

## Res. Asst. DUYGU YILDIRIM

### Personal Information

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### Education Information

Doctorate, Hacettepe University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2020 - Continues

Postgraduate, Hacettepe University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2017 - 2020

Undergraduate, Ankara University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2010 - 2017

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Monodisperse-porous Mn508 microspheres as an efficient catalyst for fast degradation of organic pollutants via peroxymonosulfate activation**  
Ozcan S., YILDIRIM D., ÇILDIROĞLU H. Ö. , POLAT M., HAMALOĞLU K. Ö. , Tosun R. B. , KİP F. Ç. , Tuncel A.  
NEW JOURNAL OF CHEMISTRY, 2022 (Journal Indexed in SCI)
- II. **Highly Porous, Molecularly Imprinted Core-Shell Type Boronate Affinity Sorbent with a Large Surface Area for Enrichment and Detection of Sialic Acid Isomers**  
Kip C., Demir M. C. , YILDIRIM D., HAMALOĞLU K. Ö. , ÇELİKBIÇAK Ö., Tuncel A.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, 2021 (Journal Indexed in SCI)
- III. **A new nanozyme with peroxidase-like activity for simultaneous phosphoprotein isolation and detection based on metal oxide affinity chromatography: Monodisperse-porous cerium oxide microspheres**  
YILDIRIM D., Gokcal B., BÜBER E., Kip C., DEMİR M., Tuncel A.  
CHEMICAL ENGINEERING JOURNAL, vol.403, 2021 (Journal Indexed in SCI)
- IV. **Microfluidic immobilized metal affinity chromatography based on Ti(IV)-decorated silica microspheres for purification of phosphoproteins**  
Yildirim D., Kip C., Tsogtbaatar K., KOÇER İ., Celik E., Tuncel A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, vol.1140, 2020 (Journal Indexed in SCI)

### Citations

Total Citations (WOS):23

h-index (WOS):1