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AraŐtırma Alanları

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Akademik Unvanlar / Görevler

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Akademik İdari Deneyim

Bölüm Başkanı, Atatürk Üniversitesi, Ziraat Fakóltesi, Bahçe Bitkileri, 2020 - Devam Ediyor

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VerdiĐi Dersler

Rengârenk Bir Dünya: Meyveler ve Sebzeler, Lisans, 2023 - 2024, 2022 - 2023, 2021 - 2022

Jüri Üyelikleri

Tez Savunma (Yüksek Lisans), Tez Savunma (Yüksek Lisans), İĐdir Üniversitesi, Temmuz, 2020

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Breeding for water-use efficiency in wheat: progress, challenges and prospects**
Hafeez A., Ali S., Javed M. A., Iqbal R., Khan M. N., ÇİĞ F., Sabagh A. E., Abujamel T., Harakeh S., ERCİŞLİ S., et al.
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- II. **Exogenous application of salicylic acid ameliorates salinity stress in barley (*Hordeum vulgare* L.)**
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- III. **Machine learning models for gully erosion susceptibility assessment in the Tensift catchment, Haouz Plain, Morocco for sustainable development**
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- IV. **Maturity stages modulate fruit quality, bioactive constituents, and antioxidant activity of *Prunus jenkinsii***
Rymbai H., Mawlein J., Verma V. K., Dutta S. K., Hazarika S., ERCİŞLİ S., Mishra V. K., Durul M. S.
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- V. **Analysis of Primary and Secondary Metabolites, Physical Properties, Antioxidant and Antidiabetic Activities, and Chemical Composition of *Rosmarinus officinalis* Essential Oils under Differential Water Stress Conditions**
Laftouhi A., Mahraz M. A., Hmamou A., Assouguem A., Ullah R., Bari A., Lahlali R., ERCİŞLİ S., Kaur S., Idrissi A. M., et al.
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- VI. **Determination of volatile aroma composition of some hazelnut varieties grown in Akçakoca conditions**
Unver H., GÜÇER Y., Haliscelik O., Sakar E., Sakar Z. M., Khanahmadi M., ERCİŞLİ S.
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- VII. **Purification, kinetic characterization of thermostable multicopper oxidase from the oyster mushroom and its versatility for greener agro-pulp bio bleaching in the paper industry**
Kaur M., Sharma S., Kaur I., Sodhi H. S., Choudhary R., ERCİŞLİ S., Fidan H., Dasci E., Ullah R., Bari A.
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- VIII. **Sensory, morphological, biochemical, and antioxidant characteristics of the fruits of different *Cactus Pear (Opuntia ficus-indica* Mill.) genotypes**
Sakar E., Ercişli S., Durul M. S., Singh M., Anjum M. A., Orhan E., Kan T.
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- IX. **Morphological characterization of 96 wild-grown genotypes of sea buckthorn (*Hippophae rhamnoides* spp.) in eastern Türkiye**
İlhan G., Ercişli S., Orhan E., Sağbaş H. İ.
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- X. **Association between social media use and students' academic performance through family bonding and collective learning: The moderating role of mental well-being**
Zhang X., Abbas J., Shahzad M. F., Shankar A., ERCİŞLİ S., Dobhal D. C.
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- XI. **Biochemical profile of *Vaucheria karachiensis* and evaluation of its nutritional, antioxidant, antimicrobial, and hypoglycemic potentials**
Iqbal A., Imran M., Badshah S. L., Shami A., Ali B., Shah Z., Ayaz M., Alasmari A., Albalawi M. A., Al-Doaiss A. A., et al.
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- XII. **Effects of different tillage and residue management systems on soil organic carbon stock and grain yield of rice-wheat double cropping system**
Ahmad N., Virk A. L., Hafeez M. B., ERCİŞLİ S., Golokhvast K. S., Qi Y., Guo X., Zhang Y., Wang R., Wang X., et al.
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- XIII. **Unlocking nature's potential: Green synthesis of ZnO nanoparticles and their multifaceted applications - A concise overview**
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N., Mandotra S. K., et al.

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- XIV. **Melatonin: A promising approach to enhance abiotic stress tolerance in horticultural plants**
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- XV. **Determination of essential oil and chemical composition of St. John's Wort**
DOĞAN H., Fidan H., BAŞ H., Stankov S., Stoyanova A., ERCİŞLİ S., Assouguem A., Ullah R., Bari A.
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- XVI. **Phytochemical screening and antioxidant activity of *Vitex agnus-castus* L.**
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- XVII. **Deciphering the Role of Phytohormones and Osmolytes in Plant Tolerance Against Salt Stress: Implications, Possible Cross-Talk, and Prospects**
Hussain S., Hafeez M. B., Azam R., Mehmood K., Aziz M., ERCİŞLİ S., Javed T., Raza A., Zahra N., Hussain S., et al.
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- XVIII. **Assessment of Antioxidant Activities of Flaxseed (*Linum usitatissimum* L.) and Fennel Seed (*Foeniculum vulgare* Mill.) Extracts**
Noreen S., Tufail T., Ain H. B. U., Khalid W., Hanif A., Ali B., Khan M. N., Iqbal R., Alwahibi M. S., ERCİŞLİ S., et al.
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- XIX. **Few-shot Learning in Intelligent Agriculture: A Review of Methods and Applications**
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- XX. **Ultrasound-assisted extraction with natural deep eutectic solvent for phenolic compounds recovery from *Rosa damascena* Mill.: Experimental design optimization using central composite design**
Koraqi H., Aydar A. Y., Khalid W., ERCİŞLİ S., Rustagi S., Ramniwas S., Pandiselvam R.
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- XXI. **Efficacy of Different Pre and Post Emergence Herbicide Application on Late Sown Maize Crop Under Variable Planting Density**
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- XXII. **Low-Carbon Jujube Moisture Content Detection Based On Spectral Selection and Reconstruction**
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- XXIII. **Space nutrition and the biochemical changes caused in Astronauts Health due to space flight: A review**
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- XXIV. **Improvements in the biochemical responses and Pb and Ni phytoremediation of lavender (*Lavandula angustifolia* L.) plants through *Funneliformis mosseae* inoculation**
Rasouli F., Hassanpouraghdam M. B., Pirsarandib Y., Aazami M. A., Asadi M., ERCİŞLİ S., Mehrabani L. V., Puglisi I., Baglieri A.
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- XXV. **Effect of green-synthesized copper oxide nanoparticles on growth, physiology, nutrient uptake, and cadmium accumulation in *Triticum aestivum* (L.)**
Alhaithloul H. A. S., Ali B., Alghanem S. M. S., Zulfiqar F., Al-Robai S. A., ERCİŞLİ S., Yong J. W. H., Moosa A., Irfan E., Ali Q., et al.
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- XXVI. **Effect of exogenous essential oil treatments on the storage behaviour of apricot fruit harvested at**

