclear Materials, SCI Journal, April 2015  
Journal of Nuclear Materials, SCI Journal, April 2015  
Chemical Engineering Journal, SCI Journal, March 2015  
Journal of Hazardous Materials, SCI Journal, August 2013  
Journal of the Taiwan Institute of Chemical Engineers, SCI Journal, July 2013  
Sensors & Actuators: B. Chemica , SCI Journal, January 2013  
Chinese Science Bulletin , SCI Journal, October 2012  
The Korean Journal of Chemical Engineering , SCI Journal, June 2012  
The Chemical Industry and Chemical Engineering Quarterly , SCI Journal, February 2012  
Separation Science and Technology , SCI Journal, November 2011  
Colloids and Surfaces B: Biointerfaces , SCI Journal, October 2011  
Industrial & Engineering Chemistry Research , SCI Journal, July 2011  
Fresenius Environmental Bulletin , SCI Journal, July 2011  
Journal of Hazardous Materials, SCI Journal, March 2011  
Chemical Engineering Journal, SCI Journal, November 2010  
Chemical Engineering Communications, SCI Journal, August 2010  
Chemical Engineering Communications, SCI Journal, May 2010  
Chemical Engineering Journal , SCI Journal, February 2010

## **Invited Congress and Symposium Activities**

8th International Symposium on "IN Situ Nuclear Metrology as a tool for radioecology – INSINUME 2019, Working Group, Aydın, Turkey, 2019  
5th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2018), Attendee, Nevşehir, Turkey, 2018  
IV. International Ege Composite Materials Symposium, Attendee, İzmir, Turkey, 2018  
Toryum ve Nadir Toprak Elementlerinin Ayrılması Çalıştayı, Attendee, Aydın, Turkey, 2018  
3rd International Conference On Theoretical and Experimental Studies in Nuclear Applications and Technology, Attendee, Adana, Turkey, 2017  
7th International Symposium on IN Situ Nuclear Metrology as a tool for radioecology – INSINUME 2017, Attendee, Ohrid, Macedonia, 2017  
XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Attendee, Aydın, Turkey, 2016  
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