



ARŞ. GÖRERHAT UĞURLAR

Kişisel Bilgiler

Eposta: fugurlar@harran.edu.tr
Birimi : Toprak Bilimi ve Bitki Besleme
Dahili : 2345

Makaleler (YOKSIS)

- 1 5-Aminolevulinic Acid Induces Chromium [Cr(VI)] Tolerance in Tomatoes by Alleviating Oxidative Damage and Protecting Photosystem II: A Mechanistic Approach**
KAYA CENGİZ, UĞURLAR FERHAT, ASHRAF MUHAMMAD, MOHAMMED NASSER ALYEMENI, Moustakas Micheal, AHMAD PARVAİZ
Plants-Basel,
- 2 Combined application of asparagine and thiourea improves tolerance to lead stress in wheat by modulating AsA-GSH cycle, lead detoxification and nitrogen metabolism**
KAYA CENGİZ, UĞURLAR FERHAT, FAROOQ SHAHID, ASHRAF MUHAMMAD, ALYEMENI MOHAMMED NASSER, AHMAD PARVAİZ
PLANT PHYSIOLOGY AND BIOCHEMISTRY, <http://dx.doi.org/10.1016/j.plaphy.2022.08.014>
- 3 Effect of biochar origin and soil pH on greenhouse gas emissions from sandy and clay soils**
WU Dİ, ŞENBAYRAM MEHMET, ZANG HUADONG, UĞURLAR FERHAT, AYDEMİR SALİH, BRÜGGEMANN NICOLAS, KUZYAKOV YAKOV, BOL ROLAND, BLAGODATSKAYA EVGENİA
APPLIED SOIL ECOLOGY, 10.1016/j.apsoil.2018.05.009
- 4 Effect of Cadmium Toxicity on Some Physiological and Biochemical Properties of the Sage Plant (*Salvia officinalis* L.)**
KARAKAŞ DİKİLİTAŞ SEMA, UĞURLAR FERHAT
ISPEC journal of agricultural sciences
(Online), <https://ispecjournal.com/index.php/ispecjas/article/view/653>
- 5 Effect of Potassium Optimization on Wheat Drought Tolerance in Controlled Conditions**
UĞURLAR FERHAT
Black Sea Journal of Agriculture, <https://doi.org/10.47115/bsagriculture.1573391>
- 6 Effects of different doses of cadmium on physiological, biochemical, and phytoextraction potential of mustard (*Brassica juncea* L.)**
ALTINTAS RAHİME, KARAKAŞ DİKİLİTAŞ SEMA, DİKİLİTAŞ MURAT, UĞURLAR FERHAT
International Journal of Agriculture Environment and Food Sciences, <https://doi.org/10.31015/2025.1.27>

