

# Prof. SELÇUK ŞİMŞEK

## Personal Information

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## Education Information

Doctorate, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, Turkey 2002 - 2007

Post Graduate, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, Turkey 1999 - 2001

Under Graduate, Istanbul Technical University, Fen-Edebiyat, İLİTAM, Turkey 1990 - 1996

## Dissertations

Doctorate, Poliakrilonitril-bentonit/zeolit ve poliakrilamid-lignin kompozitlerinin hazırlanması, modifikasyonu, karakterizasyonu ve bunlara UO<sub>2</sub> ve Pb<sub>2</sub> adsorpsiyonu, 2006

Post Graduate, Bentonit, poliakrilamid-bentonit ve poliakrilamid-bentonit-fitik asit yapılarına bazı radyoaktif metaller ile demir ve çinko adsorpsiyonu, 2001

## Research Areas

Physical Chemistry, Interface Chemistry, Polymers and Their Applications, Composites, nanocomposites, Polymeric Adsorbents, Polymeric Materials, Surface Chemistry

## Academic Titles / Tasks

Associate Professor, 2015 - Continues

Research Assistant, 1998 - 2008

## Courses

Genel Kimya, Under Graduate, 2019 - 2020

İleri Nanokimya, Post Graduate, 2019 - 2020

Seminer Dersi, Post Graduate, 2018 - 2019

Kimyasal Risk Etmenleri, Post Graduate, 2019 - 2020

Uzmanlık Alan Dersi, Post Graduate, 2019 - 2020

Biyokimya - II, Under Graduate, 2018 - 2019

Biyokimya Lab, Under Graduate, 2018 - 2019

Genel Kimya I, Under Graduate, 2019 - 2020

Biyokimya Lab, Under Graduate, 2018 - 2019

İş Sağlığı ve Güvenliği - I, Under Graduate, 2019 - 2020

Kimya Tarihi, Under Graduate, 2018 - 2019

Adsorbanlar: Temelleri ve Uygulamaları, Post Graduate, 2018 - 2019

Genel Kimya, Under Graduate, 2019 - 2020

Biyokimya - II, Under Graduate, 2018 - 2019  
Kimyasal Risk Etmenleri, Post Graduate, 2018 - 2019  
Genel Kimya Laboratuvarı I, Under Graduate, 2019 - 2020  
Genel Kimya II, Under Graduate, 2018 - 2019  
Dönem Projesi, Post Graduate, 2018 - 2019  
Biyokimya - I, Under Graduate, 2018 - 2019  
Biyokimya - I, Under Graduate, 2018 - 2019  
Genel Kimya Lab. - II, Under Graduate, 2017 - 2018  
Genel Kimya Laboratuvarı II, Under Graduate, 2017 - 2018  
Bitirme Ödevi/Tezi, Under Graduate, 2018 - 2019  
Genel Kimya Laboratuvarı, Under Graduate, 2018 - 2019  
Tez Çalışması, Post Graduate, 2018 - 2019  
Biyokimya-II, Under Graduate, 2016 - 2017  
Kimyasal Risk Etmenleri, Post Graduate, 2017 - 2018  
Uzmanlık Alan Dersi, Post Graduate, 2016 - 2017  
Dönem Projesi, Post Graduate, 2017 - 2018  
Genel Kimya Laboratuvarı I, Under Graduate, 2017 - 2018  
Seminer Dersi, Post Graduate, 2016 - 2017  
Genel Kimya II, Under Graduate, 2015 - 2016  
Fizikokimya-I, Under Graduate, 2016 - 2017  
Genel Kimya II, Under Graduate, 2015 - 2016  
Fizikokimya-II, Under Graduate, 2014 - 2015  
Fizikokimya-I, Under Graduate, 2015 - 2016  
Bitirme Ödevi/Tezi, Under Graduate, 2015 - 2016  
Fizikokimya-II, Under Graduate, 2014 - 2015  
Fizikokimya-II, Under Graduate, 2014 - 2015  
Fizikokimya-II, Under Graduate, 2014 - 2015  
Genel Kimya Laboratuvarı II, Under Graduate, 2014 - 2015  
Genel Kimya I, Under Graduate, 2015 - 2016  
Fizikokimya-I, Under Graduate, 2015 - 2016  
Kimyasal Hesaplamalar, Under Graduate, 2015 - 2016  
Biyokimya-II, Under Graduate, 2013 - 2014  
Kimyasal Hesaplamalar, Under Graduate, 2014 - 2015  
Genel Kimya I, Under Graduate, 2014 - 2015  
Fizikokimya-I, Under Graduate, 2014 - 2015  
Genel Kimya Lab.I, Under Graduate, 2014 - 2015  
Nanokimya, Under Graduate, 2012 - 2013  
Kimyasal Hesaplamalar, Under Graduate, 2012 - 2013  
Polimer Malzemeler, Under Graduate, 2012 - 2013  
Bilim Tarihi, Under Graduate, 2011 - 2012  
Polimer Malzemeler, Under Graduate, 2012 - 2013  
Kimyasal Hesaplamalar, Under Graduate, 2012 - 2013  
Nanokimya, Under Graduate, 2011 - 2012  
Nanokimya, Under Graduate, 2010 - 2011  
Fizikokimya Lab, Under Graduate, 2010 - 2011  
Nanokimya, Under Graduate, 2010 - 2011  
Genel Kimya Laboratuvarı, Under Graduate, 2009 - 2010  
Temel Bilgisayar Bilimleri, Under Graduate, 2009 - 2010  
Temel Bilgisayar Bilimleri, Under Graduate, 2009 - 2010  
Temel Bilgisayar Teknolojileri Kullanımı, Under Graduate, 2009 - 2010  
Genel Kimya I, Under Graduate, 2009 - 2010

