

## Doç. Dr. YUSUF DORUK ARACAGÖK

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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ScopusID: 57212680007

Yoksis Araştırmacı ID: 105731

### Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji/Biyoteknoloji, Türkiye 2010 - 2016

Yüksek Lisans, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2007 - 2010

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Yaptığı Tezler

Doktora, Mikro kirletici bazı ilaçların fungal kaynaklar ile biyodegradasyonun araştırılması, Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 2016

### Araştırma Alanları

Yaşam Bilimleri, Biyoteknoloji, Çevre Biyoteknolojisi, Temel Bilimler

### Akademik Unvanlar / Görevler

Doç. Dr., Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 2024 - Devam Ediyor

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Adsorption of azo dye by biomass and immobilized *Yarrowia lipolytica*; equilibrium, kinetic and thermodynamic studies**  
Hassan Ibrahim A. H., CİHANGİR N., İDİL N., ARACAGÖK Y. D.  
World Journal of Microbiology and Biotechnology, cilt.40, sa.5, 2024 (SCI-Expanded)
- A study on the removal of Reactive black 5 with *Tenebrio molitor* adult chitin chemically modified with cetyltrimethylammonium bromide**  
Aracagök Y. D., Torun M., Kabalak M.  
BIOMASS CONVERSION AND BIOREFINERY, cilt.0, 2023 (SCI-Expanded)

- III. **Adsorption of rhodamine B by Pleurotus eryngii: growth, modification, characterization, adsorption isotherms, kinetics and thermodynamics**  
TORUN M., ARACAGÖK Y. D.  
Biomass Conversion and Biorefinery, 2023 (SCI-Expanded)
- IV. **Biosorption of lead by a soil isolate Aspergillus neoalliaceus**  
ARACAGÖK Y. D.  
ARCHIVES OF MICROBIOLOGY, cilt.204, sa.9, 2022 (SCI-Expanded)
- V. **Biosorption of Remazol Brilliant Blue R dye onto chemically modified and unmodified Yarrowia lipolytica biomass**  
ARACAGÖK Y. D.  
ARCHIVES OF MICROBIOLOGY, cilt.204, sa.2, 2022 (SCI-Expanded)
- VI. **Fungal biosorption of cadmium(II) onto Fennelia nivea from aqueous solution: equilibrium, thermodynamics, and kinetics**  
ARACAGÖK Y. D., Ogun E., TORUN M., Akyil H., CİHANGİR N., Sanin S. L.  
DESALINATION AND WATER TREATMENT, cilt.222, ss.386-393, 2021 (SCI-Expanded)
- VII. **Laccase bound to cryogel functionalized with phenylalanine for the decolorization of textile dyes**  
Percin I., ARACAGÖK Y. D., İDİL N., DENİZLİ A., Mattiasson B.  
TURKISH JOURNAL OF CHEMISTRY, cilt.45, sa.5, ss.1353-1365, 2021 (SCI-Expanded)
- VIII. **Extraction, characterization and comparison of chitins from large bodied four Coleoptera and Orthoptera species**  
Kabalak M., Aracagök Y. D., Torun M.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.145, ss.402-409, 2020 (SCI-Expanded)
- IX. **Biodegradation of diclofenac with fungal strains**  
ARACAGÖK Y. D., Goker H., CİHANGİR N.  
ARCHIVES OF ENVIRONMENTAL PROTECTION, cilt.44, sa.1, ss.55-62, 2018 (SCI-Expanded)
- X. **Biodegradation of micropollutant naproxen with a selected fungal strain and identification of metabolites**  
ARACAGÖK Y. D., Goker H., CİHANGİR N.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, cilt.72, ss.173-179, 2017 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Tripan mavi boyasının fungal biyokütle ile biyosorpsiyonu hakkında bir çalışma**  
ARACAGÖK Y. D.  
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, cilt.13, sa.3, ss.605-615, 2023 (Hakemli Dergi)
- II. **A New Approach for Dye Removal with a Polymer: Removal of Acid Orange 12 from Aqueous Solution with Shrimp Chitin**  
ARACAGÖK Y. D., KABALAK M., KOŞARSOY AĞÇELİ G.  
Commagene Journal of Biology, cilt.6, 2022 (Scopus)
- III. **In Vitro Evaluation Of Naproxen Metabolite, O-Desmethylnaproxen On A MouseConnective Tissue Fibroblast Cells**  
Çetin E., Aracagök Y. D., Göker H., Onur M. A., Cihangir N.  
Hacettepe Journal of Biology and Chemistry, cilt.49, sa.1, ss.25-36, 2021 (Hakemli Dergi)
- IV. **Decolorization of Reactive Blue 19 Dye by Bacillus megaterium Isolated from soil.**  
ERDEM Ö., ERKAN TÜRKMEN K., ERDÖNMEZ D., ARACAGÖK Y. D., CİHANGİR N.  
Hacettepe journal of biology and chemistry, cilt.47, sa.2, ss.193-201, 2019 (Hakemli Dergi)
- V. **Decolorization of Reactive Blue 24 Dye by Fennellia nivea**  
ARACAGÖK Y. D., AKYIL M. H., ERDEM Ö., CİHANGİR N.  
Eur Asia 2016 Waste Management Symposium Proceeding Book, ss.1-5, 2016 (Hakemli Dergi)

