

## Lect. PhD FATMA KARTAL ERSOY

### Personal Information

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### Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2013 - 2018

Post Graduate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 2011 - 2013

Under Graduate, Mugla Sitki Kocman University, Fen Fakültesi, Kimya Bölümü, Turkey 2004 - 2008

### Dissertations

Post Graduate, İnsan serum albumin baskılanmış eş boyutlu manyetik poli(glisidil metakrilat) partiküller, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2013

### Research Areas

Natural Sciences

### Academic Titles / Tasks

Lecturer PhD, Gazi University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikleri Bölümü, 2020 - Continues

Research Assistant, Amasya University, Faculty Of Arts And Sciences, Department Of Chemistry, 2010 - 2020

Research Assistant, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2011 - 2017

Research Assistant, Mugla Sitki Kocman University, Faculty Of Science, Department Of Chemistry, 2009 - 2010

### Courses

Research Project, Associate Degree, 2020 - 2021

Clinical Biochemistry, Associate Degree, 2020 - 2021

Mesleki Uygulama, Associate Degree, 2020 - 2021

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

- I. **Molecularly imprinted cryogel beads for cholesterol removal from milk samples**  
Kartal F., Denizli A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.190, 2020 (Journal Indexed in SCI)
- II. **Molecularly imprinted polymer based quartz crystal microbalance sensor for the clinical detection of insulin**  
Kartal F., Çimen D., Bereli N., Denizli A.

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.97, pp.730-737, 2019  
(Journal Indexed in SCI)

- III. **Surface molecularly imprinted magnetic microspheres for the recognition of albumin**  
Kartal F., Denizli A.  
JOURNAL OF SEPARATION SCIENCE, vol.37, no.15, pp.2077-2086, 2014 (Journal Indexed in SCI)
- IV. **Catalytic activity of Fe@Ag nanoParticle involved calcium alginate beads for the reduction of nitroPhenols**  
Gupta V. K. , Yola M. L. , Eren T., Kartal F., Caglayan M. O. , Atar N.  
JOURNAL OF MOLECULAR LIQUIDS, vol.190, pp.133-138, 2014 (Journal Indexed in SCI)

### Articles Published in Other Journals

- I. **Adsorption of BSA on Metal Loaded Monosize p(GMA) Microspheres**  
EVRİM BANU A., KARTAL ERSOY F., TÜRKMEN D., ALİ D., DENİZLİ A.  
Hacettepe Journal of Biology and Chemistry, vol.43, pp.225-233, 2015 (Other Refereed National Journals)

### Books & Book Chapters

- I. **Cryogels for protein purification and depletion**  
GÖKTÜRK BAŞAL I., Bakhshpour M., YILMAZ F., KARTAL ERSOY F., BERELİ N., DENİZLİ A.  
in: Cryogels and Monoliths, Bo Mattiasson, Adil Denizli, Editor, Hacettepe Üniversitesi, Ankara, pp.95-118, 2018

### Refereed Congress / Symposium Publications in Proceedings

- I. **PALLADIUM-CATALYZED HECK REACTION OF THE THIAZOLE USING TPAs**  
Kozak Z., GÜL M., KARTAL ERSOY F.  
International Natural Science, Engineering and Material Technologies Conference, İstanbul, Turkey, 9 - 10 September 2019
- II. **Preparation of Cryogels with Ovalbumin Recognition Sites and Their Use in Ovalbumin Purification**  
ÇİMEN D., DENİZLİ A., KARTAL ERSOY F., BERELİ N.  
18th INTERNATIONAL CHROMATOGRAPHY CONGRESS, 15 - 18 November 2018
- III. **Gıdalardan Kolesterolün Uzaklaştırılması İçin Moleküler Baskılanmış Kriyojel Mikroküreler**  
KARTAL ERSOY F., DENİZLİ A.  
12.Ulusal Afinite Teknikleri Kongresi, İzmir, Turkey, 5 - 07 September 2018
- IV. **İnsulinin Klinik Teşhisi İçin Moleküler Baskılama Yöntemi Temelli Quartz Kristal Mikrobalance Biyosensörler**  
KARTAL ERSOY F., ÇİMEN D., BERELİ N., DENİZLİ A.  
17. Kromatografi Kongresi (Kromatografi 2017), Çorum, Turkey, 20 - 22 September 2017
- V. **İmmobilize Metal İyon Afinite Kromatografisi ile BSA'xın Uzaklaştırılması**  
KARTAL ERSOY F., ALTUNTAŞ E. B. , DENİZLİ A.  
10. Ulusal Afinite Teknikleri Kongresi, Balıkesir, Turkey, 26 - 28 May 2016
- VI. **Preparation and Characterization of Insulin Imprinted Cryogel Membranes**  
ÇETİN K., KARTAL ERSOY F., DENİZLİ A.  
9th NATIONAL AFFINITY TECHNIQUES SYMPOSIUM with International Contributions, Köyceğiz/Muğla, Turkey, 6 - 08 September 2015
- VII. **Quartz Crystal Microbalance (QCM) Biosensor for Real time Detection of Insulin**  
KARTAL ERSOY F., ÇİMEN D., BERELİ N., DENİZLİ A.  
9th National Affinity Techniques Symposium with International Contributions, Köyceğiz/Muğla, Turkey, 6 - 08

