

Asst. Prof. NERGİS KAYA

Personal Information

Office Phone: [+90 286 316 2878](tel:+902863162878) Extension: 3819

Email: nergiskaya@comu.edu.tr

Web: <https://avesis.comu.edu.tr/nergiskaya>

Address: Çanakkale Onsekiz Mart Üniversitesi Biga Meslek Yüksekokulu Şirintepe Mah. Kıbrıs Şehitleri Cad. No: 37 17200 Biga / ÇANAKKALE

Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Biyoloji, Turkey 2012 - 2016

Post Graduate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Biyoloji, Turkey 2010 - 2012

Post Graduate, Bursa Uludağ University, Eğitim Bilimleri Enstitüsü, Biyoloji Öğretmenliği, Turkey 2009 - 2010

Under Graduate, Bursa Uludağ University, Fen Edebiyat Fakültesi, Biyoloji, Turkey 2005 - 2009

Dissertations

Doctorate, Bitki büyüme düzenleyicilerinin *Calendula officinalis* L. ve *C. arvensis* L. türlerinin hücre süspansiyon kültürlerinde belirli sekonder metabolitler üzerine etkileri, Canakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, Biyoloji, 2016

Post Graduate, *Catharanthus roseus* (L.) G. Don. türünde bitki büyüme düzenleyicilerinin in vitro somaklonal varyasyon üzerine etkilerinin belirlenmesi, Canakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, Biyoloji, 2012

Research Areas

Food Engineering, Food Technology, Life Sciences, Plant Biology, Plant Tissue Culture, Biotechnology, Plant Biotechnology, Molecular Biology and Genetics, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Canakkale Onsekiz Mart University, Biga Meslek Yüksekokulu, Gıda İşleme, 2018 - Continues

Courses

Kimya I, Associate Degree, 2018 - 2019

Gıdalarda Temel İşlemler II, Associate Degree, 2017 - 2018

Kimya II, Associate Degree, 2018 - 2019

Gıda Biyoteknolojisi, Associate Degree, 2017 - 2018, 2018 - 2019

Gıdalarda Temel İşlemler II, Associate Degree, 2018 - 2019

Tahıl Teknolojisi I, Associate Degree, 2018 - 2019

Gıdalarda Temel İşlemler I, Associate Degree, 2018 - 2019

Kimya II, Associate Degree, 2017 - 2018

Laboratuvar Teknikleri, Associate Degree, 2017 - 2018, 2018 - 2019

Çevre Koruma, Associate Degree, 2017 - 2018, 2018 - 2019
Gıda Kimyası, Associate Degree, 2017 - 2018, 2018 - 2019
Kimya 1, Associate Degree, 2017 - 2018
Gıdalarda Temel İşlemler 1, Associate Degree, 2017 - 2018
Tahıl Teknolojisi 1, Associate Degree, 2017 - 2018

