

## Prof. PINAR AKKAŞ KAVAKLI

### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 169702

### Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya, Turkey 1996 - 2002

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya, Turkey 1993 - 1996

Undergraduate, Hacettepe University, Mükendislik Fakültesi, Kimya, Turkey 1988 - 1993

### Foreign Languages

English, C1 Advanced

### Research Areas

Chemistry, Physical Chemistry, Functional Polymers, Chemical Kinetics, Fiber Technology, Characterization of Polymers, New Technologies in Polymer Chemistry, Polymeric Adsorbents, Polymeric Films, Surface Chemistry, Natural Sciences

### Academic Titles / Tasks

Professor, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2014 - Continues

Associate Professor, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2008 - 2014

Assistant Professor, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2006 - 2009

Research Assistant, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 1994 - 2006

### Advising Theses

AKKAŞ KAVAKLI P., Elektroegirme yöntemi ile poli(4-vinilpiridin) nanoliflerinin hazırlanması ve karakterizasyonu, Postgraduate, B.OKYAY(Student), 2016

AKKAŞ KAVAKLI P., Plazma tekniği kullanılarak dokumasız pamuk kumaş yüzeylerinin aşı polimerizasyonu ile modifikasyonu ve As(V) adsorpsiyon çalışmaları, Postgraduate, S.KORPAYEV(Student), 2016

- I. **Activation of inert polyethylene/polypropylene nonwoven fiber (NWF) by plasma-initiated grafting and amine functionalization of the grafts for Cu (II), Co(II), Cr(III), Cd(II) and Pb(II) removal**  
Ozmen F., Korpayev S., AKKAŞ KAVAKLI P., KAVAKLI C.  
REACTIVE & FUNCTIONAL POLYMERS, vol.174, 2022 (SCI-Expanded)
- II. **Monodisperse-porous cerium oxide microspheres carrying iridium oxide nanoparticles as a heterogeneous catalyst for water oxidation**  
HAMALOĞLU K. Ö., Tosun R. B., Kayi H., AKKAŞ KAVAKLI P., KAVAKLI C., Tuncel A.  
APPLIED SURFACE SCIENCE, vol.547, 2021 (SCI-Expanded)
- III. **Reusable water oxidation catalyst with dual active center for enhanced water oxidation: Iridium oxide nanoparticles immobilized on monodisperse-porous Mn508 microspheres**  
Tosun R. B., HAMALOĞLU K. Ö., KAVAKLI C., AKKAŞ KAVAKLI P., Tuncel A.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.46, no.29, pp.15482-15496, 2021 (SCI-Expanded)
- IV. **Nanoscale Zerovalent Iron Immobilized on Functionalized Nonwoven Cotton Fabric for As(V) Adsorption**  
Korpayev S., KAVAKLI C., AKKAŞ KAVAKLI P.  
WATER AIR AND SOIL POLLUTION, vol.232, no.4, 2021 (SCI-Expanded)
