

Asst. Prof. EMİR TOSUN

Personal Information

Office Phone: [+90 422 377 4750](tel:+904223774750)

Fax Phone: [+90 422 341 0046](tel:+904223410046)

Email: emir.tosun@inonu.edu.tr

Other Email: tosunemir@gmail.com

Web: <https://emir.tosun@inonu.edu.tr>



International Researcher IDs

ORCID: 0000-0002-2555-1840

Publons / Web Of Science ResearcherID: S-5125-2018

ScopusID: 56168381700

Yoksis Researcher ID: 48790

Education Information

Doctorate, Inonu University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2009 - 2016

Postgraduate, Inonu University, Eczacılık Fakültesi, Analitik Kimya , Turkey 2006 - 2009

Undergraduate, Inonu University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2000 - 2004

Dissertations

Doctorate, Ecballium elaterium (L.) A. Rich.'DEN İZOLE EDİLEN KUKURBİTASINLARIN HÜCRE PROLİFERASYONU VE TELOMERAZ AKTİVİTESİ ÜZERİNE ETKİSİNİN ARAŞTIRILMASI, Inonu University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, 2016

Postgraduate, HASTALIK TEDAVİSİNDE KULLANILAN BAZI MEYVE VE SEBZELERİN DOKULARINDA ESER ELEMENT VE MİNERAL TAYİNİ, Inonu University, Sağlık Bilimleri Enstitüsü, Analitik Kimya , 2009

Research Areas

Chemical Engineering and Technology, Biotechnology, Biochemical Reaction Engineering, Bioprocess Separation Processes, Process and Reactor Design, Chemical Reaction Engineering, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Inonu University, Mühendislik Fakültesi, Kimya Mühendisliği, 2017 - Continues

Research Assistant PhD, Inonu University, Mühendislik Fakültesi, Kimya Mühendisliği, 2016 - Continues

Research Assistant, Inonu University, Mühendislik Fakültesi, Kimya Mühendisliği, 2007 - 2016

Academic and Administrative Experience

Deputy Head of Department, Inonu University, Mühendislik Fakültesi, Kimya Mühendisliği, 2017 - Continues

Courses

Mass Transfer, Undergraduate, 2018 - 2019
KİMYA MÜHENDİSLİĞİ LABORATUARI 2, Undergraduate, 2018-2019
KİMYA MÜHENDİSLİĞİ LABORATUARI 1, Undergraduate, 2018-2019
Kimya Mühendisliğinde Analitik ve Nümerik Yöntemler, Undergraduate Double Major, 2018-2019
Kütle Transferi, Undergraduate, 2018-2019
MATEMATİKSEL MODELLEME, Undergraduate, 2018-2019
Bilgisayar Programlama, Undergraduate, 2018-2019
Proses Tasarımı 2, Undergraduate, 2018-2019
Proses Tasarımı 1, Undergraduate, 2018-2019
Matematiksel Modelleme, Undergraduate, 2017-2018
Genel Kimya Laboratuvarı, Undergraduate, 2013-2014
Kimya Mühendisliği Laboratuvarı 1, Undergraduate, 2013-2014
Kimya Mühendisliği Laboratuvarı 2, Undergraduate, 2013-2014
Kimya Mühendisliği Laboratuvarı 1, Undergraduate, 2012-2013
Genel Kimya Laboratuvarı, Undergraduate, 2012-2013
Kimya Mühendisliği Laboratuvarı 2, Undergraduate, 2012-2013
Kimya Mühendisliği Laboratuvarı 2, Undergraduate, 2011-2012
Kimya Mühendisliği Laboratuvarı 1, Undergraduate, 2011-2012
Genel Kimya Laboratuvarı, Undergraduate, 2011-2012
Kimya Mühendisliği Laboratuvarı 2, Undergraduate, 2010-2011
Kimya Mühendisliği Laboratuvarı 1, Undergraduate, 2010-2011
Genel Kimya Laboratuvarı, Undergraduate, 2010-2011
Kimya Mühendisliği Laboratuvarı 1, Undergraduate, 2009-2010
Genel Kimya Laboratuvarı, Undergraduate, 2009-2010

Advising Theses

Tosun E., Investigation of antimicrobial activity achievement to the textile material by applying encapsulated Eucalyptus essential oil, , Postgraduate, B.Ertuğrul(Student), Continues