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

- I. **Evaluation of Genotoxicity and Cytotoxicity of Dodine (1-Dodecylguanidium acetate) by Allium Test**
ÇÖRDÜK N., AKINCI N., yücel g., KAYA N., AKI C.
FRESENIUS ENVIRONMENTAL BULLETIN, pp.4527-4531, 2015 (Journal Indexed in SCI Expanded)
- II. **EVALUATION OF GENOTOXICITY AND CYTOTOXICITY OF DODINE (1-dodecylguanidium acetate) BY Allium TEST**
ÇÖRDÜK N., AKINCI N., Yucel G., KAYA N., AKI C.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.24, pp.4527-4531, 2015 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **CYTOTOXIC AND GENOTOXIC EFFECTS OF TRIACETIN (GLYCEROL TRIACETATE) ON ALLIUM CEPA ROOT TIP**
KAYA N.
American Journal of Innovative Research and Applied Sciences, vol.11, pp.1-4, 2020 (Refereed Journals of Other Institutions)
- II. **The Effect of Plant Growth Regulators on Caffeic Acid and Beta Carotene Quantity in The Cell Suspension Cultures of Calendula officinalis L. and Calendula arvensis L.**
KAYA N., AKI C.
American Journal of Innovative Research and Applied Sciences, vol.10, pp.15-23, 2020 (Refereed Journals of Other Institutions)
- III. **Effects of Several Plant Growth Regulators on Cell Biomass in Suspension Culture of Marigold**
KAYA N.
Journal of Agriculture and Horticulture, vol.2, pp.1-10, 2020 (Other Refereed National Journals)
- IV. **The Effect of Some Plant Growth Regulators on Cell Biomass in the Cell Suspension Culture of Calendula officinalis L. and Calendula arvensis L. Species**
KAYA N.
International Journal of Science and Research, vol.8, pp.1719-1728, 2019 (Refereed Journals of Other Institutions)
- V. **In Vitro Effects of Plant Growth Regulators on Callus Formation in Calendula officinalis L. and Calendula arvensis L. Species**
KAYA N., AKI C.
Annals of Biological Research, vol.8, pp.1-7, 2017 (Refereed Journals of Other Institutions)
- VI. **Effects of dodine on total protein content and peroxidase activity in Vicia faba L.**
ÇÖRDÜK N., AKINCI N., Kaya N., Yücel G., AKI C.
Sakarya University Journal Of Science, vol.20, pp.627-633, 2016 (National Refreed University Journal)
- VII. **Effect of Plant Growth Regulators on In Vitro Biomass Changing in Catharanthus roseus (L.) G Don.**
Kaya N., AKI C.
Annals of Biological Research,4 (4):164-168, vol.4, pp.164-168, 2013 (Refereed Journals of Other Institutions)
- VIII. **Effect of Plant Growth Regulators on In vitro Biomass Changing in Catharanthus roseus (L.) G. Don.**
KAYA N., AKI C.
Annals of Biological Research, vol.4, pp.164-168, 2013 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Ferro glukonat'ın Sitotoksik Etkisinin Allium cepa Testi ile Belirlenmesi**
KAYA N.
International Eurasian Conference on Biological and Chemical Sciences (Biochem2019), Ankara, Turkey, 28 - 29 June 2019, pp.1377-1384
- II. **Effect Of Gibberellic Acid, Chilling, Salinity, Acid Treatments and Active Carbon On Seed Germination Of Calendula officinalis L. and Calendula arvensis L. Species**
KAYA N., AKI C.
1st International Symposium on Biodiversity Research, Çanakkale, Turkey, 2 - 04 May 2019, pp.496
- III. **Determination Of Caffeic Acid and Beta Carotene Amount In The Leaves Of Calendula officinalis and Calendula arvensis Species Grown Under In Vivo and In Vitro Condition**
KAYA N., AKI C.
1st International Symposium on Biodiversity Research, Çanakkale, Turkey, 2 - 04 May 2019, pp.497-503
- IV. **Genotoxic and Cytotoxic Effects of Proquinazid on Root Cells of Allium cepa L.**
ÇÖRDÜK N., AKINCI N., KIPRAK R. Ö., Kaya N., AKI C.
International Academy of Arts, Science & Technology, Antalya, Turkey, 11 - 12 June 2015, vol.1, no.1, pp.100
- V. **Dodin Fungusitine Karşı Vicia faba Bitkisinde Savunma Yanıtı**
AKINCI N., Yücel G., ÇÖRDÜK N., KAYA N., AKI C.
22. Ulusal Biyoloji Kongresi (Uluslararası katılımlı), Eskişehir, Turkey, 23 - 27 June 2014, pp.944
- VI. **Genotoxic Effects of Dodine (1-Dodecylguanidium Acetate) on Root Cells of Allium cepa**
ÇÖRDÜK N., AKINCI N., Yücel G., KAYA N., AKI C.
The Second Scientific Conference on Ecology, Plovdiv, Bulgaria, 01 November 2013, pp.68
- VII. **Catharanthus roseus (L.) G. Don Bitkisinin In Vitro Biyokütle Değişimi Üzerine Bitki Büyüme Düzenleyicilerinin Etkileri.**
Kaya N., AKI C.
21. Ulusal Biyoloji Kongresi (Uluslararası Katılımlı) Ege Üniv., Fen Fak., İzmir, Turkey, 1 - 04 September 2012, pp.814

Supported Projects

KAYA N., Project Supported by Higher Education Institutions, Ferro Glukonat Gıda Katkı Maddesinin Allium cepa L Kök Ucu Hücrelerindeki Sitotoksik ve Genotoksik Etkisi, 2018 - 2019

Scientific Refereeing

GÜMÜŞHANE ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, May 2020
Journal of Microbiology, Biotechnology and Food Sciences, Journal Indexed in ESCI, January 2019

Citations

Total Citations (WOS):1

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