September 2015

- VIII. **Preparation and Characterization of Insulin Imprinted Cryogel Membranes**  
ÇETİN K., KARTAL ERSOY F., DENİZLİ A.  
9th National Affinity Techniques Symposium with International Contributions, Muğla, Turkey, 6 - 08 September 2015
- IX. **Characterization of Quartz Crystal Microbalance Based Biosensors For Insulin Detection**  
KARTAL ERSOY F., ÇİMEN D., BERELİ N., DENİZLİ A.  
2nd International Congress on Biosensors, İzmir, Turkey, 10 - 12 June 2015
- X. **Protein C Saflaştırılması İçin Baskılanmış Manyetik Poli (Glisidilmetakrilat) Mikrokürelerin Sentezlenmesi ve Karakterizasyonu**  
KARTAL ERSOY F., DENİZLİ A.  
8. Ulusal Afinite Teknikleri Kongresi, Konya, Turkey, 4 - 06 September 2014
- XI. **İnsan Serum Albümin Baskılanmış Eş Boyutlu Manyetik Poli Glisidil Metakrilat Partiküller**  
KARTAL ERSOY F., DENİZLİ A.  
14. Ulusal Kromatografi Kongresi, Ilıca/İzmir, Turkey, 12 - 15 May 2014
- XII. **Yüzey Baskılanmış Manyetik Poli glisidil metakrilat Mikroküreleri ile İnsan Serum Albuminin Uzaklaştırılması**  
KARTAL ERSOY F., ANDAÇ ÖZDİL A. M. , DENİZLİ A.  
Kromatografi 2013 Kongresi, Bursa, Turkey, 19 - 22 June 2013
- XIII. **Molecularly Imprinted Composite Cryogel for Transferrin Depletion from Human Serum**  
KARTAL ERSOY F., DENİZLİ A.  
7. International Conference on Molecularly Imprinted Polymers-Science and Technology, Paris, France, 27 - 30 August 2012
- XIV. **Molecularly Imprinted Composite Cryogel for Transferrin Depletion from Human Serum**  
ANDAÇ ÖZDİL A. M. , BAYDEMİR PEŞİNT G., KARTAL ERSOY F., DENİZLİ A.  
MIP2012 - Molecularly Imprinted Polymers -Science and Technology, Paris, France, 26 - 30 August 2012
- XV. **Characterization of Thermosensitive Poly (N-isopropylacrylamide) nanoparticles**  
KARTAL ERSOY F., DENİZLİ A.  
8. Nanoscience and Nanotechnology Congress, NANOTR VIII, Ankara, Turkey, 25 - 29 June 2012
- XVI. **Kimyacılar İçin Bilişim Teknolojileri**  
AKPOLAT O., KARTAL ERSOY F.  
XI. Akademik Bilişim Konferansı, Şanlıurfa, Turkey, 11 - 13 February 2009

## Scientific Refereeing

adıyaman university journal of science, Other Indexed Journal, June 2020

## Citations

Total Citations (WOS):124

h-index (WOS):4