different altitudes

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- XXVII. **Inter- and Intraspecific Genetic Variation of Native Hawthorn (*Crataegus* spp.) Genotypes Grown in the Çoruh Valley in Türkiye**
SAĞBAŞ H. İ., ERCİŞLİ S., ÖZKAN G., İLHAN G.
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- XXVIII. **Foliar application of iron-lysine to boost growth attributes, photosynthetic pigments and biochemical defense system in canola (*Brassica napus* L.) under cadmium stress**
Okla M. K., Saleem M. H., Saleh I. A., Zomot N., Perveen S., Parveen A., Abasi F., Ali H., Ali B., Alwasel Y. A., et al.
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- XXIX. **Primary Determination of the Composition of Secondary Metabolites in the Wild and Introduced *Artemisia martjanovii* Krasch: Samples from Yakutia**
Okhlopkova Z. M., ERCİŞLİ S., Razgonova M. P., Ivanova N. S., Antonova E. E., Egorov Y. A., Kucharova E. V., Golokhvast K. S.
HORTICULTURAE, cilt.9, sa.12, 2023 (SCI-Expanded)
- XXX. **Suggesting a prospect for melatonin-mediated orchid flowering under extreme conditions**
Ahmad S., Wang F., Ahmad A., ERCİŞLİ S., Chen J., Guan Y., Zhao K., Zhou Y., Lan S., Liu Z., et al.
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- XXXI. **In Vitro Induction of Polyploidy by Colchicine in the Protocorm of the Orchid *Dendrobium wardianum* Warner**
Wang F., Zhuo X., Arslan M., ERCİŞLİ S., Chen J., Liu Z., Lan S., Peng D.
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- XXXII. **Microsatellite-based diversity analysis and the development of core-set germplasm in Pakistani barley lines**
Ali M., Shaukat F., Khan W., Syed A., Maqsood J., Kamal H., ERCİŞLİ S., Balijagic J., Ullah R., Bari A., et al.
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- XXXIII. **Evaluation of genetic diversity using iPBS-SCoT marker methods in native hawthorn genetic resources and species identification by using DNA barcoding method**
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- XXXIV. **Nano-Biochar Enhances Wheat Crop Productivity by Vindicating the Effects of Drought: In Relation to Physiological and Phenological Stages**
Sammar Raza M. A., Shah A. N., Shahid M. A., Nawaz M., Ibrahim M. A., Iqbal R., Aslam M. U., ERCİŞLİ S., Ali Q.
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- XXXV. **Modeling the potential impact of climate change on maize-maize cropping system in semi-arid environment and designing of adaptation options**
Abbas G., Ahmed M., Fatima Z., Hussain S., Kheir A. M. S., ERCİŞLİ S., Ahmad Z.
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- XXXVI. **Morphoanatomical and Physiological Adaptations of *Triticum aestivum* L. against Allelopathic Extract of *Trianthema portulacastrum* L. (Horse purslane)**
Hassan M. S., Naz N., Ali H., Ali B., Akram M., Ali B., Mahmood F., Shahzad U., Hussain M., Iqbal R., et al.
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- XXXVII. **Pomegranate Peel Phytochemistry, Pharmacological Properties, Methods of Extraction, and Its Application: A Comprehensive Review**
Singh J., Kaur H. P., Verma A., Chahal A. S., Jajoria K., Rasane P., Kaur S., Kaur J., Gunjal M., ERCİŞLİ S., et al.
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- XXXVIII. **Cryoprotective role of konjac oligosaccharide on silver carp proteins during frozen storage through molecular dynamic simulation**
Walayat N., Yi M., Wang X., Khalifa I., Nawaz A., Li C., Aadil R. M., ERCİŞLİ S., Ullah R., Lorenzo J. M., et al.
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- XXXIX. **The Effect of PGPR Applications on Bioactive Content and Fruit Characteristics of Different Apple Scion–Rootstock Combinations**
YAMAN M., YILDIZ E., SÜMBÜL A., ERCİŞLİ S., SÖNMEZ O., GÜNEŞ A., SAY A., KEÇE Y. M., ÜNSAL H. T.
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- XL. **Nut, Kernel and Tree Characteristics of Selected Seed Propagated Almonds (*Amygdalus communis* L.) in Datca Peninsula**
Bozkurt T., ERCİŞLİ S., Sakar E.
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- XLI. **Development of EST-SSR Markers and Genetic Diversity Analysis Among Wild Pistachio Species**
Shirazi M., Rahimi M., Sorkheh K., ERCİŞLİ S.
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- XLII. **Effect of drying methods on the nutritional and phytochemical properties of pumpkin flower (*Cucurbita maxima*) and its characterization**
Gargi A., Singh J., Rasane P., Kaur S., Kaur J., Kumar M., Sowdhanya D., Gunjal M., Choudhary R., ERCİŞLİ S.
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- XLIII. **Fatty Acid Characterization of “Gulcan 2 × Lauranne” and “Guara × Nurlu” F1 Hybrid Almond Population**
Ercik K., ÇÖMLEKÇİOĞLU S., Kafkas N. E., ERCİŞLİ S., SAĞBAŞ H. İ.
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- XLIV. **Assessment of ACC and P450 Genes Expression in Wild Oat (*Avena ludoviciana*) in Different Tissues Under Herbicide Application**
Akbarabadi A., Ismaili A., Nazarian Firouzabadi F., ERCİŞLİ S., Kahrizi D.
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- XLV. **Physiological and Germination Responses of Muskmelon (*Cucumis melo* L.) Seeds to Varying Osmotic Potentials and Cardinal Temperatures via a Hydrothermal Time Model**
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- XLVI. **Physical, chemical, sorption and microbiological characteristics of fennel fruits**
Dushkova M., Dimov M., Lazarov L., Pencheva M., Kostova I., Damyanova S., Menkov N., Stoyanova A., ERCİŞLİ S., Assouguem A., et al.
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- XLVII. **Special Section Guest Editorial: Advanced Image Processing and Applications for Smart Agricultural Systems**
Li Y., ERCİŞLİ S.
Journal of Electronic Imaging, cilt.32, sa.5, 2023 (SCI-Expanded)
- XLVIII. **Evaluation of yield attributes and bioactive phytochemicals of twenty amaranth genotypes of Bengal floodplain**
Jahan N., Sarker U., Saikat M. M. H., Hossain M. M., Azam M. G., Ali D., ERCİŞLİ S., Golokhvast K. S.
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- XLIX. **γ-tocopherol methyltransferase gene sequencing and SNP discovery associated with olive oil quality**
Ayadi N., Rayda Ben Ayed B., ERCİŞLİ S., Durul M. S., Sakar E., Rebai A.
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- L. **Physiology of gamma-aminobutyric acid treated *Capsicum annuum* L. (Sweet pepper) under induced drought stress**
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- LI. **Comprehensive Analysis of Physicochemical, Functional, Thermal, and Morphological Properties of Microgreens from Different Botanical Sources**
Sanyukta D. S., Brar D. S., Pant K., Kaur S., Nanda V., Nayik G. A., Ramniwas S., Rasane P., ERCİŞLİ S.
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- LII. **Simultaneous Hydrodistillation of Healthy *Cedrus atlantica* Manetti and Infected by *Trametes pini***

