

Kirklareli University
Energy Systems Engineering
[street]
[city], [state] [zip]
Turkey

ozdemirz@gmail.com
Phone: [phone]
Mobile: [mobile]
Fax: [fax]
Website:

<http://personel.klu.edu.tr/zaferozdemir>

Zafer Omer Ozdemir, Ph. D.

https://www.researchgate.net/profile/Zafer_Ozdemir

Education

Thesis

Zafer Omer Ozdemir: "DEVELOPMENT OF POLYELECTROLYTE BASED BIO-CONJUGATES, USING with SYNTHETIC VIRAL PEPTIDES" SENTETİK VİRAL PEPTİDLER KULLANILARAK POLİELEKTROLİT ESASLI BİYOKONJUGATLARIN GELİŞTİRİLMESİ. 03/2009, Degree: Ph.D., Supervisor: Zeynep Akdeste, DOI:10.13140/RG.2.2.31423.30884

Research Experience

- Sep 2013 – present* **Assist. Prof. Dr.**
Kirklareli University, Energy Systems Engineering
Kirklareli, Turkey
- Jan 2004 – Sep 2011* **Research Assistant**
Yildiz Technical University, Department of Bioengineering
İstanbul, Turkey
- Oct 1994 – Jul 1998* **Student**
Istanbul Technical University, Department of Chemistry
İstanbul, Turkey

Statistics

RG Score 7.62
Publications 23
Reads 1,523
Citations 21

Awards & Grants

Skills & Activities

Skills Biomaterials, Polymers, Biodegradable Polymers, Biopolymers, Ultraviolet Spectrophotometry, LC-MS, Bioenergy, Solid Phase Peptide Synthesis, Enzyme Immobilization, Microwave Assisted Organic Synthesis, Bioconjugation, Material Characterization, Polymeric Materials, Polymeric Biomaterials, Chromatography, Peptides, Protein-Protein Interaction, Peptide Synthesis, Solid Phase Synthesis, Chitosan, Foot-and-Mouth Disease Virus, Polymer Chemistry, Liquid Chromatography, Synthesis, Carbohydrate Polymers, Biomolecules, Nanomaterials, Polymerization, Polymer Science, Crosslinking, Renewable Energy, Peptide Chemistry

Languages English, Turkish

Scientific Memberships Turkish Chemical Society

Interests

Publication Highlights

[authors]: [title]. [details]

Books

Book Chapters

Journal Publications

Sibel DURSUN, Zafer Omer OZDEMIR: *Anaerobik Bakteriler Kullanılarak Atıklardan Biyogaz Üretimi.*

Mithat Celebi, Zafer Omer Ozdemir, Emre Eroglu, Melda Altikatoglu, Ibrahim Guney: *Determination of Minimum Enzymatic Decolorization Time of Reactive Dye Solution by Spectroscopic & Mathematical Approach.* Guang pu xue yu guang pu fen xi = Guang pu 02/2015; 35(2)., DOI:10.3964/j.issn.1000-0593(2015)02-0340-06

Zafer Omer Ozdemir: *Kitin, kitosanın fonksiyonel özellikleri ve kullanım alanları "Functional Properties and Uses of Chitin, Chitosan".*

Mithat Çelebi, Zafer Ömer Özdemir, Emre Eroğlu, İbrahim Güney: *Statistically Defining Optimal Conditions of Coagulation Time of Skim Milk.* Journal- Chemical Society of Pakistan 02/2014; 36(1)., DOI:10.1007/978-3-642-36197-5_266-1

Sevil Yucel, Zafer Omer Ozdemir, Cem Kesgin, Pinar Terzioglu, Simten Unlu, Yagmur Erdogan, Kubra Pusat: *Swelling Behavior and Cytotoxicity of Maleic Acid Grafted Chitosan.*