- 7 **Epigenetic and Hormonal Modulation in Plant-Plant Growth-Promoting Microorganism Symbiosis for Drought-Resilient Agriculture**
KAYA CENGİZ, UĞURLAR FERHAT, ADAMAKIS IOANNIS-DIMOSTHENIS
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES,<https://www.mdpi.com/1422-0067/24/22/16064>
- 8 **Epigenetic Modifications of Hormonal Signaling Pathways in Plant Drought Response and Tolerance for Sustainable Food Security**
KAYA CENGİZ, UĞURLAR FERHAT, Adamakis Ioannis-Dimosthenis
International Journal of Molecular Sciences,<http://dx.doi.org/10.3390/ijms25158229>
- 9 **Exploring the synergistic effects of melatonin and salicylic acid in enhancing drought stress tolerance in tomato plants through fine-tuning oxidative-nitrosative processes and methylglyoxal metabolism**
KAYA CENGİZ, UĞURLAR FERHAT, ASHRAF MUHAMMAD, Alyemeni Mohammed Nasser, AHMAD PARVAİZ
Scientia Horticulturae,<http://dx.doi.org/10.1016/j.scienta.2023.112368>
- 10 **Glutathione-induced hydrogen sulfide enhances drought tolerance in sweet pepper (*Capsicum annuum* L.)**
KAYA CENGİZ, UĞURLAR FERHAT
Food and Energy Security,<https://doi.org/10.1002/fes3.559>
- 11 **Hydrogen Sulfide and 5-Aminolevulinic Acid Synergistically Enhance Drought Tolerance in Tomato (*Solanum lycopersicum* L.)**
KAYA CENGİZ, UĞURLAR FERHAT
Food and Energy Security,<https://doi.org/10.1002/fes3.70007>
- 12 **Influence of Nickel on Urease Activity and Nitrogen Dynamics in Maize (*Zea mays*) Under Saline Conditions**
UĞURLAR FERHAT
MAS Journal of Applied Sciences,<https://masjaps.com/index.php/mas/issue/view/25>
- 13 **Melatonin and stress tolerance in horticultural crops: Insights into gene regulation, epigenetic modifications, and hormonal interplay**
KAYA CENGİZ, UĞURLAR FERHAT
SCIENTIA HORTICULTURAE,
- 14 **Melatonin-mediated nitric oxide improves tolerance to cadmium toxicity by reducing oxidative stress in wheat plants**
KAYA CENGİZ, OKANT ABDULKADİR MUSTAFA, UĞURLAR FERHAT, ALYEMENI MOHAMMED NASSER, ASHRAF MUHAMMAD, AHMAD PARVAİZ
CHEMOSPHERE,[10.1016/j.chemosphere.2019.03.026](https://doi.org/10.1016/j.chemosphere.2019.03.026)
- 15 **Methyl Jasmonate and Sodium Nitroprusside Jointly Alleviate Cadmium Toxicity in Wheat (*Triticum aestivum* L.) Plants by Modifying Nitrogen Metabolism, Cadmium Detoxification, and AsA-GSH Cycle**
KAYA CENGİZ, UĞURLAR FERHAT, ASHRAF MUHAMMAD, NOURELDEEN AHMAD, DARWISH HADEER, AHMAD PARVAİZ
FRONTIERS IN PLANT SCIENCE,[10.3389/fpls.2021.654780](https://doi.org/10.3389/fpls.2021.654780)
- 16 **Microbial consortia-mediated arsenic bioremediation in agricultural soils: Current status, challenges, and solutions**