Temel Bilgisayar Teknolojileri Kullanımı, Under Graduate, 2009 - 2010

Genel Kimya - II, Under Graduate, 2007 - 2008

Genel Kimya - II, Under Graduate, 2007 - 2008

## Advising Theses

Şimşek S., Tekstil sektöründe kimyasal risk etmenleri ve sektöre yönelik sgk teftiş verilerinin analizi, Post Graduate, O.YILMAZ(Student), 2017

Şimşek S., Poliakrilamit-talk kompozitin hazırlanması ve metilen mavisi adsorpsiyonunun araştırılması, Post Graduate, M.BİLGİÇ(Student), 2015

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

- I. **Bioremoval of Safranin O dye by the identified lichen species called Evernia prunastri biomass; biosorption optimization, isotherms, kinetics, and thermodynamics**  
HASDEMİR Z. M. , Gul U. D. , ŞİMŞEK S.  
BIOMASS CONVERSION AND BIOREFINERY, 2021 (Journal Indexed in SCI)
- II. **Spectrophotometric determination of aflatoxin B1 in food sample: Chemometric optimization and theoretical supports for reaction mechanisms and binding regions**  
ALTUNAY N., Katin K. P. , GÜRSOY N., ELİK A., ŞİMŞEK S., KAYA S.  
Journal of Food Composition and Analysis, vol.94, 2020 (Journal Indexed in SCI)
- III. **Synthesis and characterization of chitosan-vermiculite composite beads for removal of uranyl ions: isotherm, kinetics and thermodynamics studies**  
HASDEMİR Z. M. , ŞİMŞEK S., ÖZER A., ŞENOL ARSLAN D.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, 2020 (Journal Indexed in SCI)
- IV. **Synthesis and characterization of chitosan-vermiculite composite beads as adsorbent for environmental removal of UO<sub>2</sub><sup>2+</sup> ions; isotherm, kinetic and thermodynamic studies**  
Hasdemir Z. M. , Şimşek S., Özer A., Şenol Arslan D.  
Journal Of Radioanalytical And Nuclear Chemistry, pp.1, 2020 (Journal Indexed in SCI)
- V. **Insight from adsorption properties of Xylidyl Blue embedded hydrogel for effective removal of uranyl: Experimental and theoretical approaches**  
Senol Z. M. , ŞİMŞEK S., ULUSOY H. İ. , Mahmood A., KAYA S.  
POLYMER TESTING, vol.88, 2020 (Journal Indexed in SCI)
- VI. **Equilibrium, kinetics and thermodynamics of Pb(II) ions from aqueous solution by adsorption onto chitosan-dolomite composite beads**  
Senol Z. M. , ŞİMŞEK S.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2020 (Journal Indexed in SCI)
- VII. **Poly(styrene)-co-2-vinylpyridine copolymer as a novel solid-phase adsorbent for determination of manganese and zinc in foods and vegetables by FAAS**  
Tüzen M., Elik A., Hazer B., Şimşek S., Altunay N.  
FOOD CHEMISTRY, vol.1, no.1, pp.1, 2020 (Journal Indexed in SCI)
- VIII. **Removal of food dyes from aqueous solution by chitosan-vermiculite beads**  
Şenol Z. M. , Gürsoy N., Şimşek S., Özer A., Karakuş N.  
International Journal of Biological Macromolecules, vol.148, pp.635-646, 2020 (Journal Indexed in SCI)
- IX. **Synthesis and characterization of a polyacrylamide-dolomite based new composite material for efficient removal of uranyl ions**  
Senol Z. M. , Şimşek S., Ulusoy H. İ. , Özer A.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.324, pp.317-330, 2020 (Journal Indexed in SCI)
- X. **A combined molecular dynamic simulation, DFT calculations, and experimental study of the**