and Ungulina officinalis: Effect on Antibacterial Activity Utilizing a Mixture-Design Method

Moustaid W., Saffaj T., Annemer S., Assouguem A., Ullah R., Ali E. A., ERCİŞLİ S., Marc R. A., Farah A.

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- LIII. **Field evaluation of different eco-friendly alternative control methods against Panonychus citri [Acari: Tetranychidae] spider mite and its predators in citrus orchards**
Assouguem A., Farah A., Kara M., Annemer S., Ullah R., Ali E. A., ERCİŞLİ S., Skender A., Lazraq A.
OPEN CHEMISTRY, cilt.21, sa.1, 2023 (SCI-Expanded)
- LIV. **Data and domain knowledge dual-driven artificial intelligence: Survey, applications, and challenges**
Nie J., Jiang J., Li Y., Wang H., ERCİŞLİ S., Lv L.
EXPERT SYSTEMS, 2023 (SCI-Expanded)
- LV. **A Review on Edible Coatings and Films: Advances, Composition, Production Methods, and Safety Concerns**
Matloob A., Ayub H., Mohsin M., Ambreen S., Khan F. A., Oranab S., Rahim M. A., Khalid W., Nayik G. A., Ramniwas S., et al.
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- LVI. **Application of Essential Oils Extracted from Peel Wastes of Four Orange Varieties to Control Anthracnose Caused by *Colletotrichum scovillei* and *Colletotrichum gloeosporioides* on Mangoes**
Duong C. T., Thao H. T. P., Nhu Y. N. T., Tien D. T. K., Nga N. T. T., Nhan T. C., Huong B. T. C., ERCİŞLİ S., Truc N. T. N., Danh L. T.
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- LVII. **The Potential of Hydroponic Seed Minituber Enrichment with the Endophyte *Bacillus subtilis* for Improving the Yield Components and Quality of Potato (*Solanum tuberosum* L.)**
Pusenkova L., Lastochkina O., ERCİŞLİ S.
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- LVIII. **Genetic Characterization of Advance Bread Wheat Lines for Yield and Stripe Rust Resistance**
Din I. U., Khan S., Khan F. U., Khan M., Khan M. N., Hafeez A., Wahab S., Wahid N., Ali B., Qasim U. B., et al.
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- LIX. **Comparison of Thawing Treatments on Quality, Microbiota, and Organoleptic Characteristics of Chicken Meat Fillets**
Arshad M. W., Tariq M. R., Ali S. W., Basharat Z., Umer Z., Nayik G. A., Ramniwas S., Aloufi A. S. S., Alharbi S. A., Ansari M. J., et al.
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- LX. **The Global Dilemma of Soil Legacy Phosphorus and Its Improvement Strategies under Recent Changes in Agro-Ecosystem Sustainability**
Solangi F., Zhu X., Khan S., Rais N., Majeed A., Sabir M. A., Iqbal R., Ali S., Hafeez A., Ali B., et al.
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- LXI. **Pumpkin and Pumpkin Byproducts: Phytochemical Constitutes, Food Application and Health Benefits**
Aziz A., Noreen S., Khalid W., Ejaz A., Faiz ul Rasool I., Maham N., Munir A., Farwa N., Javed M., Ercisli S., et al.
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- LXII. **Biochar and Seed Priming Technique with Gallic Acid: An Approach toward Improving Morpho-Anatomical and Physiological Features of Solanum melongena L. under Induced NaCl and Boron Stresses**
Shumaila S., Ullah S., Shah W., Hafeez A., Ali B., Khan S., ERCİŞLİ S., Al-Ghamdi A. A. S., Elshikh M.
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- LXIII. **The Influence of Sulfur Dioxide Concentration on Antioxidant Activity, Total Polyphenols, Flavonoid Content and Individual Polyphenolic Compounds in White Wines during Storage**
Mlcek J., Jurikova T., Bednarikova R., Snopek L., ERCİŞLİ S., Turecek O.
AGRICULTURE-BASEL, cilt.13, sa.7, 2023 (SCI-Expanded)
- LXIV. **Simultaneous Hydrodistillation of Cedrus atlantica Manetti and Salvia rosmarinus Spenn:**

