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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Inonu University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, Turkey 2011 - 2017

Postgraduate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, Turkey 2008 - 2010

Undergraduate, Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2003 - 2007

Dissertations

Doctorate, HOMOJEN KATALİZÖRLERİN HETEROJENLEŞTİRİLMESİ VE ÖZELLİKLERİNİN İNCELENMESİ, Inonu University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, 2017

Postgraduate, Çapraz Bağlı Anyonik Poliakrilamid Hidrojellerinin Sentezi, Karakterizasyonu ve Boyar Madde ile Etkileşimlerinin İncelenmesi , Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, 2010

Research Areas

Chemical Engineering and Technology, Chemical Technologies, Polymer Technology, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Inonu University, Mühendislik Fakültesi, Biyomedikal Mühendisliği, 2019 - Continues

Research Assistant PhD, Inonu University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, 2011 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- Modeling the effect of physical crosslinking degree of pH and temperature responsive poly(NIPAAm-co-VSA)/alginate IPN hydrogels on drug release behavior**
Balan K. E., BOZTEPE C., Kuenkuel A.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.75, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- Comparison of Antimicrobial Activity of Aloe vera oil own and loaded into Hydrogel**

BİLENLER T., BOZTEPE C., TOSUN E.

3.International Conference on Agriculture,Food, Veterinary and Pharmacy Sciences, 16 - 18 April 2019

- II. **Poli(AAm-AAc) Hidrojellerinin Sulu Çözeltilerden Bakır Gideriminin İncelenmesi**
BOZTEPE C., TOSUN E., KÜNKÜL A., BAYSAR A.
International Symposium on Urban Water and Wastewater Management, 25 - 27 October 2018
- III. **Asidik Boyaların poli(AkrilamitVinilimidazol) Hidrojel Kullanılarak Atık Sulardan Giderimi**
TOSUN E., BOZTEPE C., BAYSAR A., KÜNKÜL A.
International Symposium on Urban Water and Wastewater Management, 25 - 27 October 2018
- IV. **Modeling the Doxorubicin Release Kinetic of pH- and Temperature Responsive Poly(NiPAAm-AAc) IPN Hydrogel**
BOZTEPE C., YÜCEER A. M.
International Conference on Physical Chemistry and Functional Materials (PCFM'18), 19 - 21 June 2018
- V. **Modelling of Biochemical Oxygen Demand on a Wastewater Treatment Plant by Using Artificial Neural Networks**
TOSUN E., BOZTEPE C., KARAKAPLAN N., YÜCEER A. M.
2ndInternational Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1692-1695
- VI. **Riboflavin release from Interpenetrated network Poly(AAm-AAc) hydrogel and release data modeling by using response surface methology and artifiaci neural network**
SANOGO B., BOZTEPE C., YÜCEER A. M.
46th World polymer congress, MACRO 2106, İstanbul, Turkey, 17 July 2016 - 21 July 2017
- VII. **Poli (AAM-VI-AMPS) Hidrojellerinin Boyar Madde Adsorpsiyon Özelliklerinin İncelenmesi**
BOZTEPE C., KÜNKÜL A., YÜCEER A. M.
International Symposium of Water and Wastewater Management (ISWWM), Malatya, Turkey, 26 - 28 October 2016
- VIII. **Heterogenization of homogeneous NHC-Pd(II)-Pyridine catalytic systems via radical polymerization: Catalytic activities for Suzuki-Miyaura coupling reactions**
BOZTEPE C., KABASAKAL O. S., ŞÖLENER M.
46th World polymer congress, MACRO 2106, İstanbul, Turkey, 17 - 21 July 2016
- IX. **Release of Riboflavin from Interpenetrated Network Poly NIPAAm co AAc Hydrogel and Release Kinetic Studies**
Brahma S., Boztepe C., Künkül A., Yüceer A. M.
46th IUPAC WORLD POLYMER CONGRESS (MACRO 2016), İstanbul, Turkey, 17 - 21 July 2016
- X. **Sythesis of hydrogel supported NHC-Pd(II)-Pyridine Catalytic systems and Suzuki-Miyaura coupling reaction kinetics.**
BOZTEPE C., KABASAKAL O. S., ŞÖLENER M.
46th World polymer congress, MACRO 2106, İstanbul, Turkey, 17 - 21 July 2016
- XI. **Release of riboflavin from interpenetrated Network Poly(AAm-AAc) hydrogel and release kinetic studies**
SANOGO B., BOZTEPE C., YÜCEER A. M., KÜNKÜL A.
46th World polymer congress, MACRO 2106, İstanbul, Turkey, 17 - 21 July 2016
- XII. **Riboflavin Release from Interpenetrated Network Poly NIPAAm co AAc Hydrogel and Release Data Modeling by using Response Surface Methodology and Artificial Neural Networks**
BRAHIMA S., BOZTEPE C., YÜCEER A. M.
46th IUPAC WORLD POLYMER CONGRESS (MACRO 2016), İstanbul, Turkey, 17 - 21 July 2016
- XIII. **Synthesis of Hydrogel Supported NHC Pd II Catalytic Sysyems and Suzuki Miyaura Coupling Reactions Kinetics**
BOZTEPE C., YAŞAR S., KÜNKÜL A., ÖZDEMİR İ.
46th IUPAC World Polymer Congress (MACRO 2016), 17 - 21 July 2016
- XIV. **Heterogenization of Homogenous NHC-Pd(II)-Pyridine Catalytic Systems via Radical polymerization: Catalytic Activities for Suzuki-Miyaura Coupling Reactions**

