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Eğitim Bilgileri

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Araştırma Alanları

Tarımsal Bilimler, Ziraat, Bahçe Bitkileri, Meyve Yetiştirme ve Islahı, Sert Çekirdekli Meyveler, Üzümsü Meyveler, Biyoteknoloji ve Genetik

Akademik Unvanlar / Görevler

Prof. Dr., Atatürk Üniversitesi, Ziraat Fakültesi, Bahçe Bitkileri, 2006 - Devam Ediyor

Doç. Dr., Atatürk Üniversitesi, Ziraat Fakültesi, Bahçe Bitkileri, 2000 - 2005

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Akademik İdari Deneyim

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

Rektör Yardımcısı, Atatürk Üniversitesi, 2016 - 2020

Verdiği Dersler

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

Jüri Üyelikleri

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

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Ameliorating arsenic and PVC microplastic stress in barley (*Hordeum vulgare* L.) using copper oxide nanoparticles: an environmental bioremediation approach**
Alhaithloul H. A. S., Alghanem S. M. S., Alsudays I. M., Abbas Z. K., Al-Balawi S. M., Ali B., Malik T., Javed S., Ali S., Ercişli S., et al.
BMC Plant Biology, cilt.24, sa.1, 2024 (SCI-Expanded)
- II. **GA-sensitive Rht13 gene improves root architecture and osmotic stress tolerance in bread wheat**
Khalid M. A., Ali Z., Husnain L. A., Fiaz S., Saddique M. A. B., Merrium S., Attia K. A., ERCİŞLİ S., Iqbal R.
BMC Genomic Data, cilt.25, sa.1, 2024 (SCI-Expanded)
- III. **Unveiling the therapeutic potential of corn silk against hypertension: A critical review**
Goyal D., Jyoti A., Kaur M., Dhir S., Rasane P., Gunjal M., Kaur S., Ullah R., ERCİŞLİ S., Choudhary R., et al.
Food Bioscience, cilt.62, 2024 (SCI-Expanded)
- IV. **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.
Molecular Biology Reports, cilt.51, sa.1, 2024 (SCI-Expanded)
- V. **Molecular characterisation of cornelian cherry (*Cornus mas* L.) genotypes**
Skender A., Đurić G., Assouguem A., ERCİŞLİ S., İLHAN G., Lahlali R., Ullah R., Iqbal Z., Bari A.
Folia Horticulturae, cilt.36, sa.2, ss.211-219, 2024 (SCI-Expanded)
- VI. **Exogenous application of salicylic acid ameliorates salinity stress in barley (*Hordeum vulgare* L.)**
Hanif S., Mahmood A., Javed T., Bibi S., Zia M. A., Asghar S., Naeem Z., ERCİŞLİ S., Rahimi M., Ali B.
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- VII. ***Volvariella volvacea* (paddy straw mushroom): A mushroom with exceptional medicinal and nutritional properties**
Ali S., Yousaf N., Usman M., Javed M. A., Nawaz M., Ali B., Azam M., ERCİŞLİ S., TIRAŞCI S., Ahmed A. E.
Heliyon, cilt.10, sa.21, 2024 (SCI-Expanded)
- VIII. **Emergence of microgreens as a valuable food, current understanding of their market and consumer perception: A review**
Singh A., Singh J., Kaur S., Gunjal M., Kaur J., Nanda V., Ullah R., ERCİŞLİ S., Rasane P.
Food Chemistry: X, cilt.23, 2024 (SCI-Expanded)
- IX. **Leaf Plant Nutrient Content and Sapling Growth of 'Transvalia' Peach Variety Grafted On *Prunus* Rootstocks**
Ugur R., Gundesli M. A., Ercisli S., İlhan G., Atli H. S., SÜLÜŞOĞLU DURUL M., Eydurhan S. P., Tanrisever S.
APPLIED FRUIT SCIENCE, cilt.66, sa.5, ss.1811-1818, 2024 (SCI-Expanded)
- X. **Cooler Is Better: The Role of Temperature in the Reproductive Biology of Persian Walnut (*Juglans regia* L.) Studied in a Hungarian-Bred Cultivar**
Aksic M. F., ERCİŞLİ S., Meland M., Bujdosó G.
APPLIED FRUIT SCIENCE, cilt.66, sa.5, ss.1963-1976, 2024 (SCI-Expanded)
- XI. **SEM and LM insights: Spore morphology and its taxonomic significance in Sino Himalayan, Malesian, and European elements of Pteridaceae**
Shah S. N., ERCİŞLİ S., Zaman A., Din I. U., Khan F. U., Khan M. N., Iqbal M., Ali B., Okla M. K.
MICROSCOPY RESEARCH AND TECHNIQUE, cilt.87, sa.10, ss.2253-2265, 2024 (SCI-Expanded)
- XII. **Production Technologies for Recombinant Antibodies: Insights into Eukaryotic, Prokaryotic, and Transgenic Expression Systems**
Saleem M. Z., Jahangir G. Z., Saleem A., Zulfikar A., Khan K. A., ERCİŞLİ S., Ali B., Saleem M. H., Saleem A.
BIOCHEMICAL GENETICS, 2024 (SCI-Expanded)
- XIII. **Chitosan mitigated the adverse effect of Cd by regulating antioxidant activities, hormones, and organic acids contents in pepper (*Capsicum annum* L.)**
EKİNCİ M., Shams M., Turan M., Ucar S., Yaprak E., ARSLAN YÜKSEL E., AYDIN M., İlhan E., AĞAR G., ERCİŞLİ S., et al.
Heliyon, cilt.10, sa.17, 2024 (SCI-Expanded)
- XIV. **Foliar Application of Moringa and Mint Leaf Extracts Enhances Carnation Growth and Flower Yield Under Saline Conditions by Improving Plant Defense Mechanism**
Muhammad H. M. D., Anjum M. A., Ahmad R., ERCİŞLİ S.

