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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 **Biodegradable polymer-based coatings for controlled and slow-release fertilizers**

ELÇİ HASİNE,AYDEMİR SALİH,ÖZTÜRK HALİME,UĞURLAR FERHAT

Journal of Coatings Technology and Research,https://doi.org/10.1007/s11998-025-01180-x

3 **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

4 **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

5 **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

6 **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

7 **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

8 **Effects of Gyttja and Gyttja-Derived Biochar on Soil Biological Properties and the Growth of Common Bean (Phaseolus vulgaris L.)**

TUNÇ MURAT,UĞURLAR FERHAT

ISPEC journal of agricultural sciences (Online),https://ispecjournal.com/index.php/ispecjas/article/view/913/680

9 **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

10 **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

11 **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

12 **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

13 **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

14 **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

15 **Melatonin and stress tolerance in horticultural crops: Insights into gene regulation, epigenetic modifications, and hormonal interplay**

KAYA CENGİZ, UĞURLAR FERHAT

SCIENTIA HORTICULTURAE,

16 **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

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17 **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, DARWİSH HADEER, AHMAD PARVAİZ

FRONTIERS IN PLANT SCIENCE,10.3389/fpls.2021.654780

18 **Microbial consortia-mediated arsenic bioremediation in agricultural soils: Current status, challenges, and solutions**

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

19 **Mitigating salt toxicity and overcoming phosphate deficiency alone and in combination in pepper (Capsicum annuum L.) plants through supplementation of hydrogen sulfide**

KAYA CENGİZ,UĞURLAR FERHAT,ASHRAF MUHAMMAD,MOHAMMED NASSER ALYEMENI,DEWIL RAF,AHMAD PARVAİZ

Journal of Environmental Management,https://doi.org/10.1016/j.jenvman.2023.119759

20 **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

21 **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

22 **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

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23 **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

24 **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

25 **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

26 **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**

26 KAYA CENGİZ, UĞURLAR FERHAT, ASHRAF MUHAMMAD, ALYEMENI MOHAMMED NASSER, BAJGUZ ANDRZEJ, AHMAD PARVAİZ

CHEMOSPHERE,http://dx.doi.org/10.1016/j.chemosphere.2022.136678

27 **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

28 **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 REVİEW**

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

6

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 IRRAGATION SYSTEM FOR MORE EFFICIENT PRODUCTION**

Dirlik İbrahim, KAYA CENGİZ, UĞURLAR FERHAT

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