

Asst. Prof. ZEKİYE KOCAKAYA

Personal Information

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Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Turkey 2012 - 2016

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Turkey 2009 - 2011

Undergraduate, Erciyes University, Fen Fakültesi, Biyoloji , Turkey 2005 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Türkiye'de Yayılış Gösteren Candelariella Türlerinin Morfo-Anatomik Karakterleri ve Multilokus Moleküler Sekans Analizleri İle Modern Revizyonu, Erciyes University, Fen Bilimleri Enstitüsü, 2016

Postgraduate, Akdağmadeni (Yozgat) ve Gemerek (Sivas) Makromantarları, Erciyes University, Fen Bilimleri Enstitüsü, 2011

Research Areas

Life Sciences, Plant Biology, Molecular Biology and Genetics, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Kayseri University, Yahyalı Meslek Yüksekokulu, Gıda İşleme Bölümü, 2021 - Continues

Assistant Professor, Yozgat Bozok University, Vocational School, 2016 - 2021

Lecturer, Yozgat Bozok University, Vocational School, 2013 - 2016

Expert, Duzce University, Faculty Of Arts And Sciences, Department Of Biology, 2011 - 2013

Academic and Administrative Experience

Erasmus Coordinator, Kayseri University, Lisansüstü Eğitim Enstitüsü, 2021 - Continues

Head of Department, Yozgat Bozok University, Boğazlıyan Meslek Yüksekokulu, Bitkisel Ve Hayvansal Üretim, 2013 - 2021

Birim Kalite Komisyonu Üyesi, Yozgat Bozok University, Boğazlıyan Meslek Yüksekokulu, Bitkisel Ve Hayvansal Üretim, 2017 - 2020

Mevlana Exchange Program Coordinator, Yozgat Bozok University, Boğazlıyan Meslek Yüksekokulu, Bitkisel Ve Hayvansal Üretim, 2013 - 2020

Farabi Coordinator, Yozgat Bozok University, Boğazlıyan Meslek Yüksekokulu, Bitkisel Ve Hayvansal Üretim, 2013 - 2020
Yüksekokul Yönetim Kurulu Üyesi, Yozgat Bozok University, Boğazlıyan Meslek Yüksekokulu, Bitkisel Ve Hayvansal Üretim, 2013 - 2020
Erasmus Coordinator, Yozgat Bozok University, Boğazlıyan Meslek Yüksekokulu, Bitkisel Ve Hayvansal Üretim, 2013 - 2020

Courses

Bitki Fizyolojisi, Associate Degree, 2021 - 2022
Toprak Bilgisi, Associate Degree, 2021 - 2022
LİKEN SİSTEMATİĞİ, Postgraduate, 2019 - 2020
PCR TEKNİKLERİ, Postgraduate, 2019 - 2020
BİTKİ FİZYOLOJİSİ, Undergraduate, 2018 - 2019
İLERİ MİKOLJİ, Postgraduate, 2019 - 2020
Mikoloji, Undergraduate, 2019 - 2020
GENOMLARIN MOLEKÜLER ANALİZİ, Postgraduate, 2019 - 2020
BİYOİNFORMATİK, Undergraduate, 2018 - 2019
BOTANİK I, Undergraduate, 2018 - 2019
BOTANİK, Associate Degree, 2018 - 2019
KÜLTÜR MANTARI ÜRETİM TEKNİKLERİ, Associate Degree, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **New or otherwise interesting records of Cladonia species from Turkey**
Kocakaya M., Halıcı M. G., Ahti T., Kocakaya Z.
HERZOGIA, vol.31, no.1, pp.327-331, 2018 (Journal Indexed in SCI)
- II. **Henfellra muriformis gen. et sp nov., a new dictyosporous pycnidial fungus on Candelariella, with a key to the lichenicolous fungi known from that genus**
Hawksworth D. L., HALICI M. G., Kocakaya Z., Kocakaya M.
HERZOGIA, vol.29, no.2, pp.329-336, 2016 (Journal Indexed in SCI)
- III. **Phoma candelariellae sp nov., a lichenicolous fungus from Turkey**
Kocakaya Z., HALICI M. G., Kocakaya M.
MYCOTAXON, vol.130, no.4, pp.1185-1189, 2015 (Journal Indexed in SCI)
- IV. **New Acrocordia & Candelariella records for Turkey**
Kocakaya Z., HALICI M. G.
Mycotaxon, vol.130, no.4, pp.1203-1208, 2015 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Comparative analyses of antioxidant, cytotoxic and anti-inflammatory activities of different Cladonia species and determination of fumarprotocetraric acid amounts**
Kocakaya Z., Kocakaya M., Şeker Karatoprak G.
KSU J. Agric Nat, vol.0, no.0, 2021 (Journal Indexed in ESCI)
- II. **A New Lichenicolous Fungus Record from The Camlik National Park (Yozgat, Turkey), Tremella candelariellae (Basidiomycota, Tremellales)**
Kocakaya Z., Kocakaya M., Barak M. U.
KSU TARIM VE DOGA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.23, no.2, pp.387-390, 2020 (Journal Indexed in ESCI)

