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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, 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

Academic Titles / Tasks

Associate Professor, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, 2024 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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, vol.40, no.5, 2024 (SCI-Expanded)

- II. **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)
- 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 neoallianceus
ARACAGÖK Y. D.
ARCHIVES OF MICROBIOLOGY, vol.204, no.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, vol.204, no.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, vol.222, pp.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, vol.45, no.5, pp.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, vol.145, pp.402-409, 2020 (SCI-Expanded)
- IX. 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)
- 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, 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 Mouse Connective 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 *Fennellia 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 Fennellia 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 Fennellia 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 Fennellia 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 Fennellia 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: 27
 Citation (WoS): 44
 Citation (Scopus): 95
 H-Index (WoS): 4
 H-Index (Scopus): 5

Non Academic Experience

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