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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya Bölümü/Fizikokimya Abd, Turkey 2011 - 2017

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya Bölümü/ Fizikokimya Abd, Turkey 2009 - 2011

Undergraduate, Hacettepe University, Fen Fakültesi, Kimya Bölümü, Turkey 2004 - 2009

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Bisfenol a tanıma bölgelerine sahip moleküler baskılanmış polimerik kartuşların ve sensör sisteminin geliştirilmesi, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2017

Postgraduate, Hidrofobik etkileşim kromatografisi ile plazmid dna saflaştırılması, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2011

Research Areas

Chemistry, Physical Chemistry, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2020 - Continues

Research Assistant, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2010 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- Investigation of Thermodynamic, Kinetic, and Isothermal Parameters for the Selective Adsorption of Bisphenol A
ÜZEK R., ŞENEL S., DENİZLİ A.

ACS OMEGA, vol.7, pp.18940-18952, 2022 (SCI-Expanded)

- II. **Real-Time Detection of Fibrinogen via Imprinted Recognition Sites**
ÇİMEN D., ÜZEK R., Gunaydin S., DENİZLİ A.
CHEMISTRYSELECT, vol.6, no.35, pp.9435-9441, 2021 (SCI-Expanded)
- III. **Nanocomposite as Visible Sensing Platform for Hg-2**
Bal F. B., Sari E., ÜZEK R., LOĞOĞLU E.
IEEE SENSORS JOURNAL, vol.21, no.9, pp.10595-10602, 2021 (SCI-Expanded)
- IV. **Detection of Melamine by Using Fluorescent Nanocomposites with Specific Recognition Sites**
ÜZEK R., Sari E., DENİZLİ A.
CHEMISTRYSELECT, vol.6, no.9, pp.2149-2155, 2021 (SCI-Expanded)
- V. **Optical-Based (Bio) Sensing Systems Using Magnetic Nanoparticles**
ÜZEK R., Sari E., Merkoci A.
MAGNETOCHEMISTRY, vol.5, no.4, 2019 (SCI-Expanded)
- VI. **A nitrocellulose paper strip for fluorometric determination of bisphenol A using molecularly imprinted nanoparticles**
Uzek R., Sari E., ŞENEL S., DENİZLİ A., Merkoci A.
Microchimica Acta, vol.186, no.4, 2019 (SCI-Expanded)
- VII. **Paper Based Photoluminescent Sensing Platform with Recognition Sites for Tributyltin**
Sari E., Uzek R., Merkoci A.
ACS SENSORS, vol.4, no.3, pp.645-653, 2019 (SCI-Expanded)
- VIII. **Prism coupler-based sensor system for simultaneous screening of synthetic glucocorticosteroid as doping control agent**
Sari E., ÜZEK R., DUMAN M., Alagoz H. Y., DENİZLİ A.
SENSORS AND ACTUATORS B-CHEMICAL, vol.260, pp.432-444, 2018 (SCI-Expanded)
- IX. **Detection of ciprofloxacin through surface plasmon resonance nanosensor with specific recognition sites**
Sari E., ÜZEK R., DUMAN M., DENİZLİ A.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.29, no.11, pp.1302-1318, 2018 (SCI-Expanded)
- X. **Synthesis of novel monolithic cartridges with specific recognition sites for extraction of melamine**
DURSUN E. M., ÜZEK R., BERELİ N., ŞENEL S., DENİZLİ A.
REACTIVE & FUNCTIONAL POLYMERS, vol.109, pp.33-41, 2016 (SCI-Expanded)
- XI. **Fabrication of surface plasmon resonance nanosensor for the selective determination of erythromycin via molecular imprinted nanoparticles**
SARI E., ÜZEK R., DUMAN M., DENİZLİ A.
TALANTA, vol.150, pp.607-614, 2016 (SCI-Expanded)
- XII. **Synthesis of a specific monolithic column with artificial recognition sites for L-glutamic acid via cryo-crosslinking of imprinted nanoparticles**
GOKTURK I., ÜZEK R., UZUN L., DENİZLİ A.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.44, no.4, pp.1133-1140, 2016 (SCI-Expanded)
- XIII. **HSA immobilized novel polymeric matrix as an alternative sorbent in hemoperfusion columns for bilirubin removal**
KAVOSHCHIAN M., ÜZEK R., UYANIK S. A., ŞENEL S., DENİZLİ A.
REACTIVE & FUNCTIONAL POLYMERS, vol.96, pp.25-31, 2015 (SCI-Expanded)
- XIV. **Molecularly imprinted surface plasmon resonance (SPR) based sensing of bisphenol A for its selective detection in aqueous systems**
SHAIKH H., Sener G., MEMON N., BHANGER M. I., NIZAMANI S. M., ÜZEK R., DENİZLİ A.
ANALYTICAL METHODS, vol.7, no.11, pp.4661-4670, 2015 (SCI-Expanded)
- XV. **Surface imprinting approach for preparing specific adsorbent for IgG separation**
SAYLAN Y., ÜZEK R., UZUN L., DENİZLİ A.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.25, no.9, pp.881-894, 2014 (SCI-Expanded)
- XVI. **Magnetic Nanoparticles for Plasmid DNA Purification through Hydrophobic Interaction**