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- CXXXI. **Nanoparticles: The Plant Saviour under Abiotic Stresses**
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- CXXXII. **Genetic Variability, Character Association, and Path Coefficient Analysis in Transplant Aman Rice Genotypes**
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- CXXXIII. **Application of Potassium after Waterlogging Improves Quality and Productivity of Soybean Seeds**
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- CXXXIV. **Phytochemical analysis of leaves and stems of Physalis alkekengi L. (Solanaceae)**
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- CXXXV. **Factors Affecting Postharvest Losses of Sesame (Sesamum indicum L.) and Their Mitigation Strategies**
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- CXXXVI. **Dual Inoculation of Plant Growth-Promoting Bacillus endophyticus and Funneliformis mosseae Improves Plant Growth and Soil Properties in Ginger**
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- CXXXVII. **Sugar and acid profile of loquat (Eriobotrya japonica Lindl.), enzymes assay and expression profiling of their metabolism-related genes as influenced by exogenously applied boron**
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- CXXXVIII. **Rosa davurica Pall., Rosa rugosa Thumb., and Rosa acicularis Lindl. Originating from Far Eastern Russia: Screening of 146 Chemical Constituents in Three Species of the Genus Rosa**
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- CXXXIX. **Color and physiochemical attributes of pointed gourd (*Trichosanthes dioica* Roxb.) influenced by modified atmosphere packaging and postharvest treatment during storage**
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- CXL. **Inquiring the inter-relationships amongst grain-filling, grain-yield, and grain-quality of Japonica rice at high latitudes of China**
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- CXLI. **Impression of foliar-applied folic acid on coriander (*Coriandrum sativum* L.) to regulate aerial growth, biochemical activity, and essential oil profiling under drought stress**
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- CXLII. **Data quality assessment and analysis for pest identification in smart agriculture**
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- CXLIII. **Remote Sensing Image Information Quality Evaluation via Node Entropy for Efficient Classification**
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- CXLV. **Assessment of GGE, AMMI, Regression, and Its Deviation Model to Identify Stable Rice Hybrids in Bangladesh**
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- CXLVI. **Nano-iron oxide accelerates growth, yield, and quality of Glycine max seed in water deficits**
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- CXLVII. **Chemical Composition Assessment of Structural Parts (Seeds, Peel, Pulp) of *Physalis alkekengi* L. Fruits**
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- CXLVIII. **Image Information Contribution Evaluation for Plant Diseases Classification via Inter-Class Similarity**
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- CXLIX. **Comparative genomic analysis and phylogeny of NAC25 gene from cultivated and wild *Coffea* species**
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- CL. **Individual and combinatorial effects of SNP and NaHS on morpho-physio-biochemical attributes and phytoextraction of chromium through Cr-stressed spinach (*Spinacia oleracea* L.)**
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- CLI. **Improvement of Photosynthetic Pigment Characteristics, Mineral Content, and Antioxidant Activity of Lettuce (*Lactuca sativa* L.) by Arbuscular Mycorrhizal Fungus and Seaweed Extract Foliar Application**
Asadi M., Rasouli F., Amini T., Hassanpouraghdam M. B., Souri S., Skrovankova S., Mlcek J., ERCİŞLİ S.
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- CLII. **Impact of foliar application of syringic acid on tomato (*Solanum lycopersicum* L.) under heavy metal stress-insights into nutrient uptake, redox homeostasis, oxidative stress, and antioxidant defense**
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- CLIII. **Heat stress mitigation in tomato (*Solanum lycopersicum* L.) through foliar application of gibberellic acid**
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- CLIV. **The Effect of Different Doses of 1-Methylcyclopropene on Postharvest Physiology and Predicting Ethylene Production through Multivariate Adaptive Regression Splines in Cocktail Tomato**
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- CLV. **Genetic Analysis in Grain Legumes [*Vigna radiata* (L.) Wilczek] for Yield Improvement and Identifying Heterotic Hybrids**
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- CLVI. **Diversity of Phytochemical and Antioxidant Characteristics of Black Mulberry (*Morus nigra* L.) Fruits from Turkey**
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- CLVII. **Synergistic Effect of Bioactive Monoterpenes against the Mosquito, *Culex pipiens* (Diptera: Culicidae)**
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- CLVIII. **In vitro propagation and ex vitro rooting of *Euonymus verrucosus* Scop. (Celastraceae) - a rare species of Kazakhstan flora on the southern border of its areal**
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- CLIX. ***Stachys lavandulifolia* Populations: Volatile Oil Profile and Morphological Diversity**
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- CLX. **Genome-wide association links candidate genes to fruit firmness, fruit flesh color, flowering time, and soluble solid content in apricot (*Prunus armeniaca* L.)**
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- CLXI. **QSAR, ADMET In Silico Pharmacokinetics, Molecular Docking and Molecular Dynamics Studies of Novel Bicyclo (Aryl Methyl) Benzamides as Potent GlyT1 Inhibitors for the Treatment of Schizophrenia**
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- CLXII. **Effect of Zinc Oxide Nanoparticles (ZnO-NPs) on Seed Germination Characteristics in Two Brassicaceae Family Species: *Camelina sativa* and *Brassica napus* L**
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- CLXIII. **Genetic variation and relationships between Azerbaijani and Turkish olive genetic resources**
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- CLXIV. **Colorant Pigments, Nutrients, Bioactive Components, and Antiradical Potential of Danta Leaves (*Amaranthus lividus*)**
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- CLXV. **Foliar Application of GA(3) Stimulates Seed Production in Cauliflower**
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- CLXVI. **Recovering triploid citrus hybrids from 2x x 2x sexual crosses with the aid of embryo rescue and flow cytometry in Turkey**
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- CLXIX. **Genome-Wide Identification of Strawberry Metal Tolerance Proteins and Their Expression under Cadmium Toxicity**
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- CLXX. **Phytonutrient Composition of Two Phenotypes of *Physalis alkekengi* L. Fruit**
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- CLXXI. **In Vitro Studies on the Antimicrobial and Antioxidant Activities of Total Polyphenol Content of *Cynara humilis* from Moulay Yacoub Area (Morocco)**
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- CLXXII. **Identification of Metabolites Changes and Quality in Strawberry Fruit: Effect of Cultivation in High Tunnel and Open Field**
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- CLXXIII. **Antioxidant Activity, Phenolic Composition, and Hormone Content of Wild Edible Vegetables**
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- CLXXV. **Integration of Innovative Technologies in the Agri-Food Sector: The Fundamentals and Practical Case of DNA-Based Traceability of Olives from Fruit to Oil**
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- CLXXVI. **Genetic diversity among local mango (*Mangifera indica* L.) germplasm using morphological,**

