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Birimi : Toprak Bilimi ve Bitki Besleme

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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, Alyemeni Mohammed Nasser, Moustakas Michael, Ahmad Parvaiz

Plants,https://www.mdpi.com/2223-7747/12/3/502

2 **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, ALYEMENI MOHAMMED NASSER, MOUSTAKAS MICHEAL, AHMAD PARVAİZ, ALYEMENI MOHAMMED NASSER

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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

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4 **Effect of biochar origin and soil pH on greenhouse gas emissions from sandy and clay soils**

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5 **Epigenetic and Hormonal Modulation in Plant-Plant Growth-Promoting Microorganism Symbiosis for Drought-Resilient Agriculture**

KAYA CENGİZ, UĞURLAR FERHAT, ADAMAKIS IOANNIS-DIMOSTHENIS

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6 **Epigenetic and Hormonal Modulation in Plant–Plant Growth-Promoting Microorganism Symbiosis for Drought-Resilient Agriculture**

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7 **Epigenetic Modifications of Hormonal Signaling Pathways in Plant Drought Response and Tolerance for Sustainable Food Security**

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8 **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

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9 **Glutathione□induced hydrogen sulfide enhances drought tolerance in sweet pepper (Capsicum annuum L.)**

KAYA CENGİZ,UĞURLAR FERHAT

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

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

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12 **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

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13 **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**

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

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

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16 **Molecular Mechanisms of CBL-CIPK Signaling Pathway in Plant Abiotic Stress Tolerance and Hormone Crosstalk**

16 KAYA CENGİZ,UĞURLAR FERHAT,Adamakis Ioannis-Dimosthenis

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17 **Nitric oxide and hydrogen sulfide work together to improve tolerance to salinity stress in wheat plants by upraising the AsA-GSH cycle**

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18 **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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19 **Sodium nitroprusside modulates oxidative and nitrosative processes in Lycopersicum esculentum L. under drought stress**

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20 **Synergistic mitigation of nickel toxicity in pepper (Capsicum annuum) by nitric oxide and thiourea via regulation of nitrogen metabolism and subcellular nickel distribution**

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21 **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

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22 **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**

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23 **Thiamine-induced nitric oxide improves tolerance to boron toxicity in pepper plants by enhancing antioxidants**

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Bildiriler (YOKSIS)

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