Asst. Prof. FATMA KARTAL ERSOY

Personal Information

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International Researcher IDs
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Publons / Web Of Science ResearcherID: AHE-1653-2022
ScopusID: 16549341300
Yoksis Researcher ID: 31201

Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2013 - 2018
Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), Turkey 2011 - 2013
Undergraduate, Mugla Sitki Kocman University, Faculty Of Scıence, Department Of Chemıstry, Turkey 2004 - 2008

Dissertations

Postgraduate, İnsan serum albumin baskılanmış eş boyutlu manyetik poli(glisidil metakrilat) partiküller, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya (Yl) (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 Scıences, Department Of Chemıstry, 2010 - 2020
Research Assistant, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2011 - 2017
Research Assistant, Mugla Sitki Kocman University, Faculty Of Scıence, Department Of Chemıstry, 2009 - 2010

Academic and Administrative Experience

Program Koordinatörü, Gazi University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikleri Bölümü, 2024 - Continues

Courses

BİYOKİMYA, Associate Degree, 2023 - 2024
BİYOKİMYA(2), Associate Degree, 2023 - 2024
Sosyal Sorumluluk, Associate Degree, 2022 - 2023, 2021 - 2022
Kontrast İlaç Farmakolojisi(2), Associate Degree, 2021 - 2022
Kontrast İlaç Farmakolojisi(1), Associate Degree, 2021 - 2022
Research Project, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021
Yaz Stajı, Associate Degree, 2021 - 2022
Farmakoloji(2), Associate Degree, 2021 - 2022
Clinical Biochemistry, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021
Laboratuvar Uygulamaları, Associate Degree, 2022 - 2023, 2021 - 2022
Mesleki Uygulama, Associate Degree, 2021 - 2022, 2020 - 2021
Farmakoloji(1), Associate Degree, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Molecularly imprinted cryogel beads for cholesterol removal from milk samples**
Kartal F., Denizli A.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.190, 2020 (SCI-Expanded)

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 (SCI-Expanded)

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 (SCI-Expanded)

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 (SCI-Expanded)

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 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Molecularly Imprinted Polymer-Based Quartz Crystal Microbalance Sensor for the Clinical Detection of Insulin**
ÇİMEN D., BERELİ N., KARTAL ERSOY F., DENİZLİ A.
in: Molecularly Imprinted Polymers Methods and Protocols, Esteban Antonio Martı´n, Editor, Humana, New York, NY, New York, pp.209-222, 2021

II. **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'xxnın 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. **Preaparation 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

Metrics

Publication: 23
Citation (WoS): 195
Citation (Scopus): 213
H-Index (WoS): 4
H-Index (Scopus): 4

Non Academic Experience

Muğla Sıtkı Koçman Üniversitesi