Journal of Plant Growth Regulation, cilt.43, sa.9, ss.3254-3264, 2024 (SCI-Expanded)

- XV. **Role and genetic diversity of arbuscular mycorrhizal fungi in improving the productivity and enhancing nutrients absorption in chickpea (*Cicer arietinum* L.) genotypes**
Akbar K., Yaseen T., Abbasi B. A., Iqbal J., Ullah Z., Ijaz S., Mustafa A. E. M. A., Elshikh M. S., ERCİŞLİ S., Harsonowati W., et al.
GENETIC RESOURCES AND CROP EVOLUTION, 2024 (SCI-Expanded)
- XVI. **Integrating physiological and molecular insights in cotton under cold stress conditions**
Abro A. A., Qasim M., Abbas M., Muhammad N., Ali I., Khalid S., Ahmed J., Waqas M., ERCİŞLİ S., Iqbal R., et al.
GENETIC RESOURCES AND CROP EVOLUTION, 2024 (SCI-Expanded)
- XVII. **Impact of Growth-Promoting Endophytic Bacteria on Ginger Plant Growth**
Jabborova D., Davranov K., Jabbarov Z., Enakiev Y., Abdrakhmanov T., Datta R., Singh S., Jahan M. S., ERCİŞLİ S., Singh N.
INDIAN JOURNAL OF MICROBIOLOGY, 2024 (SCI-Expanded)
- XVIII. **Impact of elevated temperatures on the genetic and morpho-physiological traits of cotton genotypes cultivation**
Abro A. A., Qasim M., Younas M. U., Ali I., Abbas M., Muhammad N., Khalid S., Ahmed J., Bibi U., Waqas M., et al.
GENETIC RESOURCES AND CROP EVOLUTION, 2024 (SCI-Expanded)
- XIX. **Assessment of Climate Change Impact on Potato-Potato Cropping System Under Semi-arid Environment and Designing of Adaptation Strategies**
Naz S., Ahmed M., Abbas G., Fatima Z., Hussain S., Iqbal P., Ghani A., Ali M., Awan T. H., Samad N., et al.
POTATO RESEARCH, 2024 (SCI-Expanded)
- XX. **Evaluation of genetic diversity and population structure of the Chinese chestnut (*Castanea mollissima*) by using NR-SSR markers**
Zulfiqar S., Aslam M. M., Ditta A., Iqbal R., Mustafa A. E. M. A., Elshikh M. S., Uzair M., Aghayeva S., Qasim M., ERCİŞLİ S., et al.
GENETIC RESOURCES AND CROP EVOLUTION, 2024 (SCI-Expanded)
- XXI. **Genetic Association Among Morpho-Physiological Attributes Against Heat Tolerance in Rice Genotypes**
Muhu-Din Ahmed H. G., Fatima N., Zeng Y., Hussain M., Mushtaq M. M., Hussain G. S., Akram M. I., Saeed A., Shah A. N., Ali H. M., et al.
JOURNAL OF CROP HEALTH, 2024 (SCI-Expanded)
- XXII. **Advances in Physiochemical and Molecular Mechanisms of Abiotic Stress Tolerance in Plants**
Saleem M. H., Mfarrej M. F. B., Khan K. A., ERCİŞLİ S., Elsharkawy M. M., Fahad S.
JOURNAL OF CROP HEALTH, sa.4, ss.753-767, 2024 (SCI-Expanded)
- XXIII. **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.
EDUCATION AND INFORMATION TECHNOLOGIES, cilt.29, sa.11, ss.14059-14089, 2024 (SSCI)
- XXIV. **Understanding rice blast: investigating biotechnological methods to speed up the development of robust rice cultivars**
Rajput N., Younas M. U., Qasim M., Memon S. P., Memon S., El-Rahman M. A., Aghayeva S., ERCİŞLİ S., Iqbal R., Zuo S.
GENETIC RESOURCES AND CROP EVOLUTION, 2024 (SCI-Expanded)
- XXV. **Putting Biochar in Action: A Black Gold for Efficient Mitigation of Salinity Stress in Plants. Review and Future Directions**
Gao Z., Ding J., Ali B., Nawaz M., Hassan M. U., Ali A., Rasheed A., Khan M. N., Özdemir F. A., Iqbal R., et al.
ACS OMEGA, cilt.9, sa.29, ss.31237-31253, 2024 (SCI-Expanded)
- XXVI. **Cytotoxic effects of chloridazon-loaded alginate-chitosan nanocapsules on the 4T1 breast cancer cell line.**
Babaei S., Kahrizi D., Karimi N., Nosratti I., Arkan E., ERCİŞLİ S., Tahir M.
International Journal of Radiation Research, cilt.22, sa.3, ss.739-748, 2024 (SCI-Expanded)
- XXVII. **Phenolic Compounds and Peroxide Parameters of Olive Oils Obtained from Local Varieties**

- Tanrisever S., SAKAR E., ERCİŞLİ S.
APPLIED FRUIT SCIENCE, cilt.66, sa.3, ss.1141-1149, 2024 (SCI-Expanded)
- XXVIII. **Mathematical vs. machine learning models for particle size distribution in fragile soils of North-Western Himalayas**
Bashir O., Bangroo S. A., Shafai S. S., Shah T. I., Kader S., Jaufer L., Senesi N., Kuriqi A., Omidvar N., Kumar S. N., et al.
JOURNAL OF SOILS AND SEDIMENTS, cilt.24, sa.6, ss.2294-2308, 2024 (SCI-Expanded)
- XXIX. **Efficacy of Different Pre and Post Emergence Herbicide Application on Late Sown Maize Crop Under Variable Planting Density**
Aslam M. T., Maqbool R., Khan I., Chattha M. U., Nawaz M., Shah A. N., Haq M. Z. U., Gulzar M. N., Alqahtani F. M., Hashem M., et al.
International Journal of Plant Production, cilt.18, sa.2, ss.229-238, 2024 (SCI-Expanded)
- XXX. **Analyzing phenotypic diversity in Brassica rapa genotypes based on morpho-physiological characteristics using multivariate analyses**
Ali N., Qayyum A., Sher A., Nadeem F., Fiaz S., Kumar S., Alharthi B., ERCİŞLİ S.
Genetic Resources and Crop Evolution, cilt.71, sa.5, ss.2053-2064, 2024 (SCI-Expanded)
- XXXI. **Functional role of geminivirus encoded proteins in the host: Past and present**
Ercişli S.
BIOTECHNOLOGY JOURNAL, cilt.19, sa.6, ss.1-22, 2024 (SCI-Expanded)
- XXXII. **Nutritional and bioactive properties and antioxidant potential of Amaranthus tricolor, A. lividus, A. viridis, and A. spinosus leafy vegetables**
Sarker U., Oba S., Ullah R., Bari A., ERCİŞLİ S., Skrovankova S., Adamkova A., Zvonkova M., Mlcek J.
Heliyon, cilt.10, sa.9, 2024 (SCI-Expanded)
- XXXIII. **Machine learning models for gully erosion susceptibility assessment in the Tensift catchment, Haouz Plain, Morocco for sustainable development**
Bammou Y., Benzougagh B., Abdessalam O., Brahim I., Kader S., Spalevic V., Sestras P., ERCİŞLİ S.
Journal of African Earth Sciences, cilt.213, 2024 (SCI-Expanded)
- XXXIV. **Trapping the genetic variation for yield and yield related attributes in bread wheat under water deficit stress**
Ahmed H. G. M., Naeem M., Zeng Y., Ullah A., Hussain G. S., Akram M. I., Saeed A., Fatima N., Moez I., Ali H. M., et al.
EUPHYTICA, cilt.220, sa.5, 2024 (SCI-Expanded)
- XXXV. **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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- XXXVI. **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.
Genetic Resources and Crop Evolution, cilt.71, sa.4, ss.1541-1555, 2024 (SCI-Expanded)
- XXXVII. **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.
Cellular and Molecular Biology, cilt.70, sa.2, ss.137-142, 2024 (SCI-Expanded)
- XXXVIII. **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.
Cellular and Molecular Biology, cilt.70, sa.2, ss.1-9, 2024 (SCI-Expanded)
- XXXIX. **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.