- Boztepe C., ÖZDEMİR İ., Künkül A., GÜRBÜZ N.
46th IUPAC World Polymer Congress (MACRO 2016), İstanbul, Turkey, 17 - 21 July 2016
- XV. **Heterogenization of Homogenous NHC-Pd(II)-Pyridine Catalytic Systems via Radical polymerization: Catalytic Activities for Suzuki-Miyaura Coupling Reactions**
Boztepe C., ÖZDEMİR İ., Künkül A., GÜRBÜZ N.
46th IUPAC World Polymer Congress (MACRO 2016), İstanbul, Turkey, 17 - 21 July 2016
- XVI. **Adsorption Kinetics of the Removal of Methylene Blue from Aqueous solution by use anionic polymer**
BOZTEPE C., KABASAKAL O. S., ŞÖLENER M.
6th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries, Antalya, Turkey, 07 March 2010 - 12 March 2016
- XVII. **Methylene Blue Removal from Aqueous Solutions by Using Anionic Crosslinked Polymers**
BOZTEPE C., KABASAKAL O. S., ŞÖLENER M.
6th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries, Antalya, Turkey, 07 March 2010 - 12 March 2016
- XVIII. **Swelling Kinetic Models for Ionic Acrylamide Hydrogels**
BOZTEPE C., KABASAKAL O. S., ŞÖLENER M.
6th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries, Antalya, Turkey, 07 March 2010 - 12 March 2016
- XIX. **MODELING OF DESWELLING BEHAVIORS OF PH AND TEMPERATURE SENSITIVE POLY N ISOPROPYL ACRYLAMIDE ACRYLIC ACID INTERPENETRATING HYDROGELS BY ARTIFICIAL INTELLIGENCE SYSTEM**
BOZTEPE C., YÜCEER A. M., KÜNKÜL A.
3RD INTERNATIONAL CHEMICAL ENGINEERING AND CHEMICAL TECHNOLOGIES CONFERENCE PROCEEDINGS, İstanbul, Turkey, 30 November - 01 December 2015, pp.168
- XX. **THE CATALYTIC ACTIVITIES OF SOME NOVEL POLYMERIC NHC PD HYDROGEL SYSTEMS**
BOZTEPE C., KÜNKÜL A., ÖZDEMİR İ., GÜRBÜZ N.
3RD INTERNATIONAL CHEMICAL ENGINEERING AND CHEMICAL TECHNOLOGIES CONFERENCE PROCEEDINGS, İstanbul, Turkey, 30 November - 01 December 2015, pp.171
- XXI. **HYDROGEL SUPPORTED NHC PD CATALYST SYSTEMS FOR THE SUZUKI REACTION**
BOZTEPE C., KÜNKÜL A., ÖZDEMİR İ., GÜRBÜZ N.
3RD INTERNATIONAL CHEMICAL ENGINEERING AND CHEMICAL TECHNOLOGIES CONFERENCE PROCEEDINGS, İstanbul, Turkey, 30 November - 01 December 2015, pp.170
- XXII. **The Synthesis, Characterization and Investigation of Antimicrobial Inhibition Kinetics of Acrylamide Based Hydrogel-Silver Nanocomposite System**
BOZTEPE C., TOSUN E., BİLENLER T., ŞİŞLİOĞLU K.
3rd International Chemical Engineering and Chemical Technologies Conference, İstanbul, Turkey, 30 November - 02 December 2015, pp.169
- XXIII. **The Synthesis, Characterization and Investigation of Antimicrobial Inhibition Kinetics of Acrylamide Based Hydrogel-Silver Nanocomposite System**
BOZTEPE C., TOSUN E., BİLENLER T., ŞİŞLİOĞLU K.
3rd International Chemical Engineering and Chemical Technologies Conference, İstanbul, Turkey, 30 November - 02 December 2015, pp.169
- XXIV. **Poli(AAm-co-AMPS) Hidrojellerinin Şişme Davranışlarının Yapay Sinir Ağları ile Modellenmesi**
BOZTEPE C., ŞÖLENER M., YÜCEER A. M., KÜNKÜL A.
11. Ulusal Kimya Mühendisliği Kongresi (UKMK-11), Eskişehir, Turkey, 2 - 05 September 2014
- XXV. **Malatya Beylerderesi Akarsuyunun Modellemesi ve Benzetimi**
YÜCEER A. M., ÇOŞKUN M. A., BOZTEPE C.
11. Ulusal Kimya Mühendisliği Kongresi (UKMK-11), Eskişehir, Turkey, 2 - 05 September 2014
- XXVI. **Hidrojel-Gümüş Kompozit Sistemlerin Hazırlanması ve Antimikrobiyal Özelliklerinin İncelenmesi**
Brahima S., BOZTEPE C., BİLENLER T., ŞİŞLİOĞLU K., TOSUN E.