Jury Memberships

Post Graduate, Post Graduate, İnönü Üniversitesi, June, 2019
Post Graduate, Post Graduate, İnönü Üniversitesi, May, 2019
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İnönü Üniversitesi, June, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Cucurbitacin I exhibits anticancer efficacy through induction of apoptosis and modulation of JAK/STAT3, MAPK/ERK, and AKT/mTOR signaling pathways in HepG2 cell line**
ÜREMİŞ N., ÜREMİŞ M. M., ÇİĞREMİŞ Y., TOSUN E., BAYSAR A., TÜRKÖZ Y.
JOURNAL OF FOOD BIOCHEMISTRY, vol.46, no.10, 2022 (SCI-Expanded)
- II. **Cucurbitacin D Inhibits the Proliferation of HepG2 Cells and Induces Apoptosis by Modulating JAK/STAT3, PI3K/Akt/mTOR and MAPK Signaling Pathways**
ÜREMİŞ M. M., ÜREMİŞ N., TOSUN E., Durhan M., ÇİĞREMİŞ Y., BAYSAR A., TÜRKÖZ Y.
CURRENT CANCER DRUG TARGETS, vol.22, no.11, pp.931-944, 2022 (SCI-Expanded)

- III. **Kinetic and artificial neural network modeling techniques to predict the drying kinetics of *Mentha spicata* L.**
Karakaplan N., GÖZ E., TOSUN E., Yuceer M.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.43, no.10, 2019 (SCI-Expanded)
- IV. **ISOLATION AND PURIFICATION OF CUCURBITACIN D AND I FROM ECBALLIUM ELATERIUM (L.) A. RICH FRUIT JUICE**
TOSUN E., BAYSAR A.
MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, vol.38, no.2, pp.171-182, 2019 (SCI-Expanded)
- V. **Cytotoxic Effects of Cucurbitacin I and Ecballium elaterium on Breast Cancer Cells**
Yilmaz K., Karakuş F., Eyol E., TOSUN E., YILMAZ İ., ÜNÜVAR S.
NATURAL PRODUCT COMMUNICATIONS, vol.13, no.11, pp.1445-1448, 2018 (SCI-Expanded)
- VI. **Synthesis and characterization of acrylamide-based copolymeric hydrogel-silver composites: Antimicrobial activities and inhibition kinetics against E-coli**
BOZTEPE C., TOSUN E., BİLENLER T., ŞİŞLIOĞLU K.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.66, no.18, pp.934-942, 2017 (SCI-Expanded)
- VII. **Isolation and purification of Anticancer Agents Cucurbitacin D and I by HPLC from Ecballium Elaterium L A Rich**
TOSUN E., BAYSAR A.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, 2016 (SCI-Expanded)
- VIII. **Growth inhibitory effects of Cucurbitacin I on breast cancer cells**
Yilmaz K., Karakuş F., TOSUN E., Eyol E.
ANTI-CANCER DRUGS, vol.26, 2015 (SCI-Expanded)
- IX. **Growth inhibitory effects of Cucurbitacin I on breast cancer cells**
Yilmaz K., Karakuş F., TOSUN E., Eyol E.
ANTI-CANCER DRUGS, vol.26, 2015 (SCI-Expanded)
- X. **Mineral Composition of Some Fruit, Fruit Tissue and Leafy Vegetables Consumed for Medicinal Purpose in Malatya, Turkey**
KÜÇÜKBAY F., TOSUN E.
ASIAN JOURNAL OF CHEMISTRY, vol.26, no.10, pp.2827-2833, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of microwave power on drying behavior and essential oil yield of microwave dried *Eucalyptus camaldulensis* Dehnh. leaves**
ŞENGÜL B. E., TOSUN E.
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.28, no.7, pp.963-970, 2022 (Peer-Reviewed Journal)
- II. **Removal of acid dyes from wastewater using poly(acrylamide-vinylimidazole) hydrogel**
TOSUN E., BOZTEPE C., BAYSAR A., KÜNKÜL A.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGISI, vol.25, no.8, pp.914-921, 2019 (ESCI)
- III. **Inhibition of Telomerase Activity by Cucurbitacin I in Colon Cancer Cell Line, LS174T**
TOSUN E., BAYSAR A.
Proceedings, vol.1, no.10, pp.1017, 2017 (Peer-Reviewed Journal)
- IV. **Effect of Cucurbitacin I on Proliferation and Migration in Colorectal Cancer Cell Line, LS174T**
TOSUN E., BAYSAR A.
Proceedings, vol.1, no.10, pp.1018, 2017 (Peer-Reviewed Journal)
- V. **Sulu Çözeltilerden Lewatit S-108 Katyon Değişim Reçinesiyle Bakır İyonlarının Adsorpsiyonu**
TOSUN E., TANAYDIN M. K., TURHAN ÖZDEMİR G. D., DEMİRKIRAN N.