Genetic Resources and Crop Evolution, cilt.71, sa.3, ss.1013-1023, 2024 (SCI-Expanded)

- XL. **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.
Genetic Resources and Crop Evolution, cilt.71, sa.2, ss.773-784, 2024 (SCI-Expanded)
- XLI. **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.
MICROCHEMICAL JOURNAL, cilt.196, 2024 (SCI-Expanded)
- XLII. **Genetic and morphological diversity of introduced cultivars of almonds (*Prunus amygdalus* L.) in Bosnia and Herzegovina**
Hasanbegović J., Hadžiabulić S., Kurtović M., Gaši F., ERCİŞLİ S., Dorbić B., Durul M. S.
Cellular and Molecular Biology, cilt.70, sa.7, ss.106-114, 2024 (SCI-Expanded)
- XLIII. **Ecosystem Services by Urban Forest (UF) towards Climate Change Adaptation: A Review**
Rahim N. H., Razak S. A., Chang X., Saun F. C., Khan M. N., Hamzah S. N., Rohman F., Ali B., Kaplan A., Iqbal M., et al.
Polish Journal of Environmental Studies, cilt.33, sa.4, ss.3503-3513, 2024 (SCI-Expanded)
- XLIV. **Molecular cloning and characterization of heat-responsive LcOPR1, a gene encoding oxophytodienoic acid reductase in lentil**
Abu-Romman S., Mbarki S., Al-Momany B., Skalicky M., Brestic M., Alalawy A. I., Pandey S., Alasmari A., Alzuaibr F. M., Sakran M., et al.
Cellular and Molecular Biology, cilt.70, sa.7, ss.1-7, 2024 (SCI-Expanded)
- XLV. **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.
Journal of Plant Growth Regulation, cilt.43, sa.1, ss.38-59, 2024 (SCI-Expanded)
- XLVI. **Production of some Secondary Metabolites of Antibiotic Nature from Mycorrhizal Helper Bacteria (MHB) Associated with Conifers**
Rasheed Z., Zain A., Hanif M., Amanat R., Ali B., Khan M. N., Fazal U., Almutairi S. M., ERCİŞLİ S., Darwish D. B. E.
Polish Journal of Environmental Studies, cilt.33, sa.4, ss.4325-4334, 2024 (SCI-Expanded)
- XLVII. **EVALUATION OF $\text{Ca}(\text{NO}_3)_2$ AND VARIOUS CONTAINER CELL SIZE EFFECTS ON SOME GROWTH ATTRIBUTES AND NUTRIENT CONTENT OF TOMATO TRANSPLANTS**
Rasouli F., Golestaneh S., Asadi M., Amini T., Aslreyhani N., Skowronkova N., ERCİŞLİ S., Adamkova A., Snopek L., Mlcek J.
ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS, sa.2, ss.61-78, 2024 (SCI-Expanded)
- XLVIII. **Chemical composition and biological activity of essential oil from anise hyssop**
Mollova S., Stanev S., Bojilov D., Manolov S., Kostova I., Damianova S., Fidan H., Stoyanova A., ERCİŞLİ S., Assouguem A., et al.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, cilt.38, sa.1, 2024 (SCI-Expanded)
- XLIX. **Melatonin: A promising approach to enhance abiotic stress tolerance in horticultural plants**
Ahmad J., Hayat F., Khan U., Ahmed N., Li J., ERCİŞLİ S., Iqbal S., Javed H. U., Alyas T., Tu P., et al.
South African Journal of Botany, cilt.164, ss.66-76, 2024 (SCI-Expanded)
- L. **Eco-Friendly Synthesis of Iron Oxide Nanoparticles from Bambusa vulgaris Extract for Enhancing Seed Germination and Physiological Parameters in Oryza sativa**
Ahmad S., Ahmad N., Ahmad M. A., Ahmad G., ERCİŞLİ S., Munir I., Mohamed H. I.
Journal of Soil Science and Plant Nutrition, 2024 (SCI-Expanded)
- LI. **Low-Carbon Jujube Moisture Content Detection Based On Spectral Selection and Reconstruction**
Li Y., Chen J., Nie J., Li J., ERCİŞLİ S.
IEEE Internet of Things Journal, 2024 (SCI-Expanded)
- LII. **DETERMINING APPROPRIATE METHODS FOR ESTIMATING POLLEN VIABILITY AND GERMINATION RATES IN LISIANTHUS**

KILIÇ T., Sinanoglu E., Kirbay E., KAZAZ S., ERCİŞLİ S.

ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS, cilt.23, sa.3, ss.33-42, 2024 (SCI-Expanded)