- III. **A new lichen record for the Asia: *Parmelia barrenoae* Divakar, M.C. Molina & A. Crespo, Supported by Molecular Data from Turkey**
Kocakaya M., Kocakaya Z., Kaya D., Barak M. Ü.
Biological Diversity and Conservation, vol.11, no.3, pp.197-201, 2018 (Refereed Journals of Other Institutions)
- IV. **A New Lichenicolous Fungus Record From The Turkey, *Tremella macrobasidiata* (Basidiomycota, Tremellales)**
Kocakaya M., Kocakaya Z., Kaya D., Barak M. Ü.
Journal of Natural and Applied Sciences , vol.22, no.1, pp.95-97, 2018 (International Refereed University Journal)
- V. **Lichenized and lichenicolous fungi of bakirdağ (Kayseri, Adana)**
HALICI M., KOCAKAYA M. N. , Kiriş Z.
Acta Botanica Hungarica, vol.56, pp.319-332, 2014 (Refereed Journals of Other Institutions)
- VI. **Macrofungi of Akdağmadeni (Yozgat/Turkey) and Gemerek (Sivas/Turkey)**
Kocakaya Z., Halıcı M. G. , Akata I., Allı H.
Biological Diversity and Conservation, vol.5, no.2, pp.53-58, 2012 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Ecology of *Candelariella* Distributed in Turkey**
Kocakaya Z., Halıcı M. G.
The 3rd International Symposium on EuroAsian Biodiversity, Minsk, Belarus, 5 - 08 July 2017, pp.225
- II. **Morphological Anatomical and Molecular Distinction of Systematically Confused *Cladonia conista* and *Cladonia humilis***
Kocakaya Z., Kocakaya M., Barak M. Ü. , Aygül E. Ö.
2nd International Eurasian Mycology Congress (EMC'2019), Konya, Turkey, 6 - 09 September 2019, pp.154
- III. **Morphological Anatomical and Molecular Distinction of Systematically Confused *Cladonia Coniocraea* and *Cladonia Ochrochlora***
Kocakaya Z., Kocakaya M., Barak M. Ü. , Aygül E. Ö.
2nd International Eurasian Mycology Congress (EMC'2019), Konya, Turkey, 6 - 09 September 2019, pp.155
- IV. **Species Belonging to *Cladonia Chlorophaea* Group Distributed in Turkey. Oral Presentations**
Kocakaya M., Kocakaya Z., Barak M. Ü.
2nd International Eurasian Mycology Congress (EMC'2019), Konya, Turkey, 4 - 06 September 2019, pp.130
- V. **Ecology of *Cladonia furcata* Group Distributed In Turkey**
Kocakaya M., Halıcı M. G. , Kocakaya Z.
The 4rd International Symposium on EuroAsian Biodiversity, Kyiv, Ukraine, 3 - 06 July 2018, pp.78
- VI. **Cytotoxic Effects of Methanolic Extracts from Different *Cladonia* Species on Human Lung Carcinoma (A549) Cell Line**
Kocakaya M., Şeker Karatoprak G., Kocakaya Z.
The 4rd International Symposium on EuroAsian Biodiversity, Kyiv, Ukraine, 3 - 06 July 2018, pp.244
- VII. **Ecological Characteristics of *Cladonia foliacea* Group Lichenes Distribution in Turkey**
Kocakaya M., Halıcı M. G. , Barak M. Ü. , Kocakaya Z.
International Ecology 2018 Symposium, Kastamonu, Turkey, 19 - 23 June 2018, pp.569
- VIII. **Cytotoxic Effects of Methanolic Extracts from Different *Cladonia* Species on Human Lung Carcinoma (A549) Cell Line**
Kocakaya Z., Şeker Karatoprak G., Kocakaya M.
International Ecology 2018 Symposium, Kastamonu, Turkey, 19 - 23 June 2018, pp.1011
- IX. **Lichenicolous Fungi Species From Çamlık National Park (Yozgat)**
Kocakaya M., Kocakaya Z., Barak M. Ü.
International Ecology 2018 Symposium, Kastamonu, Turkey, 19 - 23 June 2018, pp.501
- X. **Cytotoxic Effects of Methanolic Extracts from Different *Cladonia* Species on Human Colon Cancer Cell Line**