Refereed Congress / Symposium Publications in Proceedings

- I. **Antiproliferative Effect of Cucurbitacin I on Cancer Cells-Growth Kinetic Evaluation**
TOSUN E., BAYSAR A.
International Science, Mathematics and Engineering Sciences Congress, 8 - 10 November 2019
- II. **Determination of the Best Suitable Thin-Layer Drying Model for Infrared Dried Mentha Species Using Graphical User Interface-PEDKIM**
Şengül B. E., TOSUN E., YÜCEER A. M.
HEZARFEN International Congress of Science, Mathematics and Engineering Sciences, İzmir, Turkey, 8 November - 10 December 2019, pp.1
- III. **Kekik Uçucu Yağının Standart Antimikrobiyal (Tetrasiklin) ile Etkileşim Şeklinin Belirlenmesi**
BİLENLER T., TOSUN E.
3.International Conference on Agriculture,Food, Veterinary and Pharmacy Sciences, 16 - 18 April 2019
- IV. **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
- V. **Determination of Antimicrobial Activity of Essential Oil of Mentha x piperita L.**
Tosun E., Bilenler T., Yüceer A. M.
International Conference on Agriculture, Forest, Food, Veterinary Sciences and Technologies, İzmir, Turkey, 2 - 05 April 2018, pp.246
- VI. **Green Sythesis and Antibacterial Effect of Silver Nanoparticles**
TOSUN E., BİLENLER T.
International Conference on Physical Chemistry and Functional Materials, Elazığ, Turkey, 19 - 21 June 2018, pp.182
- VII. **Chemical composition of Essential Oil of Mentha x piperita L. Grown in Malatya, Turkey.**
TOSUN E., BİLENLER T., YÜCEER A. M.
International Conference on Agriculture, Forest, Food, Veterinary Sciences and Technologies, İzmir, Turkey, 2 - 05 April 2018, pp.247
- VIII. **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
- IX. **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
- X. **Karakaya Baraj Gölünün Bazı Fizikokimyasal Su Kalite Parametrelerinin İncelenmesi**
YÜCEER A. M., ÖZDEMİR Ö., TOSUN E., DİNÇER F. E., ALBER A. İ., FIRAT M.
International Symposium on Urban Water and Wastewater Management (UKSAY-2018), 25 - 27 October 2018, pp.216-223
- XI. **Detoxification of formaldehyde in wastewaters**
yiğit e., BAYSAR A., TOSUN E.
International Conference on Innovative Engineering Applications, Sivas, Turkey, 20 - 22 September 2018, pp.423-427
- XII. **EFFECT OF DRYING METHODS ON ESSENTIAL OIL CONTENT AND COMPOSITION OF Mentha spicata L.**
KARAKAPLAN N., TOSUN E., YÜCEER A. M.
INTERNATIONAL SYMPOSIUM ON MEDICINAL, AROMATIC AND DYE PLANTS, Malatya, Turkey, 5 - 07 October 2017, pp.117
- XIII. **A GRAPHICAL USER INTERFACE FOR PARAMETER ESTIMATION IN DRYING MODELS - PEDKiM**
TOSUN E., KARAKAPLAN N., YÜCEER A. M.
INTERNATIONAL SYMPOSIUM ON MEDICINAL, AROMATIC AND DYE PLANTS, Malatya, Turkey, 5 - 07 October