- LIII. **Multifaceted roles of zinc nanoparticles in alleviating heavy metal toxicity in plants: a comprehensive review and future perspectives**
Hassan M. U., Guoqin H., Ahmad N., Khan T. A., Nawaz M., Shah A. N., Rasheed A., Asseri T. A. Y., ERCİŞLİ S.
Environmental Science and Pollution Research, 2024 (SCI-Expanded)
- LIV. **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.
ALGAL RESEARCH-BIOMASS BIOFUELS AND BIOPRODUCTS, cilt.77, 2024 (SCI-Expanded)
- LV. **Effect of Light Emitting Diodes (LEDs) on Growth, Mineral Composition, and Nutritional Value of Wheat & Lentil Sprouts**
Momin A., Khatoon A., Khan W., Konuşkan D. B., Aslam M. M., Jamil M., Rehman S. U., Ali B., Kaplan A., Wahab S., et al.
Phyton-International Journal of Experimental Botany, cilt.93, sa.6, ss.1117-1128, 2024 (SCI-Expanded)
- LVI. **Efficient Detection of Cotton Verticillium Wilt by Combining Satellite Time-Series Data and Multiview UAV Images**
Nie J., Jiang J., Li Y., Li J., Chao X., Ercişli S.
IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING, cilt.17, ss.13547-13557, 2024 (SCI-Expanded)
- LVII. **Tissue culture of walnut (*Juglans* spp.) and obviation of phenolic compounds: A review article**
Jahanian A., Motallebiazar A., Dadpour M., Rasouli F., Hassanpouraghdam M. B., Buckova M., Mrazkova M., ERCİŞLİ S., Mlcek J.
European Journal of Horticultural Science, cilt.89, sa.2, 2024 (SCI-Expanded)
- LVIII. **Few-shot Learning in Intelligent Agriculture: A Review of Methods and Applications**
Nie J., Yuan Y., Li Y., Wang H., Li J., Wang Y., Song K., ERCİŞLİ S.
Tarim Bilimleri Dergisi, cilt.30, sa.2, ss.216-228, 2024 (SCI-Expanded)
- LIX. **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.
ECOLOGICAL INDICATORS, cilt.158, 2024 (SCI-Expanded)
- LX. **Atrazine-Induced Toxicity and Biochemical Changes in *Mus musculus*: the Ameliorative Efficacy of *Nigella sativa* L. (*Ranunculaceae*) Oil**
Malik S. Y., Arshad M., Batool S., Batool S., Iram F., Batool T., Ali B., Wahab S., Khan M. N., Kaplan A., et al.
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, cilt.33, sa.5, ss.5211-5220, 2024 (SCI-Expanded)
- LXI. **EVALUATION OF $\text{Ca}(\text{NO}_3)_2$ AND VARIOUS CONTAINER CELL SIZE EFFECTS ON SOME GROWTH ATTRIBUTES AND NUTRIENT CONTENT OF TOMATO TRANSPLANTS**
Rasouli F., Golestaneh S., Asadi M., Amini T., Aslreyhani N., Skowronkova N., ERCİŞLİ S., Adamkova A., Snopek L., Mlcek J.
Acta Scientiarum Polonorum, Hortorum Cultus, cilt.23, sa.2, ss.61-78, 2024 (SCI-Expanded)
- LXII. **Unlocking nature's potential: Green synthesis of ZnO nanoparticles and their multifaceted applications - A concise overview**
Gadewar M., Prashanth G. K., Babu M. R., Dileep M. S., Prashanth P., Rao S., Mahadevaswamy M., Ghosh M. K., Singh N., Mandotra S. K., et al.
JOURNAL OF SAUDI CHEMICAL SOCIETY, cilt.28, sa.1, 2024 (SCI-Expanded)
- LXIII. **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.
OPEN CHEMISTRY, cilt.22, sa.1, 2024 (SCI-Expanded)
- LXIV. **Evaluation of the total phenolic content, sugar, organic acid, volatile compounds and antioxidant capacities of fig (*Ficus carica* L.) genotypes selected from the Mediterranean region of Turkiye**
Gundesli M. A., Ugur R., Urun I., ERCİŞLİ S., YAŞA KAFKAS N. E., İLHAN G., Spalevic V., Ullah R., Bari A.

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- LXV. **Revealing the effects of amino acid, organic acid, and phytohormones on the germination of tomato seeds under salinity stress**
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- LXVI. **Micromorphological Foliar Screening for Identification of Moraceae Taxa using Light Microscopy (LM) and Scanning Electron Microscopy (SEM) Techniques**
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- LXVII. **Assessment of Antioxidant Activities of Flaxseed (*Linum usitatissimum* L.) and Fennel Seed (*Foeniculum vulgare* Mill.) Extracts**
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- LXVIII. **Phytochemical screening and antioxidant activity of *Vitex agnus-castus* L.**
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- LXIX. **Space nutrition and the biochemical changes caused in Astronauts Health due to space flight: A review**
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- LXX. **Effect of green-synthesized copper oxide nanoparticles on growth, physiology, nutrient uptake, and cadmium accumulation in *Triticum aestivum* (L.)**
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- LXXI. **Foliar application of iron-lysine to boost growth attributes, photosynthetic pigments and biochemical defense system in canola (*Brassica napus* L.) under cadmium stress**
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- LXXII. **Inter- and Intraspecific Genetic Variation of Native Hawthorn (*Crataegus* spp.) Genotypes Grown in the Çoruh Valley in Türkiye**
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- LXXIII. **Improvements in the biochemical responses and Pb and Ni phytoremediation of lavender (*Lavandula angustifolia* L.) plants through *Funneliformis mosseae* inoculation**
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- LXXV. **Effect of exogenous essential oil treatments on the storage behaviour of apricot fruit harvested at different altitudes**
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- LXXXVII. **Suggesting a prospect for melatonin-mediated orchid flowering under extreme conditions**
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- LXXX. **Nano-Biochar Enhances Wheat Crop Productivity by Vindicating the Effects of Drought: In Relation to Physiological and Phenological Stages**
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- LXXXI. **Modeling the potential impact of climate change on maize-maize cropping system in semi-arid environment and designing of adaptation options**
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- LXXXII. **Morphoanatomical and Physiological Adaptations of Triticum aestivum L. against Allelopathic Extract of Trianthema portulacastrum L. (Horse purslane)**
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- LXXXIII. **Pomegranate Peel Phytochemistry, Pharmacological Properties, Methods of Extraction, and Its Application: A Comprehensive Review**
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- LXXXIV. **Fatty Acid Characterization of “Gulcan 2 × Lauranne” and “Guara × Nurlu” F1 Hybrid Almond Population**
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- LXXXV. **The Effect of PGPR Applications on Bioactive Content and Fruit Characteristics of Different Apple Scion–Rootstock Combinations**
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- LXXXVII. **Assessment of ACC and P450 Genes Expression in Wild Oat (Avena ludoviciana) in Different Tissues Under Herbicide Application**
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- LXXXIX. **Effect of drying methods on the nutritional and phytochemical properties of pumpkin flower (Cucurbita maxima) and its characterization**
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- XC. **Cryoprotective role of konjac oligosaccharide on silver carp proteins during frozen storage through molecular dynamic simulation**
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- XCI. **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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- XCII. **Special Section Guest Editorial: Advanced Image Processing and Applications for Smart Agricultural Systems**
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- XCIII. **Evaluation of yield attributes and bioactive phytochemicals of twenty amaranth genotypes of Bengal floodplain**
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- XCIV. **Physical, chemical, sorption and microbiological characteristics of fennel fruits**
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- XCVI. **Physiology of gamma-aminobutyric acid treated *Capsicum annuum* L. (Sweet pepper) under induced drought stress**
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- XCVII. **Comprehensive Analysis of Physicochemical, Functional, Thermal, and Morphological Properties of Microgreens from Different Botanical Sources**
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- XCVIII. **A Review on Edible Coatings and Films: Advances, Composition, Production Methods, and Safety Concerns**
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- XCIX. **Field evaluation of different eco-friendly alternative control methods against *Panonychus citri* [Acari: Tetranychidae] spider mite and its predators in citrus orchards**
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- C. **The Potential of Hydroponic Seed Minituber Enrichment with the Endophyte *Bacillus subtilis* for Improving the Yield Components and Quality of Potato (*Solanum tuberosum* L.)**
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- CI. **Simultaneous Hydrodistillation of Healthy *Cedrus atlantica* Manetti and Infected by *Trametes pini* and *Ungulina officinalis*: Effect on Antibacterial Activity Utilizing a Mixture-Design Method**
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- CII. **Application of Essential Oils Extracted from Peel Wastes of Four Orange Varieties to Control Anthracnose Caused by *Colletotrichum scovillei* and *Colletotrichum***

