

## Asst. Prof. Taha Yasin KOÇ

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### Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik Anabilim Dalı, Turkey 2018 - 2024

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Biyoloji Anabilim Dalı, Turkey 2011 - 2015

Undergraduate, Ataturk University, Fen Fakültesi, Biyoloji, Turkey 2007 - 2011

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

- I. **Isolation and characterization of piceatannol producing bacteria from soil in Erzurum, Turkey**  
Koc T. Y., GÜLLÜCE M., YILMAZ B., KARADAYI M.  
Cellular and molecular biology (Noisy-le-Grand, France), vol.70, no.6, pp.28-36, 2024 (SCI-Expanded)
- II. **Removal of crystal violet dye from aqueous solutions using Robinia pseudoacacia L. (Fabaceae) Fruits biosorbent**  
Güllüce E., KARADAYI M., Gülşahin Y., Çolak İ., KOÇ T. Y., HİDİROĞLU İSPİRLİ N., GÜLLÜCE M.  
International Journal of Phytoremediation, 2024 (SCI-Expanded)
- III. **Evaluation of the protective properties and genotoxic potential of pyrazolo pyridine derivatives against neutron and gamma radiation using the Ames/Salmonella test system**  
Aygün B., Alaylar B., TURHAN K., KARADAYI M., CİNAN E., TURGUT Z., Sezer T., SOLA V., Koc T. Y., KARABULUT A.  
International Journal of Radiation Biology, vol.100, no.8, pp.1213-1225, 2024 (SCI-Expanded)
- IV. **In Vitro Genotoxic and Antigenotoxic Effects of Ten Novel Synthesized 4-Thiazolidinone Derivatives**  
Alaylar B., GÜLLÜCE M., TURHAN K., Koç T. Y., KARADAYI M., TUĞCU F. T., Isaoglu M.  
Chemistry and Biodiversity, vol.20, no.9, 2023 (SCI-Expanded)
- V. **Isolation of Methylene Blue from Aqueous Solution Using a Fraxinus Excelsior L. (Oleaceae) Based Biosorbent: Isotherm, Kinetics, and Thermodynamics**  
Gulluce E., Koc T. Y., GÜLLÜCE M., KARADAYI M.  
ANALYTICAL LETTERS, vol.56, no.3, pp.422-432, 2023 (SCI-Expanded)
- VI. **Characterization of Bacterial Flora from Afsin-Elbistan Lignite Mine for Potential Microbial Biotech Applications**  
Sezen S., GÜLLÜCE M., KARADAYI M., Isik C., Alaylar B., Dogan S., Koc T. Y.  
GEOMICROBIOLOGY JOURNAL, vol.37, no.9, pp.798-803, 2020 (SCI-Expanded)
- VII. **Isolation and Molecular Identification of Fungi with Magnesite Enrichment Potential from KuMAS Quarries in Turkey**  
GÜLLÜCE M., Dogan S., KARADAYI M., Alaylar B., Koc T. Y., Sezen S.  
GEOMICROBIOLOGY JOURNAL, vol.37, no.7, pp.618-622, 2020 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Potential Using of Resveratrol and Its Derivatives in Medicine**

Koc T. Y., Dogan S., KARADAYI M.

Eurasian Journal of Medicine, vol.56, no.2, pp.136-141, 2024 (ESCI)

**II. Effect of Bacteriocins on the Intestinal Microbiota**

Dogan S., Koc T. Y., KARADAYI M.

EURASIAN JOURNAL OF MEDICINE, vol.55, 2023 (ESCI)

**III. The in-vitro Wound Healing Potential of Essential Oil Extracted from Mentha longifolia L.**

Sezen S., Ertuğrul M. S., Bayram C., Özkaraca M., Koç T. Y., Demir A. Y., Güllüce M., Hacımüftüoğlu A.

Journal of research in pharmacy (online), vol.27, no.3, pp.1220-1233, 2023 (ESCI)

**IV. Rhizospheric PGPR Strains of Wheat, Barley and Trefoil Grown in Ağrı Province**

ALAYLAR B., GÜLLÜCE M., KARADAYI M., KOÇ T. Y., KARADAYI G.

Türk Doğa ve Fen Dergisi, vol.10, pp.182-190, 2021 (Peer-Reviewed Journal)

**V. Adaption of COBRA Method for The Investigation of Nutrition-Based DNA Methylation Mechanism in Escherichia coli**

KOÇ T. Y., GÜLLÜCE M., ALAYLAR B., KARADAYI M.

Iğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, pp.2383-2393, 2020 (Peer-Reviewed Journal)

**VI. Isolation and Molecular Characterization of Bacterial Strains with Magnesite Enrichment Potential from Gümüşhane Soil**

DOĞAN S., KOÇ T. Y., ALAYLAR B., KARADAYI M., GÜLLÜCE M., İSAOĞLU M.

International Journal of Scientific & Engineering Research, 2019 (Peer-Reviewed Journal)

**VII. Lignocellulosic Bioethanol-Producing Fusarium Isolates from the Eastern Anatolia**

KARADAYI M., GÜLLÜCE M., ALAYLAR B., KOÇ T. Y., İSAOĞLU M.

Lignocellulosic Bioethanol-Producing Fusarium Isolates from the Eastern Anatolia, 2018 (Peer-Reviewed Journal)

**VIII. Epigenetics: An Innovative Approach for Biotechnology and Food Science**

GÜLLÜCE M., ALAYLAR B., KOÇ T. Y., KARADAYI M.

International Journal of Bioscience, Biochemistry and Bioinformatics, vol.4, 2014 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

**I. Isolation and molecular characterization of fungi with magnesite enrichment potential**

DOĞAN S., KOC T. Y., KARADAYI M., ALAYLAR B., SEZEN S., GÜLLÜCE M.

European Biotechnology Conference, Latvia, 5 - 07 May 2016, vol.231

## Metrics

Publication: 17

Citation (WoS): 6

Citation (Scopus): 9

H-Index (WoS): 2

H-Index (Scopus): 2