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- CLXXVII. **Biochemical Characterization of Six Traditional Olive Cultivars: A Comparative Study**
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- CLXXVIII. **Insecticidal Effect of Wild-Grown Mentha pulegium and Rosmarinus officinalis Essential Oils and Their Main Monoterpenes against Culex pipiens (Diptera: Culicidae)**
Ramzi A., Lalami A. E. O., Zoubi Y. E., Assouguem A., Almeer R., Najda A., Ullah R., ERCİŞLİ S., Farah A.
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- CLXXIX. **Phylogenetic Marker Selection and Protein Sequence Analysis of the ORF5 Gene Product of Grapevine Virus A**
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- CLXXX. **The Effect of Some Wild Grown Plant Extracts and Essential Oils on Pectobacterium betavasculorum: The Causative Agent of Bacterial Soft Rot and Vascular Wilt of Sugar Beet**
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- CLXXXI. **In-vivo hyperglycemic, antioxidant, histopathological changes, and simultaneous measurement of kaempferol verified by high-performance thin layer chromatography of Setaria italica in streptozotocin-induced diabetic rats**
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- CLXXXII. **Walnut 'Esterhazy kesei' for Small-scale Cultivation**
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- CLXXXIII. **Whole-genome resequencing of Sorghum bicolor and S. bicolor x S. halepense lines provides new insights for improving plant agroecological characteristics**
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- CLXXXIV. **Morphological and Biochemical Properties in Fruits of Naturally Grown Cornelian Cherry (Cornus mas L.) Genotypes in Northwest Bosnia and Herzegovina**
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- CLXXXVII. **Comparative Analysis and Structural Modeling of Elaeis oleifera FAD2, a Fatty Acid Desaturase Involved in Unsaturated Fatty Acid Composition of American Oil Palm**
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- CLXXXVIII. **Isolation and Characterization of Three New Crude Oil Degrading Yeast Strains, Candida parapsilosis SK1, Rhodotorula mucilaginosa SK2 and SK3**
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- CXCII. **Cultivar Differences on Nutraceuticals of Grape Juices and Seeds**
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- CXCIII. **History of Grape in Anatolia and Historical Sustainable Grape Production in Erzincan Agroecological Conditions in Turkey**
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- CXCIV. **Characterization of carotenoids, chlorophylls, total phenolic compounds, and antioxidant activity of *Brassica oleracea L. var. botrytis* leaves from Pakistan**
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- CXCV. ***Dracocephalum palmatum S.* and *Dracocephalum ruyschiana L.* Originating from Yakutia: A High-Resolution Mass Spectrometric Approach for the Comprehensive Characterization of Phenolic Compounds**
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- CXCVI. **Growth and Antioxidant Responses of Lettuce (*Lactuca sativa L.*) to Arbuscular Mycorrhiza Inoculation and Seaweed Extract Foliar Application**
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- CXCVII. **Foliar Application of Silicon Enhances Growth, Flower Yield, Quality and Postharvest Life of Tuberose (*Polianthes tuberosa L.*) under Saline Conditions by Improving Antioxidant Defense Mechanism**
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- CXCVIII. **Nutritional Analysis of Red-Purple and White-Fleshed Pitaya (*Hylocereus*) Species**
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- CXCIX. **Influence of Interaction Effects of the Different Pollenizers on the Blatina Variety (*Vitis vinifera L.*) Grape Cluster and Seed Characteristics**
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- CC. **Chemical Composition of *Pinus nigra Arn.* Unripe Seeds from Bulgaria**
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- CCI. **Sugar, Invertase Enzyme Activities and Invertase Gene Expression in Different Developmental Stages of Strawberry Fruits**
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- CCII. **IDENTIFICATION OF GENETIC DIVERSITY IN WILD PEAR (*Pyrus Elaeagrifolia* Pall.) GENOTYPES COLLECTED FROM DIFFERENT REGIONS OF TURKEY WITH SSR MARKER SYSTEM**
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- CCIII. **Assessment of population structure, genetic diversity and relationship of Mediterranean olive accessions using SSR markers and computational tools**
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- CCIV. **State and economical benefit of organic production: fields crops and fruits in the world and Montenegro**
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- CCVI. **GENETIC DIVERSITY OF WHITE MULBERRY (*Morus alba* L.) ACCESSIONS SELECTED FROM NORTH EASTERN TURKEY**
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- CCXI. **MORPHOLOGICAL AND BIOCHEMICAL DIVERSITY IN *Rosa* SPECIES**
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- CCXII. **Evaluation of the expression of induced genes in response to dehydration stress of *Camelina sativa* calli**
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- CCXIII. **MOLECULAR CHARACTERIZATION OF WILD CAROB (*Ceratonia Siliqua* L.) GENOTYPES BY SEQUENCE-RELATED AMPLIFIED POLYMORPHISM (SRAP) TECHNIQUES IN TURKEY MOLEKULARNA KARAKTERIZACIJA GENOTIPOVA DIVLJEG ROGAČA (*Ceratonia Siliqua* L.) SRAP TEHNIKOM U TURSKOJ**
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- CCXIV. **Physicochemical properties of oil extracted from camelina (*Camelina sativa*) seeds as a new source of vegetable oil in different regions of Iran**
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- CCXV. **SNP discovery and structural insights into OeFAD2 unravelling high oleic/linoleic ratio in olive oil**
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- CCXVII. **Molecular Characterization of Barberry Genotypes from Turkey and Kyrgyzstan**
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- CCXIX. **Phenolic Composition and Antioxidant Activity of Peel, Pulp and Seed Extracts of Different Clones of the Turkish Grape Cultivar 'Karaerik'**
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- CCXXI. **The Effect of Organic, Inorganic Fertilizers and Their Combinations on Fruit Quality Parameters in Strawberry**
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- CCXXII. **Non-Volatile Metabolic Profiling and Regulatory Network Analysis in Fresh Shoots of Tea Plant and Its Wild Relatives**
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- CCXXVII. **Identification and Molecular Analysis of Putative Self-Incompatibility Ribonuclease Alleles in an Extreme Polyploid Species, *Prunus laurocerasus* L.**
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- CCXXVIII. **Morphological And Biochemical Characteristics Of Selected Local Chestnut Genotypes**
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- CCXXIX. **Low Temperature Stress Mediates the Antioxidants Pool and Chlorophyll Fluorescence in *Vitis vinifera* L. Cultivars**