gloeosporioides on Mangoes

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- CIII. **Data and domain knowledge dual-driven artificial intelligence: Survey, applications, and challenges**
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- CIV. **Comparison of Thawing Treatments on Quality, Microbiota, and Organoleptic Characteristics of Chicken Meat Fillets**
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- CV. **Genetic Characterization of Advance Bread Wheat Lines for Yield and Stripe Rust Resistance**
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- CVI. **The Global Dilemma of Soil Legacy Phosphorus and Its Improvement Strategies under Recent Changes in Agro-Ecosystem Sustainability**
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- CVII. **Pumpkin and Pumpkin Byproducts: Phytochemical Constitutes, Food Application and Health Benefits**
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- CVIII. **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**
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- CIX. **Simultaneous Hydrodistillation of Cedrus atlantica Manetti and Salvia rosmarinus Spenn: Optimization of Anti-Wood-Decay Fungal Activity Using Mixture Design Methodology**
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- CX. **The Influence of Sulfur Dioxide Concentration on Antioxidant Activity, Total Polyphenols, Flavonoid Content and Individual Polyphenolic Compounds in White Wines during Storage**
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AGRICULTURE-BASEL, cilt.13, sa.7, 2023 (SCI-Expanded)
- CXI. **Recent insights into Nanoemulsions: Their preparation, properties and applications**
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- CXII. **Ameliorative Effects of Exogenous Potassium Nitrate on Antioxidant Defense System and Mineral Nutrient Uptake in Radish (Raphanus sativus L.) under Salinity Stress**
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- CXIII. **Seed Priming Modulates Physiological and Agronomic Attributes of Maize (Zea mays L.) under Induced Polyethylene Glycol Osmotic Stress**
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ACS OMEGA, cilt.8, sa.25, ss.22788-22808, 2023 (SCI-Expanded)
- CXIV. **Multifaceted Impacts of Plant-Beneficial Pseudomonas spp. in Managing Various Plant Diseases and Crop Yield Improvement**
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- CXV. **Biostimulant red seaweed (*Gracilaria tenuistipitata* var. *liui*) extracts spray improves yield and drought tolerance in soybean**
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- CXVI. **Bacterial-Mediated Salinity Stress Tolerance in Maize (*Zea mays* L.): A Fortunate Way toward Sustainable Agriculture**
Ali B., Hafeez A., Afridi M. S., Javed M. A., Sumaira S., Suleman F., Nadeem M., Ali S., Alwahibi M. S., Elshikh M. S., et al.
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- CXVII. **Efficacy of Naphthyl Acetic Acid Foliar Spray in Moderating Drought Effects on the Morphological and Physiological Traits of Maize Plants (*Zea mays* L.)**
Ullah S., Khan M. I., Khan M. N., Ali U., Ali B., Iqbal R., Gaafar A., AlMunqedhi B. M., Razak S. A., Kaplan A., et al.
ACS OMEGA, cilt.8, sa.23, ss.20488-20504, 2023 (SCI-Expanded)
- CXVIII. **Fruit Quality Characteristics of Service Tree (*Sorbus domestica* L.) Genotypes**
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- CXIX. **Comparison of Some Fruit Quality Parameters of Selected 12 Mandarin Genotypes from Black Sea Region in Turkey**
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- CXX. **Application of Plant-Based Edible Coatings and Extracts Influences the Postharvest Quality and Shelf Life Potential of "Surahi" Guava Fruits**
Zaidi M., Akbar A., Ali S., Akram H., ERCİŞLİ S., İLHAN G., Sakar E., Marc R. A., Sonmez D. A., Ullah R., et al.
ACS OMEGA, cilt.8, sa.22, ss.19523-19531, 2023 (SCI-Expanded)
- CXXI. **Integrating BLUP, AMMI, and GGE Models to Explore GE Interactions for Adaptability and Stability of Winter Lentils (*Lens culinaris* Medik.)**
Hossain M. A., Sarker U., Azam M. G., Kobir M. S., Roychowdhury R., ERCİŞLİ S., Ali D., Oba S., Golokhvast K. S.
PLANTS-BASEL, cilt.12, sa.11, 2023 (SCI-Expanded)
- CXXII. **Physico-Chemical Properties Revealed Huge Diversity in 50 Date Palm (*Phoenix Dactylifera* L.) Genotypes**
Ahmad R., Anjum M. A., Ercişli S., Malik W., Sakar E., Marc R. A., Karunakaran R.
FOLIA HORTICULTURAE, cilt.35, sa.1, ss.107-122, 2023 (SCI-Expanded)
- CXXIII. **Explainable human-in-the-loop healthcare image information quality assessment and selection**
Li Y., ERCİŞLİ S.
CAAI TRANSACTIONS ON INTELLIGENCE TECHNOLOGY, 2023 (SCI-Expanded)
- CXXIV. **Effects of Poultry Manure on the Growth, Physiology, Yield, and Yield-Related Traits of Maize Varieties**
Rasool A., Ghani A., Nawaz R., Ahmad S., Shahzad K., Rebi A., Ali B., Zhou J., Ahmad M. I., Tahir M. F., et al.
ACS OMEGA, cilt.8, sa.29, ss.25766-25779, 2023 (SCI-Expanded)
- CXXV. **Apricot Rootstocks with Potential in Hungary**
Paszti E. M., Bujdosó G., ERCİŞLİ S., Hrotko K., Mendel A.
HORTICULTURAE, cilt.9, sa.6, 2023 (SCI-Expanded)
- CXXVI. **Chemical Composition of Essential Oils from *Nepeta transcaucasica* Grossh. and *Nepeta cataria* L. Cultivated in Bulgaria and Their Antimicrobial and Antioxidant Activity**
Mollova S., Dzhurmanski A., Fidan H., Bojilov D., Manolov S., Dincheva I., Stankov S., Stoyanova A., ERCİŞLİ S., Assouguem A., et al.
ACS OMEGA, cilt.8, sa.17, ss.15441-15449, 2023 (SCI-Expanded)
- CXXVII. **Genetic Analyses of Mungbean [*Vigna radiata* (L.) Wilczek] Breeding Traits for Selecting Superior Genotype(s) Using Multivariate and Multi-Traits Indexing Approaches**
Azam M. G., Hossain M. A., Sarker U., Alam A. K. M. M., Nair R. M. M., Roychowdhury R., ERCİŞLİ S., Golokhvast K. S. S.