- V. **Monodisperse-porous cerium oxide microspheres as a new support with appreciable catalytic activity for a composite catalyst in benzyl alcohol oxidation**  
HAMALOĞLU K. Ö., Tosun R. B., Ulu S., Kayi H., KAVAKLI C., AKKAŞ KAVAKLI P., Kip C., Tuncel A.  
NEW JOURNAL OF CHEMISTRY, vol.45, no.4, pp.2019-2029, 2021 (SCI-Expanded)
- VI. **A synergistic catalyst based on a multivalence monodisperse-porous microspheres with oxygen vacancies for benzyl alcohol oxidation**  
Tosun R. B., HAMALOĞLU K. Ö., AKKAŞ KAVAKLI P., KAVAKLI C., Tuncel A.  
MOLECULAR CATALYSIS, vol.497, 2020 (SCI-Expanded)
- VII. **Investigation of the effect of titanium dioxide and clay grafted with glycidyl methacrylate by gamma radiation on the properties of EVA flexible films**  
Bartolomei S. S., Santana J. G., Valenzuela Díaz F. R., Kavaklı P., Guven O., Moura E. A.  
Radiation Physics and Chemistry, vol.169, 2020 (SCI-Expanded)
- VIII. **Strengthen adhesion between zirconia and resin cement using different surface modifications**  
Akay C., Tanis M. C., Şen M., Kavaklı P.  
International Journal of Applied Ceramic Technology, vol.16, no.3, pp.917-922, 2019 (SCI-Expanded)
- IX. **Novel cotton fabric adsorbent for efficient As(V) adsorption**  
Korpayev S., KAVAKLI C., Tilki S., AKKAŞ KAVAKLI P.  
Environmental Science and Pollution Research, vol.25, no.34, pp.34610-34622, 2018 (SCI-Expanded)
- X. **In vitro shear bond strength between fluorinated zirconia ceramic and resin cements**  
Tanis M. C., Akay C., Akcaboy T. C., ŞEN M., KAVAKLI P., Sapmaz K.  
Journal of Advanced Prosthodontics, vol.10, no.3, pp.205-210, 2018 (SCI-Expanded)
- XI. **Porous cellulosic adsorbent for the removal of Cd (II), Pb(II) and Cu(II) ions from aqueous media**  
BARSBAY M., KAVAKH P., Tilki S., KAVAKH C., GUVEN O.  
Radiation Physics and Chemistry, vol.142, pp.70-76, 2018 (SCI-Expanded)
- XII. **Preparation and characterization of ethylenediamine modified glycidyl methacrylate-grafted nonwoven cotton fabric adsorbent**  
Korpayev S., KAVAKLI C., ÇOLAK Ş., Kavaklı P.  
Cellulose, vol.25, no.1, pp.813-828, 2018 (SCI-Expanded)
- XIII. **Activation of Polyethylene/Polypropylene Nonwoven Fabric by Radiation-Induced Grafting for the Removal of Cr(VI) from Aqueous Solutions**  
KAVAKLI C., BARSBAY M., Tilki S., GUVEN O., KAVAKLI P.  
Water, Air, and Soil Pollution, vol.227, no.12, 2016 (SCI-Expanded)
- XIV. **Preparation and characterization of Fe(III)-loaded iminodiacetic acid modified GMA grafted nonwoven fabric adsorbent for anion adsorption**  
KAVAKLI P., KAVAKLI C., GUVEN O.

