



## DOÇ. SERTAN ÇEVİK

### Kişisel Bilgiler

Eposta: scevik@harran.edu.tr

Birimi : Gen Mühendisliği

Dahili : 1268

### Makaleler (YOKSIS)

- 1 Anatomical and palynological characteristics of endemic *Onosma polyantha* DC. and *Onosma mitis* Boiss. & Heldr. from Turkey**  
SUNA HÜSEYİN, TİMUR Macide Burcu, ÇEVİK SERTAN, BİNZET RIZA  
Pakistan Journal of Botany, [http://dx.doi.org/10.30848/pjb2021-6\(25\)](http://dx.doi.org/10.30848/pjb2021-6(25))
- 2 Benchmarking of the Effects of Salinity on Antioxidant Enzymes Activities, Lipid Peroxidation and H<sub>2</sub>O<sub>2</sub> Levels in the Leaves of Two *Zinnia* Species**  
YASEMİN SARA, GÜZEL DEĞER AYŞİN, ÇEVİK SERTAN, KÖKSAL NEZİHE  
KSU Journal of Agriculture and Nature, <http://dx.doi.org/10.18016/ksutarimdog.vi.741890>
- 3 Beta-carbonic anhydrase gene expression levels change depending on the drought severity in both the leaves and roots of *Arabidopsis thaliana***  
ÇEVİK SERTAN, KURT OĞUZHAN, GÜZEL DEĞER AYŞİN, KOCAÇINAR FERİT, BİNZET RIZA  
The Scientific and Technological Research Council of Turkey (TUBITAK-ULAKBİM) - DIGITAL COMMONS JOURNALS, <http://dx.doi.org/10.55730/1300-008x.2783>
- 4 Cadmium-induced antioxidant status and sister-chromatid exchanges in *Vicia faba* L.**  
ÜNYAYAR SERPİL, GÜZEL DEĞER AYŞİN, ÇELİK AYLA, ALBAYRAK FAZİLET ÖZLEM, ÇEVİK SERTAN  
Turkish Journal of Biology, <http://dx.doi.org/10.3906/biy-0901-27>
- 5 Comparative physiological and leaf proteome analysis between drought-tolerant chickpea *Cicer reticulatum* and drought-sensitive chickpea *C. arietinum***  
ÇEVİK SERTAN, AKPINAR GÜRLER, YILDIZLI AYTUNÇ, KASAP MURAT, KARAOSMANOĞLU YÖNETEN KÜBRA, ÜNYAYAR SERPİL  
Journal of Biosciences, <http://link.springer.com/10.1007/s12038-018-9836-4>
- 6 Dışsal sentetik inositol türevi (Allo-İnositol) uygulamasının *Capsicum chinense* bitkisinin tuz (NaCl) toleransı üzerine etkisi**  
Özkoku Gizem, ÇEVİK SERTAN, ÜNYAYAR SERPİL  
ANADOLU JOURNAL OF AGRICULTURAL SCIENCES, <https://dergipark.org.tr/tr/doi/10.7161/omuanajas.556100>