PLANTS-BASEL, cilt.12, sa.10, 2023 (SCI-Expanded)

- CXXVIII. **Effect of *In Vitro* Digestion on the Phenolic Content of Herbs Collected from Eastern Anatolia**

Özkan G., Sakarya F. B., Tas D., Yurt B., ERCİŞLİ S., Çapanoğlu Güven E.

ACS OMEGA, cilt.8, sa.14, ss.12730-12738, 2023 (SCI-Expanded)

- CXXIX. **Genetic Diversity and Phylogenetic Analyses of *Juglans regia* L. (Juglandaceae) Populations Using RAPD, ISSR Markers and nrDNA ITS Regions**

Sevindik E., Okan K., Sevindik M., ERCİŞLİ S.

Erwerbs-Obstbau, cilt.65, sa.2, ss.311-320, 2023 (SCI-Expanded)

- CXXX. **Effect of *In Vitro* Digestion on the Phenolic Content of Herbs Collected from Eastern Anatolia**

Özkan G., Sakarya F. B., Tas D., YURT B., ERCİŞLİ S., Çapanoğlu Güven E.

ACS OMEGA, cilt.8, sa.14, ss.12730-12738, 2023 (SCI-Expanded)

- CXXXI. **Influence of foliar spray and post-harvest treatments on head yield, shelf-life, and physicochemical qualities of broccoli**

Tarafder S. K., Biswas M., Sarker U., Ercişli S., Okcu Z., Marc R. A., Golokhvast K. S. S.

FRONTIERS IN NUTRITION, cilt.10, 2023 (SCI-Expanded)

- CXXXII. **Dataset and Baselines for IID and OOD Image Classification Considering Data Quality and Evolving Environments**

Zhang Z., Li Y., Gong Y., Yang Y., Ma S., Guo X., ERCİŞLİ S.

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- CXXXIII. **Heat-Stress-Induced Changes in Physio-Biochemical Parameters of Mustard Cultivars and Their Role in Heat Stress Tolerance at the Seedling Stage**

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- CXXXIV. **Silicon Nutrition in Plants under Water-Deficit Conditions: Overview and Prospects**

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- CXXXV. **Exploration and Comparison of the Behavior of Some Indigenous and International Varieties (*Vitis vinifera* L.) Grown in Climatic Conditions of Herzegovina: The Influence of Variety and Vintage on Physico-Chemical Characteristics of Grapes**

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- CXXXVI. **Ultra-Responses of *Asphodelus tenuifolius* L. (Wild Onion) and *Convolvulus arvensis* L. (Field Bindweed) against Shoot Extract of *Trianthema portulacastrum* L. (Horse Purslane)**

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- CXXXVII. **Evaluation of Self-Incompatibility of Some Wild Grown Almond Genotypes in Turkey**

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- CXXXVIII. **Potential Role of Biochar on Capturing Soil Nutrients, Carbon Sequestration and Managing Environmental Challenges: A Review**

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- CXXXIX. **Tree Growth, Productivity, and Fruit Quality Attributes of Pear Grown Under a High-Density Planting System on Heavy Soil. A Case Study**

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- CXL. **Genome-Wide Characterization of the Sulfate Transporter Gene Family in Oilseed Crops: *Camelina sativa* and *Brassica napus***
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- CXLI. **Genome-Wide Identification, Quantification, and Validation of Differentially Expressed miRNAs in Eggplant (*Solanum melongena* L.) Based on Their Response to *Ralstonia solanacearum* Infection**
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- CXLII. **Influence of drought stress and mycorrhizal (*Funneliformis mosseae*) symbiosis on growth parameters, chlorophyll fluorescence, antioxidant activity, and essential oil composition of summer savory (*Satureja hortensis* L.) plants**
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- CXLIII. **THE COMBINED EFFECT OF HERBICIDES ON GROWTH, YIELD AND ECONOMICS OF WHEAT (*Triticum aestivum* L.)**
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- CXLIV. **Assessing Morpho-Physiological and Biochemical Markers of Soybean for Drought Tolerance Potential**
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- CXLV. **Black mulberry (*Morus nigra* L.) fruits: As a medicinal plant rich in human health-promoting compounds**
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- CXLVII. **Melanin antibacterial activity of two new strains, SN1 and SN2, of *Exophiala phaeomuriformis* against five human pathogens**
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- CXLIX. **PHYSICOCHEMICAL SUBSTANCES AND BIOACTIVE COMPONENTS OF WILD CORNELIAN CHERRY (*Cornus mas* L.) FRUITS IN ERZİNCAN PROVINCE OF EASTERN TURKEY FİZİKO-HEMİJSKE SUPSTANCE I BIOAKTIVNE KOMPONENTE PLODOVA DRENA (*Cornus mas* L.) U PROVINCIJI ERZINČAN U ISTOČNOJ TURSKOJ**
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- CLI. **Assessment of genetic diversity and search for Plum pox virus resistance alleles of apricot** (*Prunus armeniaca* L.) genotypes spread in Azerbaijan using SSR markers
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- CLII. **Rainfed assessment of foxtail millet** (*Setaria italica* L. beaur.) germplasms through genotyping and principal component analysis
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- CLIII. **Physiological and biochemical determinants of drought tolerance in tetraploid vs diploid sour orange citrus rootstock**
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- CLIV. **The Main Morphological Characteristics and Chemical Components of Fruits and the Possibilities of Their Improvement in Raspberry Breeding**
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- CLV. **Correlation among some phenological and biochemical traits in date palm** (*Phoenix dactylifera* L.) germplasm
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- CLVI. **Genome-wide identification and expression profiling of two-component system (TCS) genes in Brassica oleracea in response to shade stress**
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- CLVII. **Valorization of grape** (*Vitis vinifera*) leaves for bioactive compounds: novel green extraction technologies and food-pharma applications
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- CLVIII. **Exploiting Morphophysiological Traits for Yield Improvement in Upland Cotton under Salt Stress**
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- CLIX. **Genotypic Performance of F4:7 Wheat Lines under Irrigated and Rainfed Conditions**
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- CLX. **Partial substitution of exogenously applied phosphatic fertilizers by phosphate solubilizing bacteria in maize under calcareous soil**
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- CLXI. **Salinity Stress Ameliorates Pigments, Minerals, Polyphenolic Profiles, and Antiradical Capacity in Lalshak**
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- CLXII. **Micropropagation of autochthonous olive varieties from Türkiye**
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- CLXIII. **Effect of Biochar and Process Water Derived from the Co-Processed Sewage Sludge and Food Waste on Garden Cress' Growth and Quality**
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- CLXIV. **Transcriptomic analysis of bakanae disease resistant and susceptible rice genotypes in response to**

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CLXV. Leaf Area Regulates the Growth Rates and Seed Yield of Soybean (*Glycine max* L. Merr.) in Intercropping System

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CLXVII. Phenols, Volatile Compounds, Organic Acids and Antioxidant Activity of Strawberry Tree (*Arbutus Unedo* L.) Fruits Belonging to Five Genotypes Growing in Morocco

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CLXX. Genetic diversity of fig accessions under atypical climatic conditions assessed by fruit quality and antioxidant activity

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CLXXI. Somatic embryogenesis and beta-glucuronidase transformation in chickpea (*Cicer arietinum* cv. Bivanich)

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CLXXII. Antioxidant, antimicrobial and phytochemical analysis of three endemic *Rhododendron* spp. of Sikkim Himalaya

Shootha D., Tripathi D., Singh M., Kumar D., ERCİŞLİ S.