- 16 KAYA CENGİZ, UĞURLAR FERHAT, ASHRAF MUHAMMAD, HOU DEYI, KIRKHAM MARY BETH, BOLAN NANTHI
Science of The Total Environment, <http://dx.doi.org/10.1016/j.scitotenv.2024.170297>
- 17 **Molecular Mechanisms of CBL-CIPK Signaling Pathway in Plant Abiotic Stress Tolerance and Hormone Crosstalk**
KAYA CENGİZ, UĞURLAR FERHAT, Adamakis Ioannis-Dimosthenis
International Journal of Molecular Sciences, <http://dx.doi.org/10.3390/ijms25095043>
- 18 **Nitric oxide and hydrogen sulfide work together to improve tolerance to salinity stress in wheat plants by upraising the AsA-GSH cycle**
KAYA CENGİZ, UĞURLAR FERHAT, ASHRAF MUHAMMAD, ALAM PRAVEJ, AHMAD PARVAİZ
PLANT PHYSIOLOGY AND BIOCHEMISTRY, <http://dx.doi.org/10.1016/j.plaphy.2022.11.041>
- 19 **Salicylic acid interacts with other plant growth regulators and signal molecules in response to stressful environments in plants**
KAYA CENGİZ, UĞURLAR FERHAT, ASHRAF MUHAMMAD, AHMAD PARVAİZ
PLANT PHYSIOLOGY AND BIOCHEMISTRY,
- 20 **Sensor-Guided Smart Irrigation for Tomato Production: Comparing Low and Optimum Soil Moisture in Greenhouse Environments**
DİRLİK İBRAHİM, UĞURLAR FERHAT, KAYA CENGİZ
Food and Energy Security, <https://doi.org/10.1002/fes3.70082>
- 21 **Sodium nitroprusside modulates oxidative and nitrosative processes in *Lycopersicum esculentum* L. under drought stress**
KAYA CENGİZ, UĞURLAR FERHAT, SETH CHANDRA SHEKHAR
Plant Cell Reports, <http://dx.doi.org/10.1007/s00299-024-03238-3>
- 22 **Synergistic mitigation of nickel toxicity in pepper (*Capsicum annuum*) by nitric oxide and thiourea via regulation of nitrogen metabolism and subcellular nickel distribution**
UĞURLAR FERHAT, KAYA CENGİZ
FUNCTIONAL PLANT BIOLOGY, <https://www.publish.csiro.au/fp/FP23122>
- 23 **The involvement of hydrogen sulphide in melatonin-induced tolerance to arsenic toxicity in pepper (*Capsicum annuum* L.) plants by regulating sequestration and subcellular distribution of arsenic, and antioxidant defense system**
KAYA CENGİZ, UĞURLAR FERHAT, ASHRAF MUHAMMAD, ALYEMENI MOHAMMED NASSER, BAJGUZ ANDRZEJ, AHMAD PARVAİZ
CHEMOSPHERE, <http://dx.doi.org/10.1016/j.chemosphere.2022.136678>
- 24 **The participation of nitric oxide in hydrogen sulphide-mediated chromium tolerance in pepper (*Capsicum annuum* L) plants by modulating subcellular distribution of chromium and the ascorbate-glutathione cycle**
KAYA CENGİZ, UĞURLAR FERHAT, ASHRAF MUHAMMAD, EL-SHEIKH MOHAMED ABD ROUF MOUSA, BAJGUZ ANDRZEJ, AHMAD PARVAİZ
ENVIRONMENTAL POLLUTION, <http://dx.doi.org/10.1016/j.envpol.2022.120229>
- 25 **Thiamine-induced nitric oxide improves tolerance to boron toxicity in pepper plants by enhancing antioxidants**
KAYA CENGİZ, ASLAN MUSTAFA, UĞURLAR FERHAT, ASHRAF MUHAMMAD
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, 10.3906/tar-1909-40

Bildiriler (YOKSIS)