Kocakaya Z., Şeker Karatoprak G., Kocakaya M., Barak M. Ü.

International Ecology 2018 Symposium, Kastamonu, Turkey, 19 - 23 June 2018, pp.1055

- XI. **Cytotoxic Effects of Methanolic Extracts from Different Cladonia Species on Human Colon Cancer Cell Line**
Kocakaya Z., Şeker Karatoprak G., Kocakaya M.
1st. International Plant Biology Congress, Konya, Turkey, 10 - 12 May 2018, pp.431
- XII. **Türkiye’den İkinci Kez Rapor Edilen Cladonia Türleri ve Ekolojik Özellikleri**
Kocakaya Z., Kocakaya M., Halıcı M. G.
1st. International Plant Biology Congress, Konya, Turkey, 10 - 12 May 2018, pp.47
- XIII. **Cytotoxic Effects of Methanolic Extracts from Different Cladonia Species on Human Lung Carcinoma (A549) Cell Line**
Şeker Karatoprak G., Kocakaya Z., Kocakaya M.
1st. International Plant Biology Congress, Konya, Turkey, 10 - 12 May 2018, pp.430
- XIV. **Türkiye’den Nadir Kaydedilen Bir Likenikol Fungus Türü Arthonia subfuscolata (Linds.) Triebel**
Kocakaya Z., Kocakaya M., Barak M. Ü.
3rd International Bozok Symposium Regional Development and Socio-Cultural Structure , Yozgat, Turkey, 3 - 05 May 2018, pp.1466-1468
- XV. **Yozgat Bölgesinde Yetişen Bazı Zehirli Mantarlar**
Kocakaya Z., Kocakaya M., Barak M. Ü.
3rd International Bozok Symposium Regional Development and Socio-Cultural Structure , Yozgat, Turkey, 3 - 05 May 2018, pp.1469-1479
- XVI. **Pseudevernia furfuracea’ın Bazı Biyoaktif Özelliklerinin Belirlenmesi ve Solvent Optimizasyonu**
Doğan N., Kocakaya Z., Doğan C., Çam M.
International Symposium on Medicinal Aromatic and Dye plants (REYHAN 2017) , Malatya, Turkey, 10 - 12 October 2017, pp.375
- XVII. **A common but rarely reported calcicole lichen: Candelariella plumbea and its ecological, morphological and anatomical differences with Candelariella aurella**
Kocakaya Z., Halıcı M. G.
1st International Eurasia Mycology Congress , Manisa, Turkey, 3 - 05 July 2017, pp.80
- XVIII. **Akdağmadeni Yozgat İli’nden Türkiye İçin Yeni Kayıt Bir Makromantar Türü Chalciaporus amarellus Quél Bataille**
Kocakaya Z.
I. Uluslararası Bozok Sempozyumu, Yozgat, Turkey, 5 - 07 May 2016, pp.221-224
- XIX. **Evaluation of Genotoxic Effects of Propineb in Mice Using Micronucleus Assay**
Rasgele P. G. , Gökalp Muranlı F. D. , Kekeçoğlu M., Kaya S. T. , Kocakaya Z.
. International conference on Environmental science and Technology, Nevşehir, Turkey, 18 - 21 June 2013, pp.539-540
- XX. **Lichens and Lichenicolous Fungi around Gökpınar Lake Gürün Sivas Turkey**
Akgül H. E. , Halıcı M. G. , Kocakaya M., Kocakaya Z.
IV Congress of Ecologists of Macedonia, Ohrid, Macedonia, 12 - 15 October 2012, pp.47-49
- XXI. **Gevne Vadisi’nden (Konya-Antalya) Türkiye İçin Yeni Kayıt Bir Liken Türü: Fulgensia klementii (Teloschistaceae, liken oluşturan Ascomycetes)**
Kocakaya M., Aksoy A., Kocakaya Z.
21. Ulusal Biyoloji Kongresi, İzmir, Turkey, 3 - 07 September 2012, pp.597-598