2017, pp.137

- XIV. **Inhibition of Telomerase Activity by Cucurbitacin in Colon Cancer Cell Line, LS174T**
TOSUN E., BAYSAR A.
2nd International Conference on Natural Products for Cancer Prevention and Therapy, Kayseri, 8 - 11 November 2017
- XV. **Modelling of Biochemical Oxygen Demand on a Wastewater Treatment Plant by Using Artificial Neural Networks**
TOSUN E., BOZTEPE C., KARAKAPLAN N., YÜCEER A. M.
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1692-1695
- XVI. **A Kinetic Study of the Growth Inhibition of Cancer Cells-Dependent of Anticancer Agent Presence**
TOSUN E., BAYSAR A.
2nd International Mediterranean Science and Engineering Congress, 25 - 27 October 2017
- XVII. **Application of Shrinking Core Model for Copper Removal from Aqueous Solution by Lewatit S-108 Resin**
TOSUN E., TANAYDIN M. K., TURHAN ÖZDEMİR G. D., DEMİRKİRAN N.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1-10
- XVIII. **Breakthrough Curve Study and Modeling for the Removal of Copper from Aqueous Solution in a Fixed Bed Column**
TOSUN E., TANAYDIN M. K., TURHAN ÖZDEMİR G. D., DEMİRKİRAN N.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1-10
- XIX. **Breakthrough Curve Study and Modeling for the Removal of Copper from Aqueous Solution in a Fixed Bed Column**
TOSUN E., TANAYDIN M. K., TURHAN ÖZDEMİR G. D., DEMİRKİRAN N.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1-10
- XX. **Breakthrough Curve Study and Modeling for the Removal of Copper from Aqueous Solution in a Fixed Bed Column**
TOSUN E., TANAYDIN M. K., TURHAN ÖZDEMİR G. D., DEMİRKİRAN N.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1-10
- XXI. **Application of Shrinking Core Model for Copper Removal from Aqueous Solution by Lewatit S-108 Resin**
TOSUN E., TANAYDIN M. K., TURHAN ÖZDEMİR G. D., DEMİRKİRAN N.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1-10
- XXII. **Application of Shrinking Core Model for Copper Removal from Aqueous Solution by Lewatit S-108 Resin**
TOSUN E., TANAYDIN M. K., TURHAN ÖZDEMİR G. D., DEMİRKİRAN N.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1-10
- XXIII. **Sarı Kantaron Hypericum Perforatum L Uçucu Yağının Ticari Kreme Katılması Suretiyle Antimikrobiyal Aktivitesinin Araştırılması**
KARAKAPLAN N., BİLENLER T., TOSUN E., YÜCEER A. M.
12. Ulusal Kimya Mühendisliği Kongresi (UKMK-2016), İzmir, Turkey, 23 - 26 August 2016
- XXIV. **Nane (Mentha Piperita) Bitkisinin Farklı Yöntemlerle Kurutulmasında Kurutma Kinetiğinin İncelenmesi**
KARAKAPLAN N., TOSUN E., YÜCEER A. M.
12. Ulusal Kimya Mühendisliği Kongresi (UKMK-2016), İzmir, Turkey, 23 - 26 August 2016
- XXV. **Sarı Kantaron (Hypericum perforatum L.) Uçucu Yağının Ticari Kreme Katılması Suretiyle Antimikrobiyal Aktivitesinin Araştırılması**
Gök F., Karakaplan N., BİLENLER T., TOSUN E., YÜCEER A. M.
12. Ulusal Kimya Mühendisliği Kongresi, İzmir, Turkey, 23 - 26 August 2016, pp.167
- XXVI. **Sarı Kantaron (Hypericum perforatum L.) Uçucu Yağının Ticari Kreme Katılması Suretiyle Antimikrobiyal Aktivitesinin Araştırılması**