- 7 Effects of exogenous myo-inositol on leaf water status and oxidative stress of *Capsicum annuum* under drought stress**  
YILDIZLI AYTUNÇ,ÇEVİK SERTAN,ÜNYAYAR SERPİL  
Acta Physiologiae Plantarum,
- 8 Effects of Severe Drought Stress on Some Physiological and Biochemical Parameters of AMF Inoculated *C. arietinum***  
ÇEVİK SERTAN  
Yüzüncü Yıl Üniversitesi Tarım Bilimleri Dergisi,<http://dx.doi.org/10.29133/yyutbd.870384>
- 9 GENETIC RELATIONSHIPS BETWEEN CULTIVARS OF *Cicer arietinum* AND ITS PROGENITOR GROWN IN TURKEY DETERMINED BY USING THE SSR MARKERS**  
ÇEVİK SERTAN,ÜNYAYAR SERPİL,ERGÜL ALİ  
Turkish Journal Of Field Crops,<http://dergipark.ulakbim.gov.tr/tjfc/article/view/5000119269>
- 10 Impacts of nano-TiO<sub>2</sub> on the initial development stages of barley seedlings under salinity**  
GÜZEL DEĞER AYŞİN, ÇEVİK SERTAN  
Mediterranean Agricultural Sciences,<http://dx.doi.org/10.29136/mediterranean.816107>
- 11 Investigating the using potential of Schiff base molecule as an exogenous antioxidant on barley seeds under salt stress conditions**  
ÇEVİK SERTAN  
Plant Introduction,<http://dx.doi.org/10.46341/pi2022018>
- 12 Morphological and physiological variation in drought tolerance of wheat landraces originated from southeast Türkiye**  
BUDAK Kübra, AKTAŞ HÜSNÜ, ÇEVİK SERTAN  
Mediterranean Agricultural Sciences,<http://dx.doi.org/10.29136/mediterranean.1085160>
- 13 Osmoprotectant and antioxidant effects of new synthesized 6-(2-hydroxyethyl)cyclohex-3-enol on barley under drought stress**  
Yıldız Bekfelavi Esen,YILDIZLI AYTUNÇ,ŞİMŞEK KUŞ NERMİN,ÇEVİK SERTAN,ÜNYAYAR SERPİL  
Biologia Futura,<http://dx.doi.org/10.1007/s42977-020-00058-w>
- 14 Proteomic and Physiological Analyses of dl-Cyclopentane-1,2,3-triol-Treated Barley Under Drought Stress**  
ÇEVİK SERTAN,GÜZEL DEĞER AYŞİN,YILDIZLI AYTUNÇ,Doğanyığıt Neslihan,Gök Ayşe,ÜNYAYAR SERPİL  
PLANT MOLECULAR BIOLOGY REPORTER,<http://link.springer.com/10.1007/s11105-019-01151-8>
- 15 Some synthetic cyclitol derivatives alleviate the effect of water deficit in cultivated and wild type chickpea species**  
ÇEVİK SERTAN, YILDIZLI AYTUNÇ, Yandım Gurbet, GÖKSU HAYDAR, GÜLTEKİN MEHMET SERDAR, GÜZEL DEĞER AYŞİN, ÇELİK AYLA, ŞİMŞEK KUŞ NERMİN, ÜNYAYAR SERPİL  
Journal of Plant Physiology,<http://linkinghub.elsevier.com/retrieve/pii/S0176161714000364>
- 16 Sulfoxaflor insecticide exhibits cytotoxic or genotoxic and apoptotic potential via oxidative stress-associated DNA damage in human blood lymphocytes cell cultures**  
ÇELİK AYLA, SINACI Cebrail, YETKİN DERYA, GÜLER Gizem, ÇEVİK SERTAN  
Drug and Chemical Toxicology,<http://dx.doi.org/10.1080/01480545.2022.2114006>
- 17 The Effects of Exogenous Application of Ascorbate and Glutathione on Antioxidant System in Cultivated *Cicer arietinum* and Wild Type *C. reticulatum* under Drought Stress**

17 ÇEVİK SERTAN, ÜNYAYAR SERPİL  
Suleyman Demirel University Journal of Natural and Applied Science,

18 **TiO<sub>2</sub> nanoparticles alleviates the effects of drought stress in tomato seedlings**  
ÇEVİK SERTAN  
Bragantia Journal, <http://dx.doi.org/10.1590/1678-4499.20220203>