- Radiation Physics and Chemistry, vol.94, no.1, pp.105-110, 2014 (SCI-Expanded)
- XV. **Quaternized dimethylaminoethyl methacrylate strong base anion exchange fibers for As(V) adsorption**  
KAVAKLI C., KAVAKLI P., TURAN B. D., HAMURCU A., GUVEN O.  
Radiation Physics and Chemistry, vol.102, pp.84-95, 2014 (SCI-Expanded)
- XVI. **Synthesis of carboxylated locust bean gum hydrogels by ionizing radiation**  
Hayrabolulu H., Şen M., Celik G., Kavakli P.  
Radiation Physics and Chemistry, vol.94, no.1, pp.240-244, 2014 (SCI-Expanded)
- XVII. **Preparation and characterization of glycidyl methacrylate grafted 4-amino-1,2,4-triazole modified nonwoven fiber adsorbent for environmental application**  
KAVAKLI C., Kavakli P. A., GUVEN O.  
RADIATION PHYSICS AND CHEMISTRY, vol.94, pp.111-114, 2014 (SCI-Expanded)
- XVIII. **Radiation-induced graft polymerization of N-vinylpyrrolidone onto segmented polyurethane based on isophorone diisocyanate**  
Walo M., Przybytniak G., Kavakli P., Güven O.  
Radiation Physics and Chemistry, vol.84, pp.85-90, 2013 (SCI-Expanded)
- XIX. **Removal of phosphate by using copper-loaded poly(N-vinylimidazole) hydrogels as polymeric ligand exchanger**  
Özmen F., Kavakli P., Güven O.  
Journal of Applied Polymer Science, vol.119, no.1, pp.613-619, 2011 (SCI-Expanded)
- XX. **Effect of G/M ratio on the radiation-induced degradation of sodium alginate**  
Şen M., Rendeovski S., Kavakli P., Sepehrianazar A.  
Radiation Physics and Chemistry, vol.79, no.3, pp.279-282, 2010 (SCI-Expanded)
- XXI. **Preparation of quaternized dimethylaminoethylmethacrylate grafted nonwoven fabric for the removal of phosphate**  
Kavakli P., KAVAKLI C., Güven O.  
Radiation Physics and Chemistry, vol.79, no.3, pp.233-237, 2010 (SCI-Expanded)
- XXII. **Removal of phosphate using copper-loaded polymeric ligand exchanger prepared by radiation grafting of polypropylene/polyethylene (PP/PE) nonwoven fabric**  
BARSBAY M., KAVAKLI P., GUVEN O.  
Radiation Physics and Chemistry, vol.79, no.3, pp.227-232, 2010 (SCI-Expanded)
- XXIII. **Radiation synthesis of adsorbents for phosphate removal from aqueous systems**  
Kavakli P., Guven O.  
Eurasian Chemico-Technological Journal, vol.11, no.1, pp.29-36, 2009 (SCI-Expanded)
- XXIV. **Radiation-induced grafting of dimethylaminoethylmethacrylate onto PEW nonwoven fabric**  
Kavakli P., Kavakli C., Seko N., Tamada M., Güven O.  
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.265, no.1, pp.204-207, 2007 (SCI-Expanded)
- XXV. **Radiation-induced graft polymerization of glycidyl methacrylate onto PE/PP nonwoven fabric and its modification toward enhanced amidoximation**  
Kavakli P. A., Seko N., Tamada M., Guven G.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.105, no.3, pp.1551-1558, 2007 (SCI-Expanded)
- XXVI. **Removal of nitrite ions from aqueous solutions by poly(N,N-dimethylamino ethylmethacrylate) hydrogels**  
Yilmaz Z., Akkas P. K., Sen M., Guven O.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.102, no.6, pp.6023-6027, 2006 (SCI-Expanded)
- XXVII. **Removal of concentrated heavy metal ions from aqueous solutions using polymers with enriched amidoxime groups**  
Kavakli P., Güven O.  
Journal of Applied Polymer Science, vol.93, no.4, pp.1705-1710, 2004 (SCI-Expanded)
- XXVIII. **Adsorption efficiency of a new adsorbent towards uranium and vanadium ions at low concentrations**