Supported Projects

KOCAKAYA Z., DUMAN F., YILMAZ E., KOCAKAYA M., Project Supported by Higher Education Institutions, Yozgat Çamlık Milli Parkı'ndaki Likenlerde Hava Kaynaklı Mikroplastik Birikimlerinin Belirlenmesi, 2021 - Continues
Kocakaya Z., Kocakaya M., Şeker Karatoprak G., İlgün S., Ceylan A., Çadır M., TUBİTAK Project, Türkiye'deki

Xanthoparmelia (Parmeliaceae, Ascomycota) Cinsinin Taksonomik ve Filogenetik Revizyonu, Sekonder Metabolitlerinin Belirlenmesi, Antienflamatuar ve Antiproliferatif Aktivitelerinin Tayini, 2021 - 2023
Kocakaya Z., Kocakaya M., Şeker Karatoprak G., Project Supported by Higher Education Institutions, Türkiye’de yayılış gösteren bazı Cladonia türlerinin Antioksidan Aktiviteleri ve Sitotoksik etkilerinin Araştırılması, 2017 - 2021
Kocakaya Z., Kılıç Yayla S., Project Supported by Higher Education Institutions, Türkiye’de yayılış gösteren bazı Ramalina (Ach.) türlerinin biyolojik aktiviteleri yönünden incelenmesi, 2019 - 2020
Kocakaya Z., Kocakaya M., Project Supported by Higher Education Institutions, • Yozgat Çamlığı Milli Parkı Likenlerinin Moleküler Yönden İncelenmesi. Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi , 2017 - 2019
Kocakaya Z., Halıcı M. G. , Project Supported by Higher Education Institutions, Türkiye’de Yayılış Gösteren Candelariella Türlerinin Morfo-Anatomik Karakterleri ve Multilokus Moleküler Sekans Analizleri İle Modern Revizyonu, 2014 - 2016
Kocakaya Z., Halıcı M. G. , Project Supported by Higher Education Institutions, Akdağmadeni (Yozgat) ve Gemerek (Sivas) Makromantarları, 2009 - 2011

Citations

Total Citations (WOS):13

h-index (WOS):2