## Bildiriler (YOKSIS)

- 1
- 2 **Arbuscular mycorrhizal fungus alleviates drought stress effects in modulating antioxidant capacity in Cicer arietinum and wild chickpea Cicer reticulatum**  
ÇEVİK SERTAN, YILDIZLI AYTUNÇ, KÜÇÜMEN Ceren, ASLAN Mehmet Ufuk, ÜNYAYAR SERPİL  
III. Ulusal Bitki Fizyolojisi Sempozyumu ,
- 3 **Arpa'da (Hordeum Vulgare L.) Siklitolün Uyardığı Kuraklık Toleransının Fizyolojisi ve Proteomikisi**  
ÇEVİK SERTAN, GÜZEL DEĞER AYŞİN, Doğanyigit Neslihan, YILDIZLI AYTUNÇ, GÜLTEKİN MEHMET SERDAR, ÜNYAYAR SERPİL  
II. Ulusal Bitki Fizyolojisi Sempozyumu ,
- 4 **Cadmium induced antioxidant status and sister chromatid exchanges in Vicia faba L**  
ÜNYAYAR SERPİL, ÇELİK AYLA, GÜZEL DEĞER AYŞİN, ÇEVİK SERTAN, ALBAYRAK FAZİLET ÖZLEM  
19. Ulusal Biyoloji Kongresi ,
- 5 **Can Synthetic Cyclitols Be Induced On The Growth and Biologically Active**  
ÜNYAYAR SERPİL, ÇEVİK SERTAN, Yandım Gurbet, GÜLTEKİN MEHMET SERDAR, ÇELİK AYLA, ŞİMŞEK KUŞ NERMİN, YILDIZLI AYTUNÇ, GÜZEL DEĞER AYŞİN  
Plant Biology Congress ,
- 6 **CHANGES IN GROWTH, WATER STATUS, CHLOROPHYLL CONTENT AND FLUORESCENCE PARAMETERS IN BARLEY AT DIFFERENT SALT CONCENTRATIONS**  
GÜZEL DEĞER AYŞİN, ÇEVİK SERTAN  
3rd INTERNATIONAL GAP FOOD, AGRICULTURE AND VETERINARY SCIENCES CONGRESS ,  
[https://214371a4-52b9-4cbc-86d2-f78c0a4d44d5.filesusr.com/ugd/614b1f\\_d11e0a5ad9d6428292cf2bad5d89d305.pdf](https://214371a4-52b9-4cbc-86d2-f78c0a4d44d5.filesusr.com/ugd/614b1f_d11e0a5ad9d6428292cf2bad5d89d305.pdf)
- 7 **CHANGES IN GROWTH, WATER STATUS, CHLOROPHYLL CONTENT AND FLUORESCENCE PARAMETERS IN BARLEY AT DIFFERENT SALT CONCENTRATIONS**  
GÜZEL DEĞER AYŞİN, ÇEVİK SERTAN  
3rd INTERNATIONAL GAP FOOD, AGRICULTURE AND VETERINARY SCIENCES CONGRESS ,  
[https://214371a4-52b9-4cbc-86d2-f78c0a4d44d5.filesusr.com/ugd/614b1f\\_d11e0a5ad9d6428292cf2bad5d89d305.pdf](https://214371a4-52b9-4cbc-86d2-f78c0a4d44d5.filesusr.com/ugd/614b1f_d11e0a5ad9d6428292cf2bad5d89d305.pdf)
- 8 **Comperation Effects of Green and Commercial Synthesis ZNO Nanoparticles on MDA and Proline Content in Pepper Under Drought Stress**  
ÇEVİK SERTAN, GÜZEL DEĞER AYŞİN, TURUNÇ ERSAN, KAHRAMAN Oskay, YAKİN Ayşegül, BİNZET RIZA

