

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp Abd, Turkey 2017 - Continues

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp Abd, Turkey 2014 - 2016

Undergraduate Double Major, Ataturk University, Ziraat Fakültesi, Gıda Mühendisliği Bölümü, Turkey 2007 - 2011

Undergraduate, Ataturk University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2006 - 2010

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, LDI-MS analizleri için etkin ve seçici yeni hedef yüzeylerin geliştirilmesi , Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp Abd, 2016

Research Areas

Life Sciences, Biotechnology, Biosensor, Natural Sciences

Academic Titles / Tasks

Research Assistant, Hacettepe University, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp Abd, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Molecularly Designed Ion-Imprinted Nanoparticles for Real-Time Sensing of Cu(II) Ions Using Quartz Crystal Microbalance**
Aydoğan N., Aylaz G., YÜCEL M., ARİFİOĞLU T., ANDAÇ A. M.
Biomimetics, vol.7, no.4, 2022 (SCI-Expanded)
- II. **Affinity Recognition Based Gravimetric Nanosensor for Equilin Detection**
AYLAZ G., ANDAÇ A. M.
CHEMOSENSORS, vol.10, no.5, 2022 (SCI-Expanded)

- III. **Molecularly imprinted composite discs for transferrin recognition**
AYLAZ G., Zenger O., Baydemir Pesint G., Andac M.
SEPARATION SCIENCE AND TECHNOLOGY, vol.57, no.9, pp.1359-1375, 2022 (SCI-Expanded)
- IV. **Recognition of human hemoglobin with macromolecularly imprinted polymeric nanoparticles using non-covalent interactions**
AYLAZ G., Andac M., DENİZLİ A., DUMAN M.
JOURNAL OF MOLECULAR RECOGNITION, vol.34, no.12, 2021 (SCI-Expanded)
- V. **Recent developments on magnetic molecular imprinted polymers (MMIPs) for sensing, capturing, and monitoring pharmaceutical and agricultural pollutants**
AYLAZ G., Kuhn J., Lau E. C. H. T., Yeung C., Roy V. A. L., DUMAN M., Yiu H. H. P.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.96, no.5, pp.1151-1160, 2021 (SCI-Expanded)
- VI. **Study on Cost-Efficient Carbon Aerogel to Remove Antibiotics from Water Resources**
AYLAZ G., Okan M., DUMAN M., AYDIN H. M.
ACS OMEGA, vol.5, no.27, pp.16635-16644, 2020 (SCI-Expanded)
- VII. **Selective binding of antibiotics using magnetic molecular imprint polymer (MMIP) networks prepared from vinyl-functionalized magnetic nanoparticles**
Kuhn J., AYLAZ G., Sari E., Marco M., Yiu H. H. P., DUMAN M.
JOURNAL OF HAZARDOUS MATERIALS, vol.387, 2020 (SCI-Expanded)

Metrics

Publication: 7

Citation (WoS): 11

Citation (Scopus): 18

H-Index (WoS): 2

H-Index (Scopus): 3

Congress and Symposium Activities

6th Nano Today Conference, Attendee, Lisbon, Portugal, 2019

XX. Annual Linz Winter Workshop, Attendee, Linz, Austria, 2018

XIX. Annual Linz Winter Workshop, Attendee, Linz, Austria, 2017

3rd International Congress on Biosensors, Attendee, Ankara, Turkey, 2016

1. Karadeniz Üroloji Sempozyumu, Attendee, Ordu, Turkey, 2016

26th Anniversary World Congress on Biosensors, Attendee, Gothenburg, Sweden, 2016

2nd International Congress on Biosensors, Attendee, İzmir, Turkey, 2015

Nanobiyomateryaller ve Nanotıp Uygulamaları Atölyesi, Attendee, Ankara, Turkey, 2014

Sağlık Bilimlerinde İleri Teknolojiler, Attendee, Ankara, Turkey, 2014