- VI. **Decolorization of Reactive Black 5 by Yarrowia lipolytica NBRC 1658**  
ARACAGÖK Y. D., CİHANGİR N.  
American Journal of Microbiological Research, cilt.1, ss.16-20, 2013 (Hakemli Dergi)

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Adsorption of Reactive Red 120 on Chitin**  
ARACAGÖK Y. D., TORUN M., KABALAK M.  
7th INTERNATIONAL CONGRESS on MOLECULAR BIOLOGY and BIOTECHNOLOGY, 25 - 27 Nisan 2018
- II. **Extraction and Physicochemical Properties of Chitins from Four Different Insect Species**  
KABALAK M., ARACAGÖK Y. D., TORUN M.  
The 3rd International Symposium on EuroAsian Biodiversity, 5 - 08 Temmuz 2017
- III. **Cadmium (II) Biosorption from Aqueous Solutions by Fennelia nivea Powder: Effect of Physicochemical Conditions**  
ÖĞÜN E., ARACAGÖK Y. D., CİHANGİR N., SANIN S. L.  
ICOCEE International Conference on Civil and Environmental Engineering, Türkiye, 8 - 10 Mayıs 2017
- IV. **Comparison of the Fennelia nivea Powder and Activated Charcoal on Bioremoval of Reactive Blue 24 Dye**  
AKYIL M. H., ARACAGÖK Y. D., CİHANGİR N.  
2nd International Conference on Environmental Science and Technology (ICOEST), 28 Eylül - 02 Ekim 2016
- V. **Decolorization of Reactive Red 120 Dye by Fennelia nivea Powder**  
AKYIL M. H., ERDEM Ö., ARACAGÖK Y. D., CİHANGİR N.  
European Biotechnology Congress, Riga, Litvanya, 5 - 07 Mayıs 2016, cilt.231, ss.587
- VI. **Decolorization of Reactive Blue 24 Dye by Fennelia nivea biomass**  
ARACAGÖK Y. D., AKYIL M. H., ERDEM Ö., CİHANGİR N.  
Eurasia 2016 Waste Management Symposium, İstanbul, Türkiye, 2 - 04 Mayıs 2016
- VII. **Decolorization of Reactive Red 120 and Infaset Black Dyes By Fennelia nivea Biomass**  
ERDEM Ö., ARACAGÖK Y. D., AKYIL M. H., CİHANGİR N.  
1 st International Conference on Environmental Science and Technology, Sarajevo, Bosna-Hersek, 9 - 13 Eylül 2015
- VIII. **Degradation of Naproxen by a Selected Fungal Strain**  
ARACAGÖK Y. D., CİHANGİR N., GÖKER A. H.  
6.Avrupa Biyoteknoloji Kongresi, 5 - 11 Haziran 2015
- IX. **Biodegradation of naproxen by Aspergillus niger and identification of some intermediates**  
ARACAGÖK Y. D., Goker H., CİHANGİR N.  
European Biotechnology Congress, Bratislava, Slovakya, 16 - 18 Mayıs 2013, cilt.24
- X. **Biodegradation of atrazine by Phanerochaete chrysosporium in optimized conditions**  
ARACAGÖK Y. D., Kolankaya N.  
European Biotechnology Congress, Bratislava, Slovakya, 16 - 18 Mayıs 2013, cilt.24

## Metrikler

Yayın: 27

Atf (WoS): 61

Atf (Scopus): 95

H-İndeks (WoS): 5

H-İndeks (Scopus): 5

## **Akademi Dışı Deneyim**

hacettepe