**eriochrome black T dye adsorption onto chitosan in aqueous solutions**

Khnifira M., Boumya W., Abdennouri M., Sadiq M., Achak M., SERDAROĞLU G., KAYA S., ŞİMŞEK S., Barka N.  
International Journal of Biological Macromolecules, 2020 (Journal Indexed in SCI Expanded)

- XI. **Optimization the removal of lead ions by fungi: Explanation of the mycosorption mechanism**  
HASDEMİR Z. M. , Gül Ü. D. , Gurbanov R., ŞİMŞEK S.  
Journal of Environmental Chemical Engineering, 2020 (Journal Indexed in SCI Expanded)
- XII. **Preparation and characterization of a novel diatomite-based composite and investigation of its adsorption properties for uranyl ions**  
Senol Z. M. , Arslan D. S. , Şimşek S.  
Journal of Radioanalytical and Nuclear Chemistry, vol.321, pp.791-803, 2019 (Journal Indexed in SCI)
- XIII. **Assessment of Pb<sup>2+</sup> removal capacity of lichen (Evernia prunastri): application of adsorption kinetic, isotherm models, and thermodynamics**  
Senol Z. M. , Gul U. D. , Şimşek S.  
Environmental Science and Pollution Research, vol.26, pp.27002-27013, 2019 (Journal Indexed in SCI)
- XIV. **Effective UO<sub>2</sub><sup>2+</sup> removal from aqueous solutions using lichen biomass as a natural and low-cost biosorbent**  
Gul U. D. , Senol Z. M. , Gürsoy N., Şimşek S.  
Journal of Environmental Radioactivity, pp.93-100, 2019 (Journal Indexed in SCI)
- XV. **Synthesis of a Useful and Economic Polymeric Material for Effective Removal of Bisphenol A**  
Şimşek S., Ulusoy H. İ.  
JOURNAL OF POLYMERS AND THE ENVIRONMENT, vol.26, pp.1605-1612, 2018 (Journal Indexed in SCI)
- XVI. **Synthesis and characterization of a composite polymeric material including chelating agent for adsorption of uranyl ions**  
Şimşek S., Senol Z. M. , Ulusoy H. İ.  
Journal of Hazardous Materials, vol.338, pp.437-446, 2017 (Journal Indexed in SCI)
- XVII. **EFFECTIVE MERCURY REMOVAL USING A NEW DEVELOPED POLYMER CONTAINING 2-(2 ' THIAZOLYLAZO) P-CRESOL**  
ŞİMŞEK S., ULUSOY H. İ.  
ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, vol.15, no.11, pp.2347-2356, 2016 (Journal Indexed in SCI)
- XVIII. **Adsorption properties of lignin containing bentonite-polyacrylamide composite for UO<sub>2</sub><sup>2+</sup> ions**  
ŞİMŞEK S.  
DESALINATION AND WATER TREATMENT, vol.57, no.50, pp.23790-23799, 2016 (Journal Indexed in SCI)
- XIX. **Organoclay modified with lignin as a new adsorbent for removal of Pb<sup>2+</sup> and UO<sub>2</sub> (2+)**  
Şimşek S., Baybaş D., Kocyigit M. C. , Yıldırım H.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.299, pp.283-292, 2014 (Journal Indexed in SCI)
- XX. **Amine-modified maleic anhydride containing terpolymers for the adsorption of uranyl ion in aqueous solutions**  
ŞİMŞEK S., YILMAZ E., Boztug A.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.298, no.2, pp.923-930, 2013 (Journal Indexed in SCI)
- XXI. **Removal of UO<sub>2</sub><sup>2+</sup> from Aqueous Solutions by Maleic Anhydride-Styrene-vinyl acetate Terpolymer Modified with Ethylenediamine and Diethylenetriamine**  
ŞİMŞEK S., YILMAZ E.  
ASIAN JOURNAL OF CHEMISTRY, vol.25, no.14, pp.8087-8092, 2013 (Journal Indexed in SCI)
- XXII. **Effects of the Different Methacrylate Monomers on Bond Strength Between Soft Liner and Acrylic Resin**  
BOLAYIR G., SOYGUN K., ŞİMŞEK S., YILMAZ E., DOĞAN A., Boztug A., DOĞAN O. M.  
ASIAN JOURNAL OF CHEMISTRY, vol.25, no.14, pp.8079-8081, 2013 (Journal Indexed in SCI)
- XXIII. **Removal of uranyl ions in aquatic mediums by using a new material: Gallocyanine grafted hydrogel**  
Ulusoy H. İ. , Şimşek S.