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CLXXIII. Improvement of Postharvest Quality and Bioactive Compounds Content of Persimmon Fruits after Hydrocolloid-Based Edible Coating Application

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CLXXIV. Nanoparticles: The Plant Saviour under Abiotic Stresses

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CLXXV. Genetic Variability, Character Association, and Path Coefficient Analysis in Transplant Aman Rice Genotypes

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CLXXVI. Application of Potassium after Waterlogging Improves Quality and Productivity of Soybean Seeds

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CLXXVII. TeaGVD: A comprehensive database of genomic variations for uncovering the genetic architecture of

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CLXXVIII. Phytochemical analysis of leaves and stems of *Physalis alkekengi* L. (Solanaceae)

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CLXXX. *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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CLXXXI. 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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CLXXXII. 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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CLXXXIII. Inquiring the inter-relationships amongst grain-filling, grain-yield, and grain-quality of Japonica rice at high latitudes of China

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CLXXXIV. Color and physiochemical attributes of pointed gourd (*Trichosanthes dioica* Roxb.) influenced by modified atmosphere packaging and postharvest treatment during storage

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CLXXXV. Dual Inoculation of Plant Growth-Promoting *Bacillus endophyticus* and *Funneliformis mosseae* Improves Plant Growth and Soil Properties in Ginger

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CLXXXVI. Factors Affecting Postharvest Losses of Sesame (*Sesamum indicum* L.) and Their Mitigation Strategies

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CLXXXVII. Comparative genomic analysis and phylogeny of NAC25 gene from cultivated and wild *Coffea* species

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.LXXXVIII. Remote Sensing Image Information Quality Evaluation via Node Entropy for Efficient Classification

Yang J., Yang Y., Wen J., Li Y., ERCİŞLİ S.

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CLXXXIX. Image Information Contribution Evaluation for Plant Diseases Classification via Inter-Class Similarity

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- CXC. **Assessment of GGE, AMMI, Regression, and Its Deviation Model to Identify Stable Rice Hybrids in Bangladesh**
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- CXCI. **Nano-iron oxide accelerates growth, yield, and quality of Glycine max seed in water deficits**
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- CXCII. **Disturbed-entropy: A simple data quality assessment approach**
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- CXCIII. **Chemical Composition Assessment of Structural Parts (Seeds, Peel, Pulp) of Physalis alkekengi L. Fruits**
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- CXCIV. **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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- CXCV. **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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- CXCVI. **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., Sourı S., Skrovankova S., Mlcek J., ERCİŞLİ S.
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- CXCVII. **Diversity of Phytochemical and Antioxidant Characteristics of Black Mulberry (Morus nigra L.) Fruits from Turkey**
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- CXCVIII. **Synergistic Effect of Bioactive Monoterpenes against the Mosquito, Culex pipiens (Diptera: Culicidae)**
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MOLECULES, cilt.27, sa.13, 2022 (SCI-Expanded)
- CXCIX. **Genetic Analysis in Grain Legumes [Vigna radiata (L.) Wilczek] for Yield Improvement and Identifying Heterotic Hybrids**
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- CC. **Heat stress mitigation in tomato (Solanum lycopersicum L.) through foliar application of gibberellic acid**
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- CCI. **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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- CCII. **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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CCIII. Colorant Pigments, Nutrients, Bioactive Components, and Antiradical Potential of Danta Leaves (*Amaranthus lividus*)

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CCV. Effects of Rhizobacteria Application on Leaf and Fruit Nutrient Content of Different Apple Scion-Rootstock Combinations

YILDIZ E., YAMAN M., ERCİŞLİ S., SÜMBÜL A., SÖNMEZ O., GÜNEŞ A., Bozhuyuk M. R., Kviklys D.

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CCVI. Genome-Wide Identification of Strawberry Metal Tolerance Proteins and Their Expression under Cadmium Toxicity

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CCVII. Genome-wide association links candidate genes to fruit firmness, fruit flesh color, flowering time, and soluble solid content in apricot (*Prunus armeniaca* L.)

Ferik F., Ateş D., Ercişli S., Erdogan A., Orhan E., Tanyolaç M. B.

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CCVIII. 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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CCIX. 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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CCX. Genetic variation and relationships between Azerbaijani and Turkish olive genetic resources

Duran S. T., Aghayeva S., Akparov Z., Mammadov A., Asgarova R., Uslu O. Y., Kirikoglu O., Duran U. T., İPEK M., BARUT E., et al.

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CCXI. Foliar Application of GA(3) Stimulates Seed Production in Cauliflower

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CCXII. *Stachys lavandulifolia* Populations: Volatile Oil Profile and Morphological Diversity