- Gök F., Karakaplan N., BİLENLER T., TOSUN E., YÜCEER A. M.
12. Ulusal Kimya Mühendisliği Kongresi, İzmir, Turkey, 23 - 26 August 2016, pp.167
- XXVII. **Nane (*Mentha Piperita*) Bitkisinin Farklı Yöntemlerle Kurutulmasında Kurutma Kinetiğinin İncelenmesi**
Karakaplan N., TOSUN E., YÜCEER A. M.
12. Ulusal Kimya Mühendisliği Kongresi, İzmir, Turkey, 23 - 26 August 2016, pp.715-725
- XXVIII. **Nane (*Mentha Piperita*) Bitkisinin Farklı Yöntemlerle Kurutulmasında Kurutma Kinetiğinin İncelenmesi**
Karakaplan N., TOSUN E., YÜCEER A. M.
12. Ulusal Kimya Mühendisliği Kongresi, İzmir, Turkey, 23 - 26 August 2016, pp.1-10
- XXIX. **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
- XXX. **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
- XXXI. **Antiproliferative Potential of *Pistacia terebinthus* L. on Breast Cancer Cell Lines**
İÇEN M. S., Karakuş F., TOSUN E., Yılmaz K.
International Gazi Pharma Symposium, Antalya, Turkey, 12 - 15 November 2015, pp.172
- XXXII. **Cytotoxic Effect of CAPE on Breast Cancer MCF-7 and MDA-MB-231 Cells**
Karakuş F., TOSUN E., Yılmaz K., Eyol E.
International Gazi Pharma Symposium, Antalya, Turkey, 12 - 15 November 2015, pp.126
- XXXIII. **Cucurbitacin D; Natural compound that has an inhibitory effect on cancer cell growth**
TOSUN E., BAYSAR A., Eyol E.
International Multidisciplinary Symposium on Drug Research and Development, Eskişehir, Turkey, 15 - 17 October 2015, pp.120
- XXXIV. **Effect of acetazolamide on colon cancer cells**
Karakuş F., TOSUN E., Yılmaz K., Eyol E.
International Multidisciplinary Symposium on Drug Research and Development, Eskişehir, Turkey, 15 - 17 October 2015, pp.121
- XXXV. **Cucurbitacin D; Natural compound that has an inhibitory effect on cancer cell growth**
TOSUN E., BAYSAR A., Eyol E.
International Multidisciplinary Symposium on Drug Research and Development, Eskişehir, Turkey, 15 - 17 October 2015, pp.120
- XXXVI. ***Ecballium elaterium* L. Ekstraktlarının Göğüs Kanseri Hücreleri Üzerine Etkisi**
Yılmaz K., TOSUN E., Karakuş F., Eyol E.
3. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 20 - 22 March 2015, pp.354
- XXXVII. **Kukurbitasin I'nın Kolon Kanseri Hücreleri Üzerine Etkisi**
TOSUN E., BAYSAR A., Eyol E.
3. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 20 - 22 March 2015, pp.353
- XXXVIII. **Kukurbitasin I'nın Kolon Kanseri Hücreleri Üzerine Etkisi**
TOSUN E., BAYSAR A., Eyol E.
3. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 20 - 22 March 2015, pp.353
- XXXIX. **Lewatit S 108 Katyon Değişim Reçinesiyle Sulu Çözeltilerden Bakır İyonlarının Adsorpsiyon Kinetiği**
TOSUN E., TANAYDIN M. K., TURHAN ÖZDEMİR G. D., DEMİRKIRAN N.
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014, pp.150-151
- XL. **Lewatit S 108 Katyon Değişim Reçinesiyle Sulu Çözeltilerden Bakır İyonlarının Adsorpsiyon Kinetiği**