- JOURNAL OF HAZARDOUS MATERIALS, vol.254, pp.397-405, 2013 (Journal Indexed in SCI)
- XXIV. **Investigation of Mechanical and Structural Properties of Blend Lignin-PMMA**  
SOYGUN K., ŞİMŞEK S., YILMAZ E., BOLAYIR G.  
ADVANCES IN MATERIALS SCIENCE AND ENGINEERING, 2013 (Journal Indexed in SCI)
- XXV. **Adsorptive properties of sulfolignin-polyacrylamide graft copolymer for lead and uranium: Effect of hydroxylamine-hydrochloride treatment**  
ŞİMŞEK S., ULUSOY U.  
REACTIVE & FUNCTIONAL POLYMERS, vol.73, no.1, pp.73-82, 2013 (Journal Indexed in SCI)
- XXVI. **Uranium and lead adsorption onto bentonite and zeolite modified with polyacrylamidoxime**  
ŞİMŞEK S., ULUSOY U.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.292, no.1, pp.41-51, 2012 (Journal Indexed in SCI)
- XXVII. **Lead removal by polyacrylamide-bentonite and zeolite composites: Effect of phytic acid immobilization**  
Ulusoy U., Simsek S.  
JOURNAL OF HAZARDOUS MATERIALS, vol.127, pp.163-171, 2005 (Journal Indexed in SCI)
- XXVIII. **UO<sub>2</sub><sup>2+</sup>, Tl<sup>+</sup>, Pb<sup>2+</sup>, Ra<sup>2+</sup>, Bi<sup>3+</sup> and Ac<sup>3+</sup> adsorption onto polyacrylamide-zeolite composite and its modified composition by phytic acid**  
Simsek S., Ulusoy U.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.261, no.1, pp.79-86, 2004 (Journal Indexed in SCI)
- XXIX. **Investigations for modification of polyacrylamide-bentonite by phytic acid and its usability in Fe<sup>3+</sup>, Zn<sup>2+</sup> and UO<sub>2</sub><sup>2+</sup> adsorption**  
Ulusoy U., Simsek S., Ceyhan O.  
ADSORPTION-JOURNAL OF THE INTERNATIONAL ADSORPTION SOCIETY, vol.9, pp.165-175, 2003 (Journal Indexed in SCI)
- XXX. **Adsorption of UO<sub>2</sub><sup>2+</sup>, Tl<sup>+</sup>, Pb<sup>2+</sup>, Ra<sup>2+</sup> and Ac<sup>3+</sup> onto polyacrylamide-bentonite composite**  
Simsek S., Ulusoy U., Ceyhan O.  
Journal of Radioanalytical and Nuclear Chemistry, vol.256, no.2, pp.315-321, 2003 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Removal of Pb<sup>2+</sup> Ions from Aqueous Medium by Using Chitosan-Diatomite Composite: Equilibrium, Kinetic and Thermodynamic Studies**  
Şenol Z. M. , Şimşek S.  
Journal of the Turkish Chemical Society Section A: Chemistry, vol.7, no.1, pp.307-318, 2020 (Other Refereed National Journals)
- II. **Removal of Cationic Dye in Aquatic Medium by Using a New Composite Material**  
Şenol Z. M. , Şimşek S.  
Cumhuriyet Science Journal, vol.39, pp.181-191, 2018 (Other Refereed National Journals)