- 8 III. International Agricultural, Biological & Life Science Conference ,
- 9 **Dışsal Uygulanan Myo-Inositoler Kuraklık Stresinin Etkisini Hafifletebilir**  
YILDIZLI AYTUNÇ, ÇEVİK SERTAN, BİNZET RIZA, ÜNYAYAR SERPİL  
Ulusal Botanik Kongresi ,
- 10 **Different approach Liquid Application Techniques to Plants**  
GÜZEL DEĞER AYŞİN, YILDIZLI AYTUNÇ, ASLAN Mehmet Ufuk, YILDIZ ŞÜKRAN, ÇEVİK SERTAN, ÜNYAYAR SERPİL  
International Mediterranean Science and Engineering Congress (IMSEC 2017) ,
- 11 **Effects of Green and Commercial Synthesis ZnO Nanoparticles On Growth Parameters And Water Status In Pepper Under Drought Stress**  
GÜZEL DEĞER AYŞİN, ÇEVİK SERTAN, TURUNÇ ERSAN, KAHRAMAN Oskay, YAKİN Ayşegül, BİNZET RIZA  
III. Balkan Agricultural Congress ,
- 12 **EFFECTS OF WATERLOGGING ON SOME MORPHOLOGICAL, PHYSIOLOGICAL AND PHOTOSYNTHETIC PARAMETERS IN BARLEY**  
ÇEVİK SERTAN, GÜZEL DEĞER AYŞİN  
IV. INTERNATIONAL EURASIAN AGRICULTURE AND NATURAL SCIENCES CONGRESS ONLINE - 2020 , [https://agrieurasia.com/pdf/tammetin\\_kitabi.pdf](https://agrieurasia.com/pdf/tammetin_kitabi.pdf)
- 13 **Effects on stomatal closure and ROS accumulation of Bacterial elicitor xanthan gum in barley.**  
YILDIZLI AYTUNÇ, ÇEVİK SERTAN, GÜZEL DEĞER AYŞİN, ASLAN Mehmet Ufuk, ÜNYAYAR SERPİL  
13th International Conference on Reactive Oxygen and Nitrogen Species in Plants: Emerging Roles in Plant Form and Function ,
- 14 **Exogenous Application of Xanthomonas campestris and its Elicitor Xanthan Affects the Change of Stomatal Closure and Reactive Oxygen Species**  
YILDIZLI AYTUNÇ, ÇEVİK SERTAN, GÜZEL DEĞER AYŞİN, ÜNYAYAR SERPİL  
III. Ulusal Bitki Fiziyojisi Sempozyumu ,
- 15 **Genetically Modified Organisms Social Overview: Small Scale Mersin Case**  
GÜZEL DEĞER AYŞİN, ÇEVİK SERTAN, Aslan Mehmet Ufuk, Yıldız Şükran, Özpolat Sinem, Albayrak Melek  
I. International Mersin Symposium , <http://mersinsempozyumu.mersin.edu.tr/wp-content/uploads/2018/12/MERSC4B0N-SEMMPOZYUMU-BC4B0LDC4B0RC4B0-TAM-METC4B0NLERC4B0-KC4B0TABI-ARALIK-2018-cilt-2.pdf>
- 16 **Global Warming Scenarios for Mediterranean Region and Possible Effects on Plants**  
ÇEVİK SERTAN, GÜZEL DEĞER AYŞİN  
1. Uluslararası Akdeniz Sempozyumu , <http://akdenizsempozyumu.mersin.edu.tr/wp-content/uploads/2018/12/CC4B0LT-5-AKDENC4B0Z-SEMMPOZYUMU-BC4B0LDC4B0RC4B0-TAM-METC4B0NLERC4B0-KC4B0TABI.pdf>
- 17 **KADMIYUM STRESİNE MARUZ BIRAKILAN ARPA TOHUMLARINDA DIŞSAL ASKORBAT UYGULAMASININ ÇİMLENME PARAMETRELERİ ÜZERİNE ETKİLERİNİN İNCELENMESİ**  
ÇEVİK SERTAN  
KARADENİZ 12TH INTERNATIONAL CONFERENCE ON APPLIED SCIENCES ,  
[https://www.karadenizkongresi.org/\\_files/ugd/797a84\\_ad933322064b433a8bad14da222339b3.pdf](https://www.karadenizkongresi.org/_files/ugd/797a84_ad933322064b433a8bad14da222339b3.pdf)
- 18 **Kuraklık Stresi Altındaki Nohut Bitkilerinin Malondialdehit MDA İçeriği Üzerine Bazı Sentetik Siklitollerin Etkisi**