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- CCXXXI. **Multivariate analysis approaches for dimension and shape discrimination of vitis vinifera varieties**
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- CCXXXVII. **Morphological and Biochemical Diversity in Fruits of Unsprayed *Rosa canina* and *Rosa dumalis* Ecotypes Found in Different Agroecological Conditions**
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- CCXXXIX. **Morphological, Genetic and Biochemical Evaluation of *Dasypyrum villosum* (L.) P. Candargy in the Gene Bank Collection**
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- CCXLI. **LC-MS/MS Screening of Phenolic Compounds in Wild and Cultivated Grapes *Vitis amurensis* Rupr.**
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- CCXLII. **Genetic Diversity among Some Walnut (*Juglans regia* L.) Genotypes by SSR Markers**
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- CCXLIV. **Esterification of Salicylic acid with Succinylated Dextran Using ZrOCl₂.8H(2)O over MCM-41: A Novel Strategy to Design Polysaccharide-Based Macromolecular Prodrugs**
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- CCXLVI. **Evaluation of Protein and Antioxidant Content in Apricot Kernels as a Sustainable Additional Source of Nutrition**
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- CCXLVII. **Genetic Diversity and Relationships of Terebinth (*Pistacia terebinthus* L.) Genotypes Growing Wild in Turkey**
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- CCXLVIII. **Identification of genetic diversity among *Juglans regia* L. genotypes using molecular, morphological, and fatty acid data**
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- CCXLIX. **Analysis of the Biochemical and Volatile Components of Qianlincha and Qiandingcha Prepared from *Eurya alata* Kobuski and *Camellia cuspidate***
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- CCL. **Characterization of Oleaster-Leafed Pear (*Pyrus elaeagrifolia* Pall. subsp. *elaeagrifolia*) Fruits in Turkey**
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- CCLI. **Influence of Foliar Application with Gibberellic Acid on Phenolic and Bioactive Compounds of Strawberry Fruits**
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- CCLII. **Main Agro-Morphological and Biochemical Berry Characteristics of Wild-Grown Sea Buckthorn (*Hippophae rhamnoides* L. ssp. *caucasica* Rousi) Genotypes in Turkey**
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- CCLIII. **Selection and identification of superior banana phenotypes from Turkey**
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- CCLIV. **In-Depth Genetic Diversity and Population Structure of Endangered Peruvian Amazon Rosewood Germplasm Using Genotyping by Sequencing (GBS) Technology**
Nadeem M. A., Vasquez Guizado S. J., Shahid M. Q., Nawaz M. A., Habyarimana E., ERCİŞLİ S., Ali F., Karakoy T., Aasim M., HATİPOĞLU R., et al.
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- CCLV. **Carboxymethyl cellulose coating delays chilling injury development and maintains eating quality of 'Kinnow' mandarin fruits during low temperature storage**
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- CCLVI. **Determination of Enzyme Inhibition Potential and Anticancer Effects of Pistacia khinjuk Stocks Raised in In Vitro and In Vivo Conditions**
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- CCLVII. **Functionnal and Technological Properties of Five Strawberry (*Arbutus Unedo L.*) Fruit as Bioactive Ingredients in Functional Foods**
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- CCLVIII. **Common bean as a potential crop for future food security: an overview of past, current and future contributions in genomics, transcriptomics, transgenics and proteomics**
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- CCLIX. **The Elucidation of Total Polyphenols, Individual Phenolic Compounds, Antioxidant Activity of Three Underutilized Fruit Species-Black Crowberry, Honeyberry, European Cranberry with Their Accumulation**
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- CCLX. **Characteristics of bakuchiol-the compound with high biological activity and the main source of its acquisition-Cullen corylifolium (L.) Medik**
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- CCLXI. **Influence of Pre-Harvest Gibberellic Acid and Post-Harvest 1-methyl Cyclopropane Treatments on Phenolic Compounds, Vitamin C and Organic Acid Contents during the Shelf Life of Strawberry Fruits**
Tas A., BERK S., Orman E., GÜNDOĞDU M., ERCİŞLİ S., KARATAŞ N., Jurikova T., Adamkova A., Nedomova S., Mlcek J.
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- CCLXII. **MOLECULAR CHARACTERIZATION OF WILD GRAPES FROM NORTHEASTERN PART OF TURKEY**
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GENETIKA-BELGRADE, cilt.53, sa.1, ss.93-102, 2021 (SCI-Expanded)
- CCLXIII. **Fruit Quality Properties of Walnut (*Juglans regia L.*) Genetic Resources in Montenegro**
Jacimovic V., Adakalic M., ERCİŞLİ S., Bozovic D., Bujdoso G.
SUSTAINABILITY, cilt.12, sa.23, 2020 (SCI-Expanded)
- CCLXIV. **Bioactive compounds and physical attributes of *Cornus mas* genotypes through multivariate approaches**
DEMİR B., Sayinci B., SÜMBÜL A., YAMAN M., YILDIZ E., ÇETİN N., KARAKAYA O., ERCİŞLİ S.
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- CCLXV. **Exploring Antioxidant Activity, Organic Acid, and Phenolic Composition in Strawberry Tree Fruits (*Arbutus unedo L.*) Growing in Morocco**
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- CCLXVI. **Agro-Morphological and Biochemical Characterization of Wild *Prunus spinosa L.* Subsp. *dasyphylla* (Schur) Domin Genotypes Naturally Grown in Western Black Sea Region of Turkey**
Kuru Berk S., Tas A., Orman E., GÜNDOĞDU M., Necas T., Ondrasek I., KARATAŞ N., ERCİŞLİ S.
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- CCLXVII. **Characterization of European cranberrybush (*Viburnum opulus L.*) genetic resources in Turkey**
Ozrenk K., İLHAN G., SAĞBAŞ H. İ., KARATAŞ N., ERCİŞLİ S., Colak A. M.
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- CCLXVIII. **Genome-Wide Association Study for Biomass Related Traits in a Panel of *Sorghum bicolor* and *S. bicolor* x *S. halepense* Populations**
Habyarimana E., De Franceschi P., ERCİŞLİ S., Baloch F. S., Dall'Agata M.