## Books & Book Chapters

- I. **Development of Bentonite and Zeolite-Polyacrylamidoxime composites: The Use in Uranium and Lead Adsorption**  
Şimşek S., Ulusoy U.  
in: Trends in Hazardous Materials Research, Edward C. Booking, Editor, NOVA Science Publishers Inc. , New-York, pp.59-71, 2007
- II. **Development of Bentonite and Zeolite-Polyacrylamidoxime Composites: The use in Uranium and**

## Lead Adsorption

ŞİMŞEK S., ULUSOY U.

in: Trends in Hazardous Materials Research, Edward C. Booking, Editor, Nova, New York, pp.59-71, 2006

## Refereed Congress / Symposium Publications in Proceedings

- I. **DUYARLI Hg(I) ANALİZİ İÇİN NiNHİDRİN KATKILI POLİMER SENTEZİ**  
DEMİR Ö., ULUSOY H. İ., ŞİMŞEK S.  
XV. Ulusal Spektroskopi Kongresi, Turkey, 17 - 19 May 2017
- II. **Liken (Evernia prunasti) biyokütlesi kullanılarak sulu çözümlerden kurşun giderimi**  
HASDEMİR Z. M., GÜL Ü. D., ŞİMŞEK S.  
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020
- III. **Kitosan-vermikülit kompoziti kullanılarak sulu çözümlerden sunset yellow gıda boyasının etkin giderimi**  
ŞİMŞEK S., HASDEMİR Z. M., GÜRSOY N.  
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020
- IV. **Kitosan-Diyatomit Kompoziti Kullanılarak Sulu Çözümlerden Kurşun Gideriminin Araştırılması**  
HASDEMİR Z. M., ŞİMŞEK S.  
31. Ulusal Kimya Kongresi, Turkey, 10 - 13 September 2019
- V. **Synthesis and Characterization of Polyacrylamide-Titanium Dioxide (PAA-TiO<sub>2</sub>) Composite**  
ŞENOL ARSLAN D., HASDEMİR Z. M., ŞİMŞEK S.  
2nd International Conference on Physical Chemistry Functional Materials, 25 - 27 June 2019
- VI. **Food dyes adsorption from aqueous solutions by chitosan/vermiculite composite**  
ŞİMŞEK S., HASDEMİR Z. M., GÜRSOY N., KARAKUŞ N.  
2nd International Conference on Physical Chemistry Functional Materials (PCFM 2019), 25 - 27 June 2019
- VII. **Adsorption of lead ions in aquatic medium onto chitosan/dolomite composite beads**  
HASDEMİR Z. M., ŞİMŞEK S.  
2nd International Conference on Physical Chemistry Functional Materials (PCFM 2019), 25 - 27 June 2019
- VIII. **Synthesis and Characterization of Polyacrylamide-Vermiculite Composite Adsorbent**  
HASDEMİR Z. M., ŞİMŞEK S., ULUSOY H. İ.  
4th International Symposium on Composite Materials (KOMPEGE 2018), 6 - 08 September 2018
- IX. **A Novel Polymer/Mineral Composite: Synthesis and Characterization**  
HASDEMİR Z. M., ŞİMŞEK S., ULUSOY H. İ.  
4th International Symposium on Composite Materials (KOMPEGE 2018), 6 - 08 September 2018
- X. **Determination of Adsorptive Properties of Polyacrylamide-Dolomite Composite for Removal of Uranium from Aqueous Solution**  
Hasdemir Z. M., Şimşek S., Ulusoy H. İ.  
International Trace Analysis Congress, Sivas, Turkey, 20 - 23 June 2018
- XI. **Removal of Uranium from Aqueous Solution by using Polyacrylamide-Vermiculite Composite**  
HASDEMİR Z. M., ŞİMŞEK S., ULUSOY H. İ.  
International Trace Analysis Congress (iTAC2018), Sivas, Turkey, 20 - 23 June 2018
- XII. **Adsorption of UO<sub>2</sub> onto Polyacrylamide-diatomite composite**  
HASDEMİR Z. M., ŞİMŞEK S.  
International Trace Analysis Congress (ITAC), 20 - 23 June 2018
- XIII. **Removal of Lead ions in aquatic medium by using Chitosan/Vermiculite composite beads**  
HASDEMİR Z. M., ŞİMŞEK S.  
International Trace Analysis Congress (ITAC), 20 - 23 June 2018
- XIV. **Synthesis and Characterization of Diatomite Composite Adsorbent**  
ŞİMŞEK S., HASDEMİR Z. M.