Kavakli P., Seko N., Tamada M., Güven O.

Separation Science and Technology, vol.39, no.7, pp.1631-1643, 2004 (SCI-Expanded)

XXIX. **Enhancement of uranyl ion uptake by prestructuring of acrylamide-maleic acid hydrogels**

Akkas P., Guven O.

JOURNAL OF APPLIED POLYMER SCIENCE, vol.78, no.2, pp.284-289, 2000 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Synthetic and Natural Nonwoven Fabric Materials for Environmental Applications”**  
TİLKİ S., AKKAŞ KAVAKLI P.  
2nd INTERNATIONAL ENVIRONMENTAL CHEMISTRY CONGRESS, Antalya, Turkey, 31 October - 03 November 2019
- II. **Preparation of poly(vinylimidazole) grafted polystyrene microspheres with atom transfer radical polymerisation and removal of arsenic ions from aqueous solutions**  
KAVAKLI C., TİLKİ S., AKKAŞ KAVAKLI P., AKYÜZ E. E.  
2nd International Environmental Chemistry Congress (EnviroChem), 31 October - 03 November 2019
- III. **Removal of Se(VI) by Using Amine Modified Polystyrene from Aqueous Solutions**  
ÖZDEMİR B., ÖZMEN F., AKKAŞ KAVAKLI P., KAVAKLI C.  
2nd International Environmental Chemistry Congress (EnviroChem), 31 October - 03 November 2019
- IV. **Preparation and Optimization of Metal Loaded Polymeric Ligand Exchangers for Removal of Toxic Metal Ions**  
ÖZMEN F., AKKAŞ KAVAKLI P.  
2nd International Environmental Chemistry Congress (EnviroChem), 31 October - 03 November 2019
- V. **Preparation of Poly(Vinylimidazole) Grafted Polystyrene Microspheres with Atom Transfer Radical Polymerisation and Removal of Arsenic Ions from Aqueous Solutions**  
KAVAKLI C., AKYÜZ E. E., TİLKİ S., AKKAŞ KAVAKLI P.  
2.INTERNATIONAL ENVIRONMENTAL CHEMISTRY CONGRESS, Antalya, Turkey, 31 October - 03 November 2019
- VI. **Modified Nonwoven Cotton Fabric With Antimicrobial Properties**  
ŞAHİNER M., ARI B., SERDAR K., SAĞBAŞ S., AKKAŞ KAVAKLI P., KAVAKLI C., ŞAHİNER N.  
7th International Technical Textiles Congress, 10 - 12 October 2018
- VII. **The Use of Modified GMA-g-PE/PP-NWF as Catalyst For H<sub>2</sub> Production**  
ŞAHİNER M., ARI B., SERDAR K., DEMİRCİ Ş., KAVAKLI C., AKKAŞ KAVAKLI P., ŞAHİNER N.  
7th International Technical Textiles Congress, 10 - 12 October 2018
- VIII. **Fonksiyonel Polimerik Adsorbent Kullanılarak Selenyum İyonlarının Sulu Çözeltilerden Uzaklaştırılması**  
ÖZDEMİR B., KAVAKLI C., TİLKİ S., AKKAŞ KAVAKLI P.  
ULUSLARARASI KATILIMLI VII. POLİMER BİLİM VE TEKNOLOJİ KONGRESİ-“POLİMER-2018, Eskişehir, Turkey, 9 - 12 September 2018
- IX. **Sulu Çözeltilerden As(V) Adsorpsiyonu için Pamuk Esaslı Adsorbent Malzeme Hazırlanması**  
KAVAKLI C., AKKAŞ KAVAKLI P., SERDAR K.  
Uluslararası Katılımlı VII. Polimer Bilim Ve Teknoloji Kongresi, 9 - 12 September 2018
- X. **Amidoksim Fonsiyonel Grubu İçeren Pamuk Kumaşların Aşı Polimerizasyonu ile Hazırlanması**  
KAVAKLI C., AKKAŞ KAVAKLI P., KUMAN M.  
Uluslararası Katılımlı VII. Polimer Bilim Ve Teknoloji Kongresi, 9 - 12 September 2018
- XI. **Plazma Yöntemi İle Aşılansız Dokumasız Kumaş Adsorbent Hazırlanması ve Sulu Çözelti lerden Ağır Metal İyonlarının Uzaklaştırılmasında Kullanımı**  
KAVAKLI C., AKKAŞ KAVAKLI P., SERDAR K., ÖZMEN F.  
Uluslararası Katılımlı VII. Polimer Bilim Ve Teknoloji Kongresi, 9 - 12 September 2018
- XII. **Se(VI) Adsorption onto QDMAEMA-g-PE/PP Nonwoven Fabrics**  
KAVAKLI C., ÖZTÜRK G., KARABULUT C., AKKAŞ KAVAKLI P.  
5th International Conference on Methods and Materials for Separation Process “Separation Science – Theory and