11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014, pp.14-15
- XXVII. **Malatya Beylerderesi Akarsuyunun Modellemesi ve Benzetimi**
YÜCEER A. M., ÇOŞKUN M. A., BOZTEPE C.
11. Ulusal Kimya Mühendisliği, Eskişehir, Turkey, 2 - 05 September 2014, pp.1
- XXVIII. **Malatya Beylerderesi Akarsuyunun Modellemesi ve Benzetimi**
YÜCEER A. M., ÇOŞKUN M. A., BOZTEPE C.
11. Ulusal Kimya Mühendisliği, Eskişehir, Turkey, 2 - 05 September 2014, pp.1
- XXIX. **Hidrojel-Gümüş Kompozit Sistemlerin Hazırlanması ve Antimikrobiyal Özelliklerinin İncelenmesi**
Brahima S., BOZTEPE C., BİLENLER T., ŞİŞLİOĞLU K., TOSUN E.
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014, pp.14-15
- XXX. **Modeling of River Water Quality in River Streams: A Case Study of Beylerderesi River in Malatya-Turkey**
BOZTEPE C., KABASAKAL O. S., ŞÖLENER M.
International Conference on Environmental Science and Technology, Nevşehir, Turkey, 18 - 21 June 2013
- XXXI. **Modeling of River Water Quality in River Streams: A Case Study of Beylerderesi River in Malatya-Turkey**
YÜCEER A. M., ÇOŞKUN M. A., BOZTEPE C.
International Conference on Environmental Science and Technology (Cappadocia-2013), Nevşehir, Turkey, 18 - 21 June 2013

