

Lect. PhD BURCU YÜKSEL

Personal Information

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Education Information

Doctorate, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji (Dr), Turkey 2014 - 2017

Post Graduate, Dumlupınar Üniversitesi, Turkey 2008 - 2010

Under Graduate, Ege Üniversitesi, Fen Fakültesi, Biyokimya Bölümü, Turkey 2003 - 2008

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Cytotoxic, biochemical and genotoxic effects of coumarin on lentil plant (*Lens culinaris Medik.*), Kocaeli University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, 2017

Post Graduate, Yeni proton transfer bileşiklerinin antiglokom aktivitesinin incelenmesi, 2010

Research Areas

Life Sciences, Biochemistry, Biomolecules, Bioinformatics, Molecular Biology and Genetics, Natural Sciences

Academic Titles / Tasks

Lecturer PhD, Kocaeli University, Tıbbi Hizmetler Ve Teknikler Bölümü, 2011 - Continues

Lecturer, Bilecik Şeyh Edebali Üniversitesi, Pazaryeri Meslek Yüksekokulu, Sağlık Programları Bölümü, 2010 - 2011

Academic and Administrative Experience

Kocaeli Üniversitesi, Kocaeli Sağlık Hizmetleri Meslek Yüksekokulu, 2013 - Continues

Deputy Head of Department, Kocaeli University, Sağlık Programları Bölümü, 2014 - 2020

Kocaeli Üniversitesi, Kocaeli Sağlık Hizmetleri Meslek Yüksekokulu, 2012 - 2019

Courses

Introduction to Endocrinology, Under Graduate, 2020 - 2021

Medical Laboratory Applications-II, Associate Degree, 2019 - 2020
HISTOLOGY LABORATORY, Under Graduate, 2019 - 2020
SAĞLIKLI YAŞAM VE BESLENME, Associate Degree, 2019 - 2020
HISTOLOGY, Under Graduate, 2019 - 2020
FİZYOLOJİ, Associate Degree, 2018 - 2019
HEMATOLOJİ, Associate Degree, 2018 - 2019
KLİNİK BİYOKİMYA, Associate Degree, 2018 - 2019
TIBBİ TERMİNOLOJİ, Associate Degree, 2016 - 2017

Advising Theses

YÜKSEL B., Bazı isothiazolinone bileşiklerinin uygulandığı Pisum sativum L. da sıvı vermikompostun iyileştirici etkilerini araştırılması, Post Graduate, D.AYDIN(Student), Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Determination of cytogenetic abnormalities in buccal mucosa of dental laboratory technicians**
YÜKSEL B., ARSAL YILDIRIM S.
ARCHIVES OF ENVIRONMENTAL & OCCUPATIONAL HEALTH, 2021 (Journal Indexed in SCI)
- II. **The cytological and molecular investigation of the toxic effects of the herbicide Roundup on Cucumis sativus**
YÜKSEL B., AKSOY Ö., Karatas M.
CARYOLOGIA, vol.74, no.1, pp.3-12, 2021 (Journal Indexed in SCI)
- III. **Investigation of morphological abnormalities in red blood cells among dental laboratory technicians**
Yüksel B.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.5, pp.1-9, 2021 (Journal Indexed in SCI)
- IV. **Analysis of the effects of coumarin on Lens culinaris Medik by some biochemical parameters using real-time polymerase chain reaction**
YÜKSEL B., AKSOY Ö.
LEGUME RESEARCH, vol.42, no.5, pp.640-645, 2019 (Journal Indexed in SCI)
- V. **CYTOLOGICAL EFFECTS OF COUMARIN ON THE MITOSIS OF LENS CULINARIS MEDIK**
YÜKSEL B., AKSOY Ö.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.11, pp.6400-6407, 2017 (Journal Indexed in SCI)
- VI. **Synthesis and characterisation of two novel proton transfer compounds and their inhibition studies on carbonic anhydrase isoenzymes**
YÜKSEL B., BÜLBÜL M.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.26, pp.104-114, 2010 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Investigation of Neuregulin-1 Gen rs6994992 Polymorphism in Gifted Students in Turkish Population**
POLAT F., Bayram T. B., YÜKSEL B.
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.20, no.6, pp.1337-1343, 2020 (Refereed Journals of Other Institutions)
- II. **Su Stresi Koşullarında Bitkilerde Gözlenen Değişimler**
YÜKSEL B., AKSOY Ö.

Books & Book Chapters

- I. **MUTAGENIC POTENTIAL OF THE INSECTICIDE ARRIVO 25 EC ON MITOSIS AND MEIOSIS OF HYACINTHUS ORIENTALIS**
AKSOY Ö., HOROZAL A., YÜKSEL B.
in: ADVANCES IN HEALTH AND NATURAL SCIENCES, YÜKSEL BURCU, KARAGÜL MUSTAFA SENCER, Editor, NOVA SCIENCE PUBLISHERS, New-York, pp.139-154, 2018
- II. **A Review of Studies on the Application of Coumarin and its Derivatives in Plants**
YÜKSEL B.
in: Advances in Health and Natural Sciences, YÜKSEL BURCU, KARAGÜL SENCER MUSTAFA, Editor, Nova Science Publishers, New-York, pp.97-114, 2018
- III. **Healthy Life and Nutrition**
YÜKSEL B.
in: Developments in Health Sciences, OZDEMİR Bulent, SHAPEKOVA Nelya L. , AK Bilal, YILDIZ Hicran, OZCANARSLAN Fugen , IVANOVA Lyudmila, Editor, ST. KLIMENT OHRIDSKI UNIVERSITY PRESS, Sofya, pp.473-478, 2017

Supported Projects

AKSOY Ö., YÜKSEL B., Project Supported by Higher Education Institutions, KUMARİNİN MERCİMEK BİTKİSİ (LENSCULİNARİS MEDİK) ÜZERİNDEKİ MOLEKÜLER VE BİYOKİMYASAL ETKİLERİNİN ARAŞTIRILMASI, 2016 - 2018

Citations

Total Citations (WOS):3

h-index (WOS):1

Awards

YÜKSEL B., Genç araştırmacı ödülü, Uluslararası akademik ve uygulamalı bilimler kongresi, October 2018