Practice 2018, 26 - 30 August 2018

- XIII. **Functional Grafted Polymeric Adsorbents for Environmental Applications**  
AKKAŞ KAVAKLI P., KAVAKLI C., OLGUN G.  
5th International Conference on Methods and Materials for Separation Process "Separation Science – Theory and Practice 2018, 26 - 30 August 2018
- XIV. **Enhanced bonding to zirconia surface using different surface modifications**  
AKAY C., ÇAKIRBAY TANIŞ M., ŞEN M., AKKAŞ KAVAKLI P.  
23. Uluslararası Türk Prosthodonti ve İmplantoloji Derneği Bilimsel Kongresi, 9 - 12 November 2017
- XV. **Enhanced bonding to zirconia surface using different surface modifications/Farklı yüzey modifikasyonları kullanılarak zirkonyum bağlantısının güçlendirilmesi**  
AKAY C., ÇAKIRBAY TANIŞ M., ŞEN M., AKKAŞ KAVAKLI P.  
23. Uluslararası Türk Prosthodonti ve İmplantoloji Derneği Bilimsel Kongresi, Turkey, 9 - 12 November 2017
- XVI. **Shear bond strength between fluorinated zirconia and resin cements**  
ÇAKIRBAY TANIŞ M., AKAY C., ŞEN M., AKKAŞ KAVAKLI P.  
41st Annual Conference of European Prosthodontic Association, 28 - 30 September 2017
- XVII. **Synthesis of Quaternized Poly(N,N-Dimethylaminoethyl Methacrylate) Grafted PE/PP Nonwoven Fabric via RadiationInduced RAFT Polymerization for The Removal of Selenium (VI) Ions**  
AKKAŞ KAVAKLI P., BARSBAY M., TİLKİ S., KAVAKLI C., GÜVEN O.  
EUROANALYSIS 2017, Stockholm, Sweden, 28 August - 01 September 2017
- XVIII. **Synthesis of Quaternized Poly(N,N-Dimethylaminoethyl Methacrylate) Grafted PE/PP Nonwoven Fabric via RadiationInduced RAFT Polymerization for The Removal of Selenium (VI) Ions**  
AKKAŞ KAVAKLI P., BARSBAY M., TİLKİ S., KAVAKLI C., OLGUN G.  
EUROANALYSIS 2017, 28 August - 01 September 2017
- XIX. **Plasma Induced ethylenediamine modified glycidyl methacrylategrafted nonwoven cotton fabric adsorbent**  
AKKAŞ KAVAKLI P., SERDAR K., TİLKİ S., KAVAKLI C.  
EUROANALYSIS 2017, 28 August - 01 September 2017
- XX. **Plasma Induced ethylenediamine modified glycidyl methacrylate grafted nonwoven cotton fabric adsorbent**  
AKKAŞ KAVAKLI P., korpayev s., TİLKİ S., KAVAKLI C.  
EUROANALYSIS 2017, Stockholm, Sweden, 28 August - 01 September 2017
- XXI. **Synthesis of Quaternized Poly(N,N-Dimethylaminoethyl Methacrylate) Grafted PE/PP Nonwoven Fabric via Radiation- Induced RAFT Polymerization for The Removal of Selenium (VI) Ions**  
AKKAŞ KAVAKLI P., BARSBAY M., TİLKİ S., KAVAKLI C., Güven O.  
Euroanalysis 2017, Stockholm, Sweden, 28 August - 01 September 2017
- XXII. **Renewable cellulosic adsorbent for the removal of Cu(II), Pb (II) and Cd (II) ions from aqueous media**  
BARSBAY M., AKKAŞ KAVAKLI P., TİLKİ S., KAVAKLI C., Güven O.  
2nd IWA Regional International Symposium on Water, Wastewater and Environment (IWA-PPFW2017), Çeşme, Turkey, 22 - 24 March 2017
- XXIII. **FUNCTIONAL GRAFTED NONWOVEN TEXTILE ADSORBENTS FORENVIRONMENTAL APPLICATIONS**  
AKKAŞ KAVAKLI P., KAVAKLI C., TİLKİ S., GÜVEN O.  
IWA-PPFW 2017-The 2nd IWA Regional Symposium on water,wastewater and enviroment, izmir/çeşme, Turkey, 22 - 24 March 2017
- XXIV. **RENEWABLE CELLULOSIC ADSORBENT FOR THE REMOVAL OFCU(II), PB (II) AND CD (II) IONS FROM AQUEOUS MEDIA**  
BARSBAY M., AKKAŞ KAVAKLI P., TİLKİ S., KAVAKLI C., GÜVEN O.  
IWA-PPFW 2017-The 2nd IWA Regional Symposium on water, wastewater and enviroment, İZMİR/ÇEŞME, Turkey, 22 - 24 March 2017
- XXV. **Grafted polymeric ligand exchanger for removal of Cr(VI)**  
AKKAŞ KAVAKLI P., KAVAKLI C., BURCU O., OLGUN G.