- 18 ÜNYAYAR SERPİL, Yandım Gurbet, ÇEVİK SERTAN, YILDIZLI AYTUNÇ, GÜLTEKİN MEHMET SERDAR, Özkoku Gizem, ÇELİK AYLA, ŞİMŞEK KUŞ NERMİN, GÜZEL DEĞER AYŞİN  
21. Ulusal Biyoloji Kongresi ,
- 19 **Physiological and proteomic analysis of cyclitol-mediated drought stress alleviation in barley as depending on time**  
GÜZEL DEĞER AYŞİN,ÇEVİK SERTAN,YILDIZLI AYTUNÇ,ASLAN Mehmet Ufuk,ÜNYAYAR SERPİL  
13th International Conference on Reactive Oxygen and Nitrogen Species in Plants: Emerging Roles in Plant Form and Function ,
- 20 **PLANTS USED AS COFFEE IN EASTERN MEDITERRANEAN REGION**  
ÇEVİK SERTAN, Özalp Hüsnüye, Timur Macide Burcu, BİNZET RIZA  
I. INTERNATIONAL CONGRESS ON MEDICINAL AND AROMATIC PLANTS ,
- 21 **Sentetik olarak sentezlenen siklitollerin kuraklık stresi altındaki Cicer arietinum un büyümesi üzerine etkisi**  
GÜZEL DEĞER AYŞİN, ÇEVİK SERTAN, GÜLTEKİN MEHMET SERDAR, ŞİMŞEK KUŞ NERMİN, ÜNYAYAR SERPİL  
20.Ulusal Biyoloji Kongresi ,
- 22 **Sentetik Siklitoller Stoma Davranışlarını ve Fizyolojik Stratejileri Belirler mi?**  
GÜZEL DEĞER AYŞİN, Doğanyığıt Neslihan, ÇEVİK SERTAN, ÜNYAYAR SERPİL  
. Ulusal Bitki Fizyolojisi Sempozyumu ,
- 23 **The alleviation of oxidative stress and water status in chickpea infected with arbuscular mycorrhizal fungus Glomus mossea under drought stress**  
ÇEVİK SERTAN,BAYAR SİBEL,YILDIZLI AYTUNÇ,ÜNYAYAR SERPİL  
13th International Conference on Reactive Oxygen and Nitrogen Species in Plants: Emerging Roles in Plant Form and Function ,
- 24 **The Importance of Mycorrhiza, a Strategic Application for Plants Grown in the EasternMediterranean Region**  
GÜZEL DEĞER AYŞİN,ÇEVİK SERTAN  
1. International Mediterranean Symposium , <http://akdenizsempozyumu.mersin.edu.tr/wp-content/uploads/2018/12/CC4B0LT-2-AKDENC4B0Z-SEMMPOZYUMU-BC4B0LDC4B0RC4B0-TAM-METC4B0NLERC4B0-KC4B0TABI.pdf>
- 25 **The production of chickpeas in Mersin and the effects of drought stress on chickpea**  
ÇEVİK SERTAN,GÜZEL DEĞER AYŞİN  
1. Uluslararası Mersin Sempozyumu , <http://mersinsempozyumu.mersin.edu.tr/wp-content/uploads/2018/12/MERSC4B0N-SEMMPOZYUMU-BC4B0LDC4B0RC4B0-TAM-METC4B0NLERC4B0-KC4B0TABI-ARALIK-2018-cilt-2.pdf>
- 26 **Toleransları Farklı İki Nohut Türünde Kuraklık Stresinin Protein İfadesi Üzerine Etkisi**  
ÇEVİK SERTAN, ÜNYAYAR SERPİL  
1.ULUSAL BİTKİ FİZYOLOJİSİ SEMPOZYUMU ,

