

Res. Asst. PhD YUSUF DORUK ARACAGÖK

Personal Information

Fax Phone: [+90 312 297 8024](tel:+903122978024)

Other Email: doruk@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/yusufdoruk.aracagok>

International Researcher IDs

ORCID: 0000-0002-0354-0817

ScopusID: 57212680007

Yoksis Researcher ID: 105731

Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Biyoloji/Biyoteknoloji, Turkey 2010 - 2016

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Turkey 2007 - 2010

Foreign Languages

English, B2 Upper Intermediate

Dissertations

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

Research Areas

Life Sciences, Biotechnology, Environmental Biotechnology, Natural Sciences

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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, vol.0, 2023 (SCI-Expanded)
- II. **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)
- III. **Biosorption of lead by a soil isolate *Aspergillus neoalliaceus***
ARACAGÖK Y. D.
ARCHIVES OF MICROBIOLOGY, vol.204, no.9, 2022 (SCI-Expanded)
- IV. **Biosorption of Remazol Brilliant Blue R dye onto chemically modified and unmodified *Yarrowia***

lipolytica biomass

ARACAGÖK Y. D.

ARCHIVES OF MICROBIOLOGY, vol.204, no.2, 2022 (SCI-Expanded)

- V. **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, vol.222, pp.386-393, 2021 (SCI-Expanded)
- VI. **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, vol.45, no.5, pp.1353-1365, 2021 (SCI-Expanded)
- VII. **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, vol.145, pp.402-409, 2020 (SCI-Expanded)
- VIII. **Biodegradation of diclofenac with fungal strains**
ARACAGÖK Y. D., Goker H., CİHANGİR N.
ARCHIVES OF ENVIRONMENTAL PROTECTION, vol.44, no.1, pp.55-62, 2018 (SCI-Expanded)
- IX. **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, vol.72, pp.173-179, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **An investigation of the Trypan blue dye's biosorption on fungal biomass**
ARACAGÖK Y. D.
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.13, no.3, pp.605-615, 2023 (Peer-Reviewed Journal)
- 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, vol.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, vol.49, no.1, pp.25-36, 2021 (Peer-Reviewed Journal)
- 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, vol.47, no.2, pp.193-201, 2019 (Peer-Reviewed Journal)
- V. **Decolorization of Reactive Blue 24 Dye by Fennelia nivea**
ARACAGÖK Y. D., AKYIL M. H., ERDEM Ö., CİHANGİR N.
Eur Asia 2016 Waste Management Symposium Proceeding Book., pp.1-5, 2016 (Peer-Reviewed Journal)
- VI. **Decolorization of Reactive Black 5 by Yarrowia lipolytica NBRC 1658**
ARACAGÖK Y. D., CİHANGİR N.
American Journal of Microbiological Research, vol.1, pp.16-20, 2013 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- 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 April 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 July 2017

III. **Cadmium (II) Biosorption from Aqueous Solutions by Fennelia nivea Powder: Effect of Physicochemical Conditions**

ÖĞÜN E., ARACAGÖK Y. D., CİHANGİR N., SANİN S. L.

ICOCEE International Conference on Civil and Environmental Engineering, Turkey, 8 - 10 May 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 September - 02 October 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, Lithuania, 5 - 07 May 2016, vol.231, pp.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, Turkey, 2 - 04 May 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, Bosnia And Herzegovina, 9 - 13 September 2015

VIII. **Degradation of Naproxen by a Selected Fungal Strain**

ARACAGÖK Y. D., CİHANGİR N., GÖKER A. H.

6.Avrupa Biyoteknoloji Kongresi, 5 - 11 June 2015

IX. **Biodegradation of naproxen by Aspergillus niger and identification of some intermediates**

ARACAGÖK Y. D., Goker H., CİHANGİR N.

European Biotechnology Congress, Bratislava, Slovakia, 16 - 18 May 2013, vol.24

X. **Biodegradation of atrazine by Phanerochaete chrysosporium in optimized conditions**

ARACAGÖK Y. D., Kolankaya N.

European Biotechnology Congress, Bratislava, Slovakia, 16 - 18 May 2013, vol.24

Metrics

Publication: 26

Citation (WoS): 46

Citation (Scopus): 71

H-Index (WoS): 4

H-Index (Scopus): 5