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- CCLXIX. **SEQUENTIAL PATH ANALYSIS AND RELATIONSHIPS BETWEEN FRUIT YIELD IN WATERMELON**
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- CCLXX. **Morphological and Biochemical Diversity Among Autochthonous Grape Cultivars Morphologische und biochemische Vielfalt bei autochthonen Rebsorten**
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- CCLXXI. **Sustainable Cornelian Cherry Production in Montenegro: Importance of Local Genetic Resources**
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- CCLXXII. **Phytochemical Components and Bioactivity Assessment among Twelve Strawberry (*Arbutus unedo* L.) Genotypes Growing in Morocco Using Chemometrics**
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- CCLXXIII. **Biochemical adaptation of wild and cultivated soybean against toxicity of lead salts**
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- CCLXXIV. **Comparative Analysis of Far East Sikhotinsky Rhododendron (*Rh. sichotense*) and East Siberian Rhododendron (*Rh. adamsii*) Using Supercritical CO₂-Extraction and HPLC-ESI-MS/MS Spectrometry**
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- CCLXXV. **Forecasting Banana Harvest Area and Production in Turkey Using Time Series Analysis**
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- CCLXXVI. **Diversity on Fruits of Wild Grown European Cranberrybush from Coruh Valley in Turkey**
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- CCLXXVII. **Evaluation of chemical composition, antioxidant potential and functional properties of carob (*Ceratonia siliqua* L.) seeds**
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- CCLXXVIII. **Morphological and biochemical diversity among wild-grown carob trees (*Ceratonia siliqua* L.)**
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- CCLXXIX. **Multivariate Adaptive Regression Splines: A Potential Method for Tissue Culture Data Analysis**
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- CCLXXX. **Genetic diversity detection of seed-propagated walnut (*Juglans regia* L.) germ plasm from Eastern Anatolia using SSR markers**
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- CCLXXXI. **Rapid Mass Spectrometric Study of a Supercritical CO₂-extract from Woody Liana *Schisandra chinensis* by HPLC-SPD-ESI-MS/MS**
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- :CLXXXIII. **The impact of drying on bioactive compounds of blue honeysuckle berries (*Lonicera caerulea* var. *edulis* Turcz. ex Herder)**
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- :CLXXXIV. **Physicochemical characteristics of wild and cultivated apricots (*Prunus armeniaca* L.) from Aras valley in Turkey**
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- CCLXXXV. **Prediction of Walnut Mass Based on Physical Attributes by Artificial Neural Network (ANN)**
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- :CLXXXVI. **Molecular characterization of genetic diversity and similarity centers of safflower accessions with ISSR markers**
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- CLXXXVII. **Chemical Composition and Antimicrobial Activity of Essential Oil from Aerial Part (Leaves and Fruit) of *Eucalyptus gomphocephala* DC**
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- :LXXXVIII. **Korean Wild Soybeans (*Glycine soja* Sieb & Zucc.): Geographic Distribution and Germplasm Conservation**
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- :CLXXXIX. **MicroRNA expression patterns unveil differential expression of conserved miRNAs and target genes against abiotic stress in safflower**
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- CCXC. **FRUIT MATURITY STAGE IN RELATION TO CONTENT OF POLYPHENOLS, FLAVONOIDS AND ANTIOXIDANT ACTIVITY OF SELECTED CLONES OF *Lonicera kamtschatica* (Sevast.) Pojark**
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- CCXCI. **EFFICIENCY OF VARIOUS PLANT GROWTH REGULATORS ON MICROPROPAGATION OF HAWTHORN (*CRATAEGUS* SPP.)**
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- CCXCII. **DETERMINATION OF THE GENETIC DIVERSITY OF WALNUT (*JUGLANS REGIA* L.) CULTIVAR CANDIDATES FROM NORTHEASTERN TURKEY USING SSR MARKERS**
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- CCXCIII. **Investigations of Volatile Organic Compounds in Berries of Different *Actinidia kolomikta* (Ruin: & Maxim.) Maxim. Accessions**
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- CCXCIV. **AGRO-MORPHOLOGICAL AND BIOCHEMICAL CHARACTERISTICS OF DISEASE-FREE SEED PROPAGATED EUROPEAN CHESTNUTS (*Castanea sativa* Mill.)**
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- CCXCV. **Some Important Horticultural Properties of Summer Apple Genotypes from Coruh Valley in Turkey**

Gecer M. K., ÖZKAN G., SAĞBAŞ H. İ., İLHAN G., GÜNDOĞDU M., ERCİŞLİ S.