- Kadriye Kizilbey, Zafer Ömer Özdemir, Zeynep Mustafaeva: *Synthesis and characterisation of antigenic melanoma cancer peptides for anti-cancer drug design*. Fresenius Environmental Bulletin 08/2012; 21(8).
- Zafer Omer Ozdemir, Muhammed Serpi, Yasemin Yalman: *Bazı Bitki Ekstrelerinin Propionibacterium acnes Üzerine Antibakteriyel Etkilerinin Araştırılması*.
- Zafer Ömer Özdemir, Murat Şentürk, Deniz Ekinci: *Inhibition of mammalian carbonic anhydrase isoforms I, II and VI with thiamine and thiamine-like molecules*. Journal of Enzyme Inhibition and Medicinal Chemistry 12/2011; 28(2)., DOI:10.3109/14756366.2011.637200
- Zafer Omer Ozdemir, Zeynep Akdeste: *SENTETİK VİRAL PEPTİDLER KULLANILARAK POLİELEKTROLİT ESASLI BİYOKONJUGATLARIN GELİŞTİRİLMESİ*.
- Deniz Ekinci, Zafer Ömer Özdemir, Murat Şentürk: *Peptide Based Biological Active Molecules Peptid Temelli Biyolojik Aktif Moleküller*.
- Zafer Ömer Özdemir, Murat Şentürk, Deniz Ekinci: *Glucose 6-Phosphate Dehydrogenase Activatory Properties of Some Organic Compounds and Amino Acids*.
- Z.O. Ozdemir, M. Karahan, E. Karabulut, Z. Mustafaeva: *Characterization of foot-and-mouth disease virus's viral peptides with LC-ESI-MS*. Journal- Chemical Society of Pakistan 08/2010; 32(4).
- Zafer Omer Ozdemir, Mesut Karahan, Erdem Karabulut, Zeynep Mustafaeva: *Characterization of Foot-and-Mouth Disease Virus's Viral Peptides with LC-ESI-MS*. Journal- Chemical Society of Pakistan 04/2010; 32(4).
- Zafer Ömer Özdemir, Murat Topuzoğulları, Erdem Karabulut, Zeynep Mustafaeva Akdeste: *Characterization and Purification of Viral Peptides Synthesized with Microwave Assisted Solid Phase Method*.
- Zafer Omer Ozdemir, Zeynep Mustafaeva: *Mikrodalga Enerjisi ve Peptid Sentezinde Uygulaması*.
- Erdem Karabulut, Zafer Omer Ozdemir, Yunus Saricay, Zeynep Mustafaeva: *For synthetic peptide vaccine prototype development: Synthesis and characterization of biodegradable poly(1-azabicyclo[4.2.0]octane) polymers and their conjugates with antigenic peptides*. Journal of Peptide Science 08/2008; 14(8).
- Zafer Ömer Özdemir, Erdem Karabulut, Murat Topuzogullari, Zeynep Mustafaeva: *Difficulties In Synthesis and Characterization of Viral Capsid Peptides*.
- Erdem Karabulut, Zafer Ömer Özdemir, Cigdem Yolacan, Yunus Saricay, Zeynep Mustafaeva: *Microwave-Assisted Synthesis and Characterization of Poly(1-Azabicyclo[4.2.0]octane) and Its Water-Soluble Derivatives*.

Patents

Conference Proceedings

- Z Ö Özdemir, A Gencer: *Determination of the Biomass Potential in Kırklareli Province Based on Agricultural Residues*. 8TH EGE ENERGY SYMPOSIUM AND EXHIBITION, Afyonkarahisar, TURKEY; 05/2016
- Z Ö Özdemir, H Mutlubaş: *Biodiesel Production In The Presence Of Chitosan Biopolymer*. 8TH EGE ENERGY SYMPOSIUM AND EXHIBITION, Afyonkarahisar, TURKEY; 05/2016

H Gökteş, S Kocabey, Z Ö Özdemir: *Investigation of Biogas Energy Potential in Kırklareli Province*. 8TH EGE ENERGY SYMPOSIUM AND EXHIBITION, Afyonkarahisar, TURKEY; 05/2016

Technical Reports