Supported Projects

Gürbüz N., Boztepe C., TUBITAK Project, N-Heterosiklik Karben-Palladyum Komplekslerinin Heterojenizasyonu ve Katalitik Aktivitelerinin İncelenmesi, 2017 - 2018

Metrics

Publication: 43
Citation (WoS): 84
Citation (Scopus): 45
H-Index (WoS): 6
H-Index (Scopus): 4

Congress and Symposium Activities

Modelling of Biochemical Oxygen Demand in a Wastewater Treatment Plant by Using Artificial Neural Networks, Attendee, Adana, Turkey, 2017

Hidrojellerinin Boyar Madde Adsorpsiyon Özelliklerinin İncelenmesi, Attendee, Turkey, 2016

Riboflavin release from Interpenetrated network Poly(AAm-AAc) hydrogel and release data modeling by using response surface methology and artifiaicl neural network, Attendee, İstanbul, Turkey, 2016

Synthesis of hydrogel supported NHC-Pd(II)-Pyridine Catalytic systems and Suzuki-Miyaura coupling reaction kinetics, Attendee, Turkey, 2016

Release of riboflavin from interpenetrated Network Poly(AAm-AAc) hydrogel and release kinetic studies, Attendee, Turkey, 2016

Heterogenization of homogeneous NHC-Pd(II)-Pyridine catalytic systems via radical polymerization: Catalytic activities for Suzuki-Miyaura coupling reactions, Attendee, Turkey, 2016

Modeling Of Deswelling Behaviors Of Ph And Temperature Sensitive Poly N Isopropyl Acrylamide Acrylic Acid Interpenetrating Hydrogels By Artificial Intelligence System, Attendee, Turkey, 2015

The Catalytic Activities Of Some Novelpolymeric Nhc-Pd-Hydrogel Systems, Attendee, İstanbul, Turkey, 2015

Pd-NHC Komplekslerinin Heterojenizasyonu ve Katalitik Özelliklerinin İncelenmesi, Attendee, Mersin, Turkey, 2015

The Synthesis Characterization Andinvestigation Of Antimicrobial Inhibitionkinetics Of Acrylamide Based Hydrogel silver nanocomposite System, Attendee, Turkey, 2015

Hydrogel Supported NHC-Pd-Catalyst systems For The Suzuki Reaction, Attendee, Turkey, 2015

Poli(AAm-co- AMPS) Hidrojenlerinin Şişme Davranışlarının Yapay Sinir Ağları ile Modellenmesi, Attendee, Turkey, 2014

Manyetik Alana Duyarlı Akrilamid Esaslı Anyonik Hidrojellerin Sentezlenmesi ve Boyar Madde Adsorpsiyon Kinetiginin İncelenmesi, Attendee, Eskişehir, Turkey, 2014

Hidrojel-Gümüş Kompozit Sistemlerin Hazırlanması ve Antimikrobiyal Özelliklerinin İncelenmesi, Attendee, Turkey, 2014

Malatya Beylerderesi Akarsuyunun Modellemesi ve Benzetimi, Attendee, Eskişehir, Turkey, 2014

Sıcaklık Ve Ph' A Duyarlı Hidrojellerin Sentezlenmesi ve Şişme Davranışlarının İncelenmesi, Attendee, Turkey, 2014

Modeling Of River Water Quality İn River Streams: A Case Study Of Beylerderesi River İn Malatya-Turkey, Attendee, Nevşehir, Turkey, 2013

Methylene Blue Removal From Aqueous Solutions by Using Anionic Crosslinked Polymers, Attendee, Antalya, Turkey, 2010

Adsorption Kinetics Of The Removel Of Methylene Blue From Aqueous Solution By use anionic polymer, Attendee, Turkey, 2010

Swelling Kinetic Models For Ionic Acrylamide Hydrogels, Attendee, Turkey, 2010