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CCXCVI. **Uncovering Phenotypic Diversity and DArTseq Marker Loci Associated with Antioxidant Activity in Common Bean**

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CCXCVII. **COMPOSITIONAL DIVERSITY IN FRUITS OF ROWANBERRY (*Sorbus aucuparia* L.) GENOTYPES ORIGINATING FROM SEEDS**

Bozhuyuk M. R., ERCİŞLİ S., Ben Ayed R., Jurikova T., Fidan H., İLHAN G., ÖZKAN G., SAĞBAŞ H. İ.

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CCXCVIII. **MOLECULAR CHARACTERIZATION OF FIG (*Ficus carica* L.) GERMPLASM FROM NORTHEASTERN BLACK SEA REGION**

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GÜNDOĞDU M., BERK S., YILDIZ K., CANAN İ., ERCİŞLİ S., Tuna S.

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KOÇ A., KELES H., ERCİŞLİ S.

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Kefayeti S., Kafkas E., ERCİŞLİ S.

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CCCII. **SOME PHYSICOCHEMICAL CHARACTERISTICS OF BLACK AND WHITE MULBERRY GENOTYPES FROM BOSNIA AND HERZEGOVINA**

Skender A., Kurtovic M., ERCİŞLİ S., Becirspahic D.

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CCCIII. **Characterization of genetic diversity in Turkish common bean gene pool using phenotypic and whole-genome DArTseq-generated silicoDArT marker information**

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CCCIV. **Fruit characteristics of six candidate olive cultivars**

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CCCVI. **Design of Neural Network Predictor for the Physical Properties of Almond Nuts**

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CCCVII. **Diversity in phenolic compounds, biochemical and pomological characteristics of *Arbutus unedo* fruits**

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CCCVIII. **First study of correlation between oleic acid content and SAD gene polymorphism in olive oil samples through statistical and bayesian modeling analyses**

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- CCCIX. **Identification of some Fruit Characteristics in Wild Bilberry (*Vaccinium myrtillus* L.) Accessions from Eastern Anatolia**
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- CCCX. **Possible Use of Data Mining for Analysis and Prediction of Apple Physical Properties**
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- CCCXI. **Phytochemical and Antioxidant Diversity in Fruits of Currant (*Ribes* spp.) Cultivars**
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- CCCXII. **Interactive effects of temperature and genotype on almond (*Prunus dulcis* L.) pollen germination and tube length**
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- CCCXIII. **Estimation of the Weights of Almond Nuts Based on Physical Properties through Data Mining**
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- CCCXIV. **Physicochemical Diversity Among Barberry (*Berberis vulgaris* L.) Fruits from Eastern Anatolia**
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- CCCXV. **GRAPEVINE LEAF AREA MEASUREMENTS BY USING PIXEL VALUES**
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- CCCXVI. **GENETIC DIVERSITY OF JUJUBE (*Ziziphus mauritiana*) CULTIVARS**
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- CCCXVII. **Variation in Organic Acid, Sugar and Phenolic Compounds in Fruits of Historical Apple Cultivars**
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- CCCXIX. **AGRO-MORPHOLOGICAL AND BIOCHEMICAL CHARACTERISTICS OF EUROPEAN CRANBERRYBUSH (*Viburnum opulus* L.)**
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- CCCXX. **Physicochemical and bioactive characteristics of wild grown bilberry (*Vaccinium myrtillus* L.) genotypes from Northeastern Turkey**
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- CCCXXI. **Use of Multivariate Analysis for Clustering Between and Within Iranian Thyme Species for Essential Oil Components**
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- CCCXXIII. **PHENOTYPIC AND BIOCHEMICAL PARAMETERS WITHIN HISTORICAL ZIVZIK POMEGRANATE CULTIVAR**
ÖZKAN G., FİDAN H., ERCİŞLİ S., STOYANOVA A., ZEB A., HANİNA H., AĞAR G., SAĞBAŞ H. İ., İLHAN G.
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- CCCXXIV. **THE USAGE OF CONCENTRATED CAROB SYRUP FOR OSMOTIC DEHYDRATION OF BLUEBERRIES**
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- CCCXXV. **MOLECULAR CHARACTERIZATION OF LOCAL OLIVE GENOTYPES FROM SOUTHERN ANATOLIA FORESTS**
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- :CCXXVIII. **Diversity on color and phenolic compounds in apricot fruits**
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- CCCXXX. **Phenolic compounds, bioactive content and antioxidant capacity of the fruits of mulberry (Morus spp.) germplasm in Turkey**
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- :CCXXXIII. **Morphological, Biochemical and Antioxidant Properties of Local Loquat (Eriobotrya Japonica (Thunb.) Lindl.) Germplasm from Turkey**
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- :CCXXXIV. **Comparison of traditional and new generation DNA markers declares high genetic diversity and differentiated population structure of wild almond species**
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- CCCXXXVII. **Elucidate genetic diversity and population structure of Olea europaea L. germplasm in Iran using AFLP and IRAP molecular markers**
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- DXXXI. Estimation of Certain Physical and Chemical Fruit Characteristics of Various Cherry Laurel**

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- DXXXIX. **SOME PHYTOCHEMICAL CHARACTERISTICS OF TURNIP (*BRASSICA RAPA* VAR. *RAPA* L.) ROOTS**
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