Chromatography

ÜZEK R., Ozkara S., Gungunes H., UZUN L., ŞENEL S.

SEPARATION SCIENCE AND TECHNOLOGY, vol.49, no.14, pp.2193-2203, 2014 (SCI-Expanded)

XVII. **Chiral recognition of proteins having L-histidine residues on the surface with lanthanide ion complex incorporated-molecularly imprinted fluorescent nanoparticles**

UZUN L., ÜZEK R., ŞENEL S., Say R., DENİZLİ A.

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.33, no.6, pp.3432-3439, 2013 (SCI-Expanded)

XVIII. **Nanospines incorporation into the structure of the hydrophobic cryogels via novel cryogelation method: An alternative sorbent for plasmid DNA purification**

ÜZEK R., UZUN L., ŞENEL S., DENİZLİ A.

COLLOIDS AND SURFACES B-BIOINTERFACES, vol.102, pp.243-250, 2013 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **Preparation of Molecular Imprinted Nanoparticle for the Selective Determination of Ciprofloxacin with Surface Plasmon Resonance Sensor**

DUMAN M., Sari E., ÜZEK R., DENİZLİ A.

26th Anniversary World Congress on Biosensors 2016, 25 - 27 May 2016

II. **Dondurarak Çapraz Bağlama ile Moleküler Baskılanmış Nanopartiküllerin Kriyo şekillendirilmesi**

GÖKTÜRK BAŞAL I., ÜZEK R., UZUN L., DENİZLİ A.

15. Ulusal kromatografi Kongresi, Uşak, Turkey, 8 - 10 April 2015

Supported Projects

ÜZEK R., ÇAĞLAYAN T., Project Supported by Higher Education Institutions, Ağır metal tayini için ikili mod sensör sisteminin geliştirilmesi, 2017 - 2020

ŞENEL S., Öztürk A. E., ÜZEK R., Project Supported by Higher Education Institutions, Selenyum Baskılı Mikropartikül Sentezi ve Karakterizasyonu, 2017 - 2019

ÜZEK R., TUBITAK Project, Moleküler Baskılanmış Floresan Nanopartiküllerin Hazırlanması, Karakterizasyonu ve Protein Tayininde Potansiyel Biyosensör Olarak Kullanımının İncelenmesi, 2012 - 2013

TUBITAK Project, Plazmid DNA Saflaştırılması İçin Manyetik Nanopartiküllerin Üretilmesi, 2009 - 2010

Metrics

Publication: 21

Citation (WoS): 255

Citation (Scopus): 353

H-Index (WoS): 10

H-Index (Scopus): 12

Non Academic Experience

hacettepe üniversitesi