- 1 COMPARATIVE EFFECTS OF GYTTJA AND BIOCHAR ON PHOSPHATE-RICH SOIL BIOLOGICAL PROPERTIES AND COMMON BEAN (PHASEOLUS VULGARIS L) PLANT GROWTH**
TUNÇ MURAT,UĞURLAR FERHAT
2nd INTERNATIONAL CANADIAN SCIENTIFIC RESEARCH CONGRESS ,
<https://www.iksadamerica.org/canada>
- 2 EFFECT OF CARBON SOURCE ON CO₂ AND N₂O EMISSIONS IN AGRICULTURAL SOILS**
UĞURLAR FERHAT
4. BİLSEL INTERNATIONAL KORYKOS SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS ,
<https://bilselkongreleri.com/panel/uploads/kongreprogrami/7790532081.pdf>
- 3 EFFECT OF NITRIFICATION INHIBITOR ON N₂O EMISSION FROM FERTILIZED SOILS: A REVIEW**
UĞURLAR FERHAT,KAYA CENGİZ
1ST INTERNATIONAL GOBEKLITEPE AGRICULTURE CONGRESS ,
https://ziraat.harran.edu.tr/assets/uploads/other/files/ziraat/files/Dekanl%C4%B1k/KONGRELER/IGAC_PROCEEDINGS_S2_compressed.pdf
- 4 EFFECTS OF ARBUSCULAR MYCORRHIZAL FUNGI (AMF) AND MOLYBDENUM APPLICATION ON SOIL BIOLOGY AND DEVELOPMENT OF COWPEA (VIGNA SINENSIS L) UNDER SALINE AND NONSALINE SOIL CONDITIONS**
TUNÇ MURAT,UĞURLAR FERHAT
2nd INTERNATIONAL CANADIAN SCIENTIFIC RESEARCH CONGRESS ,
<https://www.iksadamerica.org/canada>
- 5 EFFECTS OF DIFFERENT NITROGEN FERTILIZERS ON N₂O EMISSIONS IN A CALCAREOUS SOIL**
UĞURLAR FERHAT
4. BİLSEL INTERNATIONAL KORYKOS SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS ,
<https://bilselkongreleri.com/panel/uploads/kongreprogrami/7790532081.pdf>
- 6 EFFECTS OF FIRES ON MICROBIAL ACTIVITY AND ENZYME ACTIVITIES IN AGRICULTURAL SOILS**
UĞURLAR FERHAT
5. BİLSEL INTERNATIONAL TRUVA SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS ,
<https://bilselkongreleri.com/kongreler-icerik/v-bilsel-uluslararasi-truva-bilimsel-arastirmalar-ve-inovasyon-kongresi-72>
- 7 EFFECTS OF FOLIAR MAGNESIUM APPLICATIONS ON GROWTH, NUTRIENT CONTENT AND YIELD OF MAIZE IN ALKALINE SOILS**
UĞURLAR FERHAT
5. BİLSEL INTERNATIONAL TRUVA SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS ,
<https://bilselkongreleri.com/kongreler-icerik/v-bilsel-uluslararasi-truva-bilimsel-arastirmalar-ve-inovasyon-kongresi-72>
- 8 EFFECTS OF GREENHOUSE PLANT WASTE USED AS COMPOST AND DIFFERENT NITROGEN FERTILIZER DOSES ON TOMATO (LYCOPERSICON ESCULENTUM MILL.) PLANT GROWTH**
PELTEK ABDULKADİR,KARAKAŞ DİKİLİTAŞ SEMA,UĞURLAR FERHAT
5. BİLSEL INTERNATIONAL ÇATALHÖYÜK SCIENTIFIC RESEARCHES CONGRESS ,
<https://bilselkongreleri.com/wp-content/uploads/Catalhoyuk-Kongre-Kitabi.pdf>
- 9 GREENHOUSE ENVIRONMENT MONITORING AND SMART IRRIGATION SYSTEM FOR MORE EFFICIENT PRODUCTION**
Dirlik İbrahim, KAYA CENGİZ, UĞURLAR FERHAT

- 9 2. INTERNATIONAL PARIS CONGRESS ON AGRICULTURE & ANIMAL HUSBANDRY ,
https://www.iksadparis.org/_files/ugd/614b1f_2bfc2a621a89443e8aecfef99569ec9a.pdf
- 10 **HİDROJEN SÜLFİT'İN BOR TOKSİSİTESİNDE YETİŞEN BİBER BİTKİSİNİN SPAD DEĞERLERİ, YAŞ AĞIRLIĞI ve PROLİN BİRİKİMİNE ETKİSİNİN ARAŞTIRILMASI**
UĞURLAR FERHAT,KAYA CENGİZ
1ST INTERNATIONAL GOBEKLITEPE AGRICULTURE CONGRESS ,
https://ziraat.harran.edu.tr/assets/uploads/other/files/ziraat/files/Dekanl%C4%B1k/KONGRELER/IGAC_PROCEEDINGS_S2_compressed.pdf
- 11 **THE EFFECT OF FOLIAR POTASSIUM APPLICATION ON NUTRIENT ELEMENT CONCENTRATIONS AND YIELD PARAMETERS OF MAIZE (Zea mays L.)**
UĞURLAR FERHAT
3. INTERNATIONAL KARADENİZ SCIENTIFIC RESEARCH CONGRESS ,
https://www.isarconference.org/_files/ugd/6dc816_2b5e17bab00943caa0fffc831d88d69b.pdf
- 12 **VARIATION OF NITROGEN ASSIMILATION IN WHEAT DEPENDING ON THE DURATION OF DROUGHT STRESS**
UĞURLAR FERHAT
3. INTERNATIONAL KARADENİZ SCIENTIFIC RESEARCH CONGRESS ,
https://www.isarconference.org/_files/ugd/6dc816_2b5e17bab00943caa0fffc831d88d69b.pdf