- IWA-PPFW 2017-The 2nd IWA Regional Symposium on water, 22 - 24 March 2017
- XXVI. **RADIATION-INDUCED GRAFTING OF POLY(2-(DIMETHYLAMINO)ETHYL METHACRYLATE) (PDMAEMA) AND POLY (GLYCIDYL METHACRYLATE) (PGMA) FROM PE/PP NONWOVEN FABRIC FOR THE REMOVAL OF CR(VI) IONS FROM AQUEOUS MEDIA**  
TİLKİ S., AKKAŞ KAVAKLI P., KAVAKLI C., BARSBAY M., GÜVEN O.  
IWA-PPFW 2017-The 2nd IWA Regional Symposium on water, wastewater and environment, izmir/çeşme, Turkey, 22 - 24 March 2017
- XXVII. **Renewable Cellulosic adsorbent for the removal of Cu(II), Pb(II) and Cd(II) ions from aqueous media**  
BARSBAY M., AKKAŞ KAVAKLI P., TİLKİ S., KAVAKLI C., OLGUN G.  
IWA-PPFW 2017-The 2nd IWA Regional Symposium on water, 22 - 24 March 2017
- XXVIII. **Removal of arsenic, selenium and chromium by vinylpyridine strong base fabric adsorbent**  
KAVAKLI C., AKKAŞ KAVAKLI P., BURCU O., OLGUN G.  
IWA-PPFW 2017-The 2nd IWA Regional Symposium on water, 22 - 24 March 2017
- XXIX. **Radiation-induced grafting of poly(2-(dimethylamino)ethyl methacrylate) (PDMAEMA) and poly(glycidyl methacrylate) (PGMA) from PE/PP non-woven fabric for the removal of Cr(VI) ions from aqueous media**  
TİLKİ S., AKKAŞ KAVAKLI P., KAVAKLI C., BARSBAY M., GÜVEN O.  
IWA-PPFW 2017-The 2nd IWA Regional Symposium on water, 22 - 24 March 2017
- XXX. **Radiation-Induced Grafting of Poly(2-(DiMethylamino)Ethyl Methacrylate) (PDMAEMA) and Poly(Glycidyl Methacrylate) (PGMA) from PE/PP Non-Woven Fabric for the Removal Of Cr(VI) ions from Aqueous Media**  
TİLKİ S., AKKAŞ KAVAKLI P., KAVAKLI C., BARSBAY M., Güven O.  
2nd IWA Regional International Symposium on Water, Wastewater and Environment (IWA-PPFW2017), Çeşme, Turkey, 22 - 24 March 2017
- XXXI. **Functional grafted nonwoven textile adsorbents for environmental applications**  
AKKAŞ KAVAKLI P., KAVAKLI C., TİLKİ S., OLGUN G.  
IWA-PPFW 2017-The 2nd IWA Regional Symposium on water, 22 - 24 March 2017
- XXXII. **Nonwoven Cotton Fabric for As (V) Removal**  
SERDAR K., TİLKİ S., AKKAŞ KAVAKLI P., KAVAKLI C.  
IWA-PPFW 2017-The 2nd IWA Regional Symposium on water, 22 - 24 March 2017
- XXXIII. **NONWOVEN COTTON FABRIC ADSORBENT FOR As(V) REMOVAL**  
korpavev s., TİLKİ S., AKKAŞ KAVAKLI P., KAVAKLI C.  
IWA-PPFW 2017-The 2nd IWA Regional Symposium on water, wastewater and environment, izmir/çeşme, Turkey, 22 - 24 March 2017
- XXXIV. **Removal of Cd II ions form aqueous media using porous cellulosic adsorbent**  
BARSBAY M., AKKAŞ KAVAKLI P., TİLKİ S., KAVAKLI C., Güven O.  
THE 12TH INTERNATIONAL SYMPOSIUM ON IONIZING RADIATION & POLYMERS, 25 - 30 October 2016
- XXXV. **Removal of Cd II ions from aqueous media using porous cellulosic adsorbent**  
BARSBAY M., AKKAŞ KAVAKLI P., TİLKİ S., KAVAKLI C., GÜVEN O.  
THE 12TH INTERNATIONAL SYMPOSIUM ON IONIZING RADIATION AND POLYMERS, 25 September - 30 October 2016
- XXXVI. **Cu II Yüklenmiş Polimerik Ligand Değişiricilerin Sentezi ve Cr VI Uzaklaştırılmasında Kullanımı**  
OKYAY B., HAMURCU A., KAVAKLI C., AKKAŞ KAVAKLI P.  
VI. Ulusal Polimer Bilim ve Teknolojisi Kongresi, Ankara, Turkey, 4 - 07 September 2016
- XXXVII. **Plazma Tekniği Kullanılarak PE PP Dokumasız Kumaş Yüzeylerinin Aşı Polimerizasyonu İle GMA Aşılması ve Karakterizasyonu**  
Korpavev S., KAVAKLI C., AKKAŞ KAVAKLI P.  
VI. Ulusal Polimer Bilim ve Teknolojisi Kongresi, Turkey, 04 September 2019 - 07 September 2016
- XXXVIII. **Kuaternize Edilmiş 4 Vinilpiridin Aşılmalı Polimerik Kumaş Adsorbent ile Sulu Çözeltilerden Se VI Uzaklaştırılması**