- TOSUN E., TANAYDIN M. K., TURHAN ÖZDEMİR G. D., DEMİRKIRAN N.
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014, pp.150-151
- XLII. **Lewatit S 108 Katyon Değişim Reçinesiyle Sulu Çözeltilerden Bakır İyonlarının Adsorpsiyon Kinetiği**
TOSUN E., TANAYDIN M. K., TURHAN ÖZDEMİR G. D., DEMİRKIRAN N.
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014, pp.150-151
- XLIII. **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
- XLIV. **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
- XLV. **Kukurbitasin I'nın Karaciğere Metastaz Yapan Rat Kolon Kanseri Hücreleri Üzerine Etkisi**
TOSUN E., BAYSAR A., TÜRKÖZ Y., EYOL E.
IV. Ulusal Veteriner Farmakoloji ve Toksikoloji Kongresi, Turkey, 11 September 2013
- XLVI. **Copper Removal from Aqueous Solution by Lewatit**
TOSUN E., TANAYDIN M. K., DEMİRKIRAN N.
6th Black Sea Basin Conference on Analytical Chemistry, Trabzon, Turkey, 10 - 14 September 2013, pp.226
- XLVII. **Determination of Trace Elements of Prunus avium L. (Pulp, Bark, Stalk and Glue)**
TOSUN E., KÜÇÜKBAY F.
6th Black Sea Basin Conference on Analytical Chemistry, Trabzon, Turkey, 10 - 14 September 2013, pp.227
- XLVIII. **Desorption of Copper from Lewatit Loaded with Copper Ions**
TANAYDIN M. K., TOSUN E., DEMİRKIRAN N.
6th Black Sea Basin Conference on Analytical Chemistry, Trabzon, Turkey, 10 - 14 September 2013, pp.225
- XLIX. **Desorption of Copper from Lewatit Loaded with Copper Ions**
TANAYDIN M. K., TOSUN E., DEMİRKIRAN N.
6th Black Sea Basin Conference on Analytical Chemistry, Trabzon, Turkey, 10 - 14 September 2013, pp.225
- L. **Determination of Trace Elements of Prunus avium L. (Pulp, Bark, Stalk and Glue)**
TOSUN E., KÜÇÜKBAY F.
6th Black Sea Basin Conference on Analytical Chemistry, Trabzon, Turkey, 10 - 14 September 2013, pp.227
- L. **Copper Removal from Aqueous Solution by Lewatit**
TOSUN E., TANAYDIN M. K., DEMİRKIRAN N.
6th Black Sea Basin Conference on Analytical Chemistry, Trabzon, Turkey, 10 - 14 September 2013, pp.226
- LII. **Ecballium elaterium L. Meyve Suyundan Kukurbitasinlerin İzolasyonu**
TOSUN E., BAYSAR A.
1. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 29 - 31 March 2013, pp.59
- LIII. **Ecballium elaterium L. Meyve Suyundan Kukurbitasinlerin İzolasyonu**
TOSUN E., BAYSAR A.
1. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 29 - 31 March 2013, pp.59
- LIII. **Ecballium elaterium I Meyve suyundan kukurbitasinlerin izolasyonu**
TOSUN E., BAYSAR A.
1. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 29 March 2012, pp.59

Supported Projects

TOSUN E., ŞENGÜL B. E., Project Supported by Higher Education Institutions, OKALİPTUS UÇUCU YAĞININ SACCHAROMYCES CEREVISIAE İLE ENKAPSÜLASYONU VE TEKSTİL MATERYALİNE UYGULANARAK ANTİBAKTERİYEL ÖZELLİK KAZANDIRILMASININ ARAŞTIRILMASI, 2020 - 2021

TÜRKÖZ Y., TOSUN E., ÇİĞREMİŞ Y., BAYSAR A., ÜREMİŞ N., ÜREMİŞ M. M., Project Supported by Higher Education Institutions, Kukurbitasin D ve Kukurbitasin I'nın Hepatokarsinom Hücre Hattında JAK2/STAT3, MAPK ve PI3K/Akt/mTOR Sinyal Yolları Aracılı Antikanserojen ve Apoptotik Etkilerinin İncelenmesi, 2018 - 2021

YÜCEER A. M., TOSUN E., FIRAT M., ÖZDEMİR Ö., ERKAN F. D., Project Supported by Higher Education Institutions, Atıksu Arıtma Tesisinin Yüzeysel Su Kalitesine Etkisinin Araştırılması, 2018 - 2020
TOSUN E., TUBİTAK Project, Kukurbitazin I'nın Anti Kanserojen Etkisinin Karaciğere Metastaz Yapmış CC531 Rat Modelinde Araştırılması, 2012 - 2014

Scientific Refereeing

Pamukkale University Journal of Engineering Sciences, National Scientific Refreed Journal, April 2017

Metrics

Publication: 68
Citation (WoS): 22
Citation (Scopus): 11
H-Index (WoS): 2
H-Index (Scopus): 1

Congress and Symposium Activities

1st International Mediterranean Science and Engineering Congress, Attendee, Adana, Turkey, 2016
12. Ulusal Kimya Mühendisliği Kongresi, Attendee, İzmir, Turkey, 2016
International Gazi Pharma Symposium, Attendee, Antalya, Turkey, 2015
3rd International Chemical Engineering and Chemical Technologies Conference, Attendee, İstanbul, Turkey, 2015
International Multidisciplinary Symposium on Drug Reserach and Development, Attendee, Eskişehir, Turkey, 2015
11. Ulusal Kimya Mühendisliği Kongresi, Attendee, Eskişehir, Turkey, 2014
6th Black Sea Basin Conference on Analytical Chemistry, Attendee, Trabzon, Turkey, 2014
1. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Attendee, Antalya, Turkey, 2013
3. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Attendee, Turkey, 2013

Non Academic Experience

Other, Mert İplik
German Cancer Research Center
mert iplik A.Ş