- International Conference on Physical Chemistry and Functional Materials (PCFM 2018), 19 - 21 June 2018
- XV. **Investigation of Structural Properties of Chitosan-Vermiculite Composite**  
HASDEMİR Z. M. , ŞİMŞEK S.  
International Conference on Physical Chemistry and Functional Materials (PCFM 2018), 19 - 21 June 2018
- XVI. **Preparation and Properties of Dolomite Composite**  
ŞİMŞEK S., HASDEMİR Z. M.  
International Conference on Physical Chemistry and Functional Materials (PCFM 2018), 19 - 21 June 2018
- XVII. **Synthesis and Characterization of Polyacrylamide-Diatomite Composite**  
HASDEMİR Z. M. , ŞİMŞEK S.  
International Conference on Physical Chemistry and Functional Materials (PCFM 2018), 19 - 21 June 2018
- XVIII. **Chelating Agent Grafted hydrogel for effective removal of uranyl ions**  
HASDEMİR Z. M. , ŞİMŞEK S., ULUSOY H. İ.  
International congress of Health and Environment, 23 - 25 October 2017
- XIX. **Chelating agent grafted hydrogel for effective removal of uranyl ions**  
HASDEMİR Z. M. , ŞİMŞEK S., ULUSOY H. İ.  
International Congress of Health and Environment, 23 - 25 October 2017
- XX. **Removal of Cationic dye in aquatic medium by using a new composite material**  
Hasdemir Z. M. , Şimşek S.  
International Congress of Health and Environment, Adana, Turkey, 23 - 25 October 2017
- XXI. **Synthesis of Chitosan-vermiculite composite beads and Its Application for Uranly Removal**  
HASDEMİR Z. M. , ŞİMŞEK S.  
III. International Porous Powder Materials, 12 - 15 September 2017
- XXII. **ESER DÜZEYDE Hg(II) İYONLARININ ZENGİNLEŞTİRME SONRASI TAYİNİ**  
SARIDAL K., ULUSOY H. İ. , ŞİMŞEK S.  
XV. Ulusal Spektroskopi Kongresi, Yalova, Turkey, 17 - 19 May 2017
- XXIII. **Determination of trace Hg II ions in Aquatic Mediums by Using a new Composite Material Oxytetracycline hydrochloride Grafted Hydrogel**  
ULUSOY H. İ. , ŞİMŞEK S., SOYLAK M.  
The 7th International Conference on Optical Spectroscopy, Laser & Their Applications, Kahire, Egypt, 18 - 20 October 2016
- XXIV. **Development of a versatile material for effective removal of Bisphenol A**  
ULUSOY H. İ. , ŞİMŞEK S.  
10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016
- XXV. **Synthesis of PAA XB composite and its application in uranyl removal**  
ŞENOL Z. M. , ŞİMŞEK S., ULUSOY H. İ.  
IX. INTERNATIONAL WORKSHOP ON NUCLEAR STRUCTURE PROPERTIES, 1 - 03 September 2016
- XXVI. **Synthesis of PAA XB composite and its application in uranyl removal**  
HASDEMİR Z. M. , ŞİMŞEK S., ULUSOY H. İ.  
IX. INTERNATIONAL WORKSHOP ON NUCLEAR STRUCTURE PROPERTIES, 1 - 03 September 2016
- XXVII. **Etilendiamin ile Modifiye Edilmiş Maleik Anhidrit-Stiren-Vinilasetat Terpolimerinin UO<sub>2</sub> Adsorpsiyonunun Araştırılması**  
ŞİMŞEK S., KARASU S., BOZTUĞ A., YILMAZ E.  
III: Fiziksel Kimya Günleri, Turkey, 12 July 2012
- XXVIII. **Lignin Modifikasyonu ile Oluşturulan Organokil Lignin Yapısına UO<sub>2</sub> Adsorpsiyonunun Araştırılması**  
KOÇYİĞİT Ç., YILDIRIM H., ŞİMŞEK S., ULUSOY U., BAYBAŞ D., Ceyhan Ö.  
24. Ulusal Kimya Kongresi, Turkey, 29 June 2010
- XXIX. **Bentonit Poliakriloamidoksim Kompozitine Pb<sup>2+</sup> ve UO<sub>2</sub> Adsorpsiyonu**  
ŞİMŞEK S., ULUSOY U.  
X. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Turkey, 06 October 2009
- XXX. **Zeolit Poliakriloamidoksim Kompozitine UO<sub>2</sub> Adsorpsiyonu**  
ŞİMŞEK S., ULUSOY U.