- KAVAKLI C., OKYAY B., AKKAŞ KAVAKLI P.  
VI. Ulusal Polimer Bilim ve Teknolojisi Kongresi, Ankara, Turkey, 4 - 07 September 2016
- XXXIX. **Zayıf Baz Anyon Değişirici Reçine Kullanılarak Sulu Çözeltilerden As V Uzaklaştırılması**  
TİLKİ S., AKKAŞ KAVAKLI P., KAVAKLI C.  
VI. Ulusal Polimer Bilim ve Teknolojisi Kongresi, Ankara, Turkey, 4 - 07 September 2016
- XL. **Sulu Çözeltilerden As V Adsorpsiyonu için Zayıf Baz Anyon Değişirici Dokumasız Kumaşlar**  
AKKAŞ KAVAKLI P., TİLKİ S., KAVAKLI C.  
VI. Ulusal Polimer Bilim ve Teknolojisi Kongresi, Turkey, 4 - 07 September 2016
- XLI. **Sulu Çözeltilerden Cr VI Uzaklaştırılması için Polietilen Polipropilen PE PP Dokumasız Kumaşların Aktivasyonu**  
KAVAKLI C., BARSBAY M., TİLKİ S., GÜVEN O., AKKAŞ KAVAKLI P.  
VI. Ulusal Polimer Bilim ve Teknolojisi Kongresi, Ankara, Turkey, 4 - 07 September 2016
- XLII. **Polimerik Kumaş Adsorbentler ve Uygulamaları**  
AKKAŞ KAVAKLI P., KAVAKLI C., TİLKİ S.  
1. ULUSLARARASI LİF VE POLİMER ARAŞTIRMALARI SEMPOZYUMU, Bursa, Turkey, 13 - 14 May 2016
- XLIII. **Elektro Eğirme Yöntemi Kullanılarak Polistiren Nanofiblerin Hazırlanması ve Pb II İyonu Tayininde Kullanımı**  
TUNCER E., TİLKİ S., KAVAKLI C., AKKAŞ KAVAKLI P.  
1. ULUSLARARASI LİF VE POLİMER ARAŞTIRMALARI SEMPOZYUMU, Bursa, Turkey, 13 - 14 May 2016
- XLIV. **Eilendiamin Modifiye Edilmiş PE PP Dokumasız Kumaş Fiberlerle Sulu Çözeltilerden Kadmiyum İyonlarının Uzaklaştırılması**  
TİLKİ S., KAVAKLI C., AKKAŞ KAVAKLI P.  
1. ULUSLARARASI LİF VE POLİMER ARAŞTIRMALARI SEMPOZYUMU, Turkey, 13 - 14 May 2016
- XLV. **WEAK BASE ANION EXCHANGE NONWOVEN FIBERS FOR As V ADSORPTION FROM AQUEOUS SOLUTIONS**  
KAVAKLI C., TİLKİ S., AKKAŞ KAVAKLI P.  
EUROANALYSIS XVIII, BORDO, France, 6 - 10 September 2015
- XLVI. **Removal of Se VI from Aqueous Solutions using Quaternized 4 Vinylpyridine Polymeric Adsorbent**  
AKKAŞ KAVAKLI P., BURCU O., KAVAKLI C.  
EUROANALYSIS XVIII, BORDO, France, 6 - 10 September 2015
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EUROANALYSIS XVIII, BORDO, France, 6 - 10 September 2015