23. Ulusal Kimya Kongresi, Turkey, 16 June 2009
- XXXI. **Poliakrilamid Lignin ve Polihidroksamik Asit Yapılarına UO22 Adsorpsiyonu**  
ŞİMŞEK S., ULUSOY U.  
23. Ulusal Kimya Kongresi, Turkey, 16 June 2009
- XXXII. **Poliakrilamid Lignin ve Polihidroksamik Asit Yapılarına Pb2 Adsorpsiyonu**  
ULUSOY U., ŞİMŞEK S.  
XXII. Ulusal Kimya Kongresi, Turkey, 06 October 2008
- XXXIII. **Zeolit Poliamidoksim Kompozitine Pb2 Adsorpsiyonu**  
ŞİMŞEK S., ULUSOY U.  
XXI. Ulusal Kimya Kongresi, Turkey, 23 August 2007
- XXXIV. **Çocuklarda Fe ve Zn Emiliminin Kararlı İzotop ve Nadir Toprak Elementlerin İzleyici Olarak Kullanımı İle Ölçülmesi**  
ULUSOY U., YASAKA Y., ŞİMŞEK S., TANZER F.  
IX. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Turkey, 14 September 2005
- XXXV. **Poliakrilamid Bentonit ve Poliakrilamid Bentonit Fitik Asit Yapılarına U Pb Ac Tl ve Ra Adsorpsiyonunun Araştırılması**  
ŞİMŞEK S., ULUSOY U.  
IX. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Turkey, 14 September 2005
- XXXVI. **Poliakrilamid-Zeolit ve Poliakrilamid-Zeolit-Fitik Asit Yapılarına U, Ac-228, Pb-212,Bi-212,Ra-226 ve Tl-228 Adsorpsiyonununun Araştırılması**  
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XVIII. Ulusal Kimya Kongresi, Turkey, 05 July 2004
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