## Supported Projects

- AKKAŞ KAVAKLI P., KAVAKLI C., KORPAYEV S., Project Supported by Higher Education Institutions, Plazma Tekniği Kullanılarak Glisidil Metakrilat Aşıl原因mış Etilen Diamin ile Modifiye Edilmiş Dokumasız Pamuk Kumaşların Hazırlanması ve AsV Uzaklaştırılmasında Kullanılması, 2016 - 2021
- AKKAŞ KAVAKLI P., KAVAKLI C., KUMAN M., Project Supported by Higher Education Institutions, Amidoksim Grubu İçeren Pamuk Kumaşların Aşı Polimerizasyonu ile Hazırlanması ve Karakterizasyonu, 2018 - 2019
- AKKAŞ KAVAKLI P., Project Supported by Higher Education Institutions, EUROANALYSIS 2017 (European Conference in Analytical Chemistry) sempozyumu, 2017 - 2018
- AKKAŞ KAVAKLI P., Project Supported by Higher Education Institutions, Çevresel Uygulamalar İçin Fonksiyonel Aşıl原因mış Dokumasız Tekstil Adsorbentler, 2017 - 2017
- AKKAŞ KAVAKLI P., KAVAKLI C., OKYAY B., TİLKİ S., Project Supported by Higher Education Institutions, Cu(II) Yüklenmiş Polimerik Ligand Değişirici Kullanılarak Cr(VI) İyonlarının Uzaklaştırılması, 2016 - 2016
- KAVAKLI C., TİLKİ S., GÖKOĞLU E., AKKAŞ KAVAKLI P., Project Supported by Higher Education Institutions, Etilendiamin Fonksiyonel Gruplarını İçeren Polimerik Adsorbent Hazırlanması ve As(V) İyonlarının Adsorpsiyon Özelliklerinin

İncelenmesi, 2015 - 2016

AKKAŞ KAVAKLI P., Project Supported by Higher Education Institutions, Çevresel Uygulamalarda Kullanılacak Glisidil metakrilat Aşılınmış 4-amino-1,2,4-Triazol ile Modifiye Edilmiş Dokumasız Kumaşların Hazırlanması ve Karakterizasyonu, 2015 - 2016

AKKAŞ KAVAKLI P., Project Supported by Higher Education Institutions, Endüstriyel Atık Sularda Bulunan Siyanür ve Arsenik Türünden Zehirli Anyonların Uzaklaştırılması için Plazma ile Modifiye edilmiş polimerik Adsorbentlerin Geliştirilmesi, 2011 - 2016

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## **Metrics**

Publication: 76

Citation (WoS): 516

Citation (Scopus): 444

H-Index (WoS): 14

H-Index (Scopus): 12

## **Non Academic Experience**

Hacettepe Üniversitesi