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CCXIII. 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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- CCXV. **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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- CCXVII. **Antioxidant Activity, Phenolic Composition, and Hormone Content of Wild Edible Vegetables**
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- CCXVIII. **Insecticidal Effect of Wild-Grown *Mentha pulegium* and *Rosmarinus officinalis* Essential Oils and Their Main Monoterpenes against *Culex pipiens* (Diptera: Culicidae)**
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- CCXX. **Biochemical Characterization of Six Traditional Olive Cultivars: A Comparative Study**
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- CCXXI. **The Effect of Some Wild Grown Plant Extracts and Essential Oils on *Pectobacterium betavascularum*: The Causative Agent of Bacterial Soft Rot and Vascular Wilt of Sugar Beet**
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- CCXXII. **Genetic diversity among local mango (*Mangifera indica* L.) germplasm using morphological, biochemical and chloroplast DNA barcodes analyses**
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- CCXXIII. **Phytonutrient Composition of Two Phenotypes of *Physalis alkekengi* L. Fruit**
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- CCXXIV. **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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- CCXXV. **The Oxidation Mechanism of Flavan-3-ols by an Enzymatic Reaction Using Liquid Chromatography-Mass Spectrometry-Based Metabolomics Combined with Captured o-Quinone Intermediates of Flavan-3-ols by o-Phenylenediamine**
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- CCXXVII. **Walnut 'Esterhazy kesei' for Small-scale Cultivation**
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- CCXXVIII. **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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- CCXXIX. **Morphological and Biochemical Properties in Fruits of Naturally Grown Cornelian Cherry (Cornus mas L.) Genotypes in Northwest Bosnia and Herzegovina**
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- CCXXX. **Evaluation of Combining Ability and Heterosis of Popular Restorer and Male Sterile Lines for the Development of Superior Rice Hybrids**
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- CCXXXI. **Chemical Composition and Antimicrobial Activity of Essential Oil of Fruits from Vitex agnus-castus L., Growing in Two Regions in Bulgaria**
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- CCXXXIII. **Isolation and Characterization of Three New Crude Oil Degrading Yeast Strains, Candida parapsilosis SK1, Rhodotorula mucilaginosa SK2 and SK3**
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- CCXXXV. **Analysis of Genetic Relationships of Mulberry (Morus L.) Genotypes Using Inter-Simple Sequence Repeats (ISSR) Markers**
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- CCXXXVI. **Cultivar Differences on Nutraceuticals of Grape Juices and Seeds**
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- CCXXXVII. **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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- CCXXXVIII. **Growth and Antioxidant Responses of Lettuce (Lactuca sativa L.) to Arbuscular Mycorrhiza Inoculation and Seaweed Extract Foliar Application**
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- CCXXXIX. **Characterization of carotenoids, chlorophylls, total phenolic compounds, and antioxidant activity of Brassica oleracea L var. botrytis leaves from Pakistan**
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- CCXL. **History of Grape in Anatolia and Historical Sustainable Grape Production in Erzincan Agroecological Conditions in Turkey**
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- CCXLII. **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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- CCXLIII. **Influence of Interaction Effects of the Different Pollenizers on the Blatina Variety (*Vitis vinifera* L.) Grape Cluster and Seed Characteristics**
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- CCXLIV. **Nutritional Analysis of Red-Purple and White-Fleshed Pitaya (*Hylocereus*) Species**
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- CCXLV. **Chemical Composition of *Pinus nigra* Arn. Unripe Seeds from Bulgaria**
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- CCXLVI. **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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- CCXLVIII. **SNP discovery and structural insights into OeFAD2 unravelling high oleic/linoleic ratio in olive oil**
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- CCXLIX. **Evaluation of the expression of induced genes in response to dehydration stress of *Camelina sativa* calli**
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- CCL. **State and economical benefit of organic production: fields crops and fruits in the world and Montenegro**
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- CCLIV. **MORPHOLOGICAL AND BIOCHEMICAL DIVERSITY IN *Rosa* SPECIES**
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- CCLV. **Seed priming alleviates salt stress in two fenugreek (*Trigonella foenum-graecum* L.) Cultivars**
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- CCLVI. **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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- CCLVII. **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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- CCLVIII. **The Influence of Traditional and Immobilized Yeast on the Amino-Acid Content of Sparkling Wine**
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- CCLIX. **Foliar spray of Si and Ti nanoparticles affected enzymatic antioxidants in rapeseed (*Brassica napus* L.)**
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- CCLX. **Molecular Characterization of Barberry Genotypes from Turkey and Kyrgyzstan**
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- CCLXIII. **The Effect of Organic, Inorganic Fertilizers and Their Combinations on Fruit Quality Parameters in Strawberry**
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- CCLXIV. **Biochemical and Morphological Characteristics of Some Macrofungi Grown Naturally**
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- CCLXV. **Non-Volatile Metabolic Profiling and Regulatory Network Analysis in Fresh Shoots of Tea Plant and Its Wild Relatives**
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- CCLXVI. **Nutraceutical and Functional Properties of Peel, Pulp, and Seed Extracts of Six 'Kohnu' Grape Clones**
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- CCLXVII. **Assessment of Morphological Traits, Nutritional and Nutraceutical Composition in Fruits of 18 Apricot cv. Sekerpare Clones**
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- CCLXVIII. **Phenolic Composition and Antioxidant Activity of Peel, Pulp and Seed Extracts of Different Clones of the Turkish Grape Cultivar 'Karaerik'**
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- CCLXX. **Identification and Molecular Analysis of Putative Self-Incompatibility Ribonuclease Alleles in an Extreme Polyploid Species, Prunus laurocerasus L.**
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- CCLXXI. **Chemical, Nutritional and Sensory Characteristics of Six Ornamental Edible Flowers Species**
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- CCLXXIV. **Effect of Pre-Harvest Organic Cytokinin Application on the Post-Harvest Physiology of Pepper (Capsicum annuum L.)**
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CCLXXXV. **Integrated Approach to Olive Oil Characteristics of Some Cultivar Candidates from Nutritional, Oxidative Stability and Sensory Perspective for Advanced Selection of Cross Breeding**

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- CCXCIV. **Characterization of Oleaster-Leafed Pear (*Pyrus elaeagrifolia* Pall. subsp. *elaegrifolia*) Fruits in Turkey**
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- CCXCV. **Influence of Foliar Application with Gibberellic Acid on Phenolic and Bioactive Compounds of Strawberry Fruits**
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- CCXCVI. **Selection and identification of superior banana phenotypes from Turkey**
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- CCXCVII. **In-Depth Genetic Diversity and Population Structure of Endangered Peruvian Amazon Rosewood Germplasm Using Genotyping by Sequencing (GBS) Technology**
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- CCXCVIII. **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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- CCXCIX. **Carboxymethyl cellulose coating delays chilling injury development and maintains eating quality of 'Kinnow' mandarin fruits during low temperature storage**
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- CCCI. **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**
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- CCCII. **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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- CCCIV. **Functionnal and Technological Properties of Five Strawberry (*Arbutus Unedo* L.) Fruit as Bioactive Ingredients in Functional Foods**
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- CCCV. **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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- CCCVI. **Characteristics of bakuchiol-the compound with high biological activity and the main source of its**

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- CCCVIII. **Exploring Antioxidant Activity, Organic Acid, and Phenolic Composition in Strawberry Tree Fruits (Arbutus unedo L.) Growing in Morocco**
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- CCCX. **SEQUENTIAL PATH ANALYSIS AND RELATIONSHIPS BETWEEN FRUIT YIELD IN WATERMELON**
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- CCCXI. **Genome-Wide Association Study for Biomass Related Traits in a Panel of Sorghum bicolor and S. bicolor x S. halepense Populations**
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- CCCXII. **Agro-Morphological and Biochemical Characterization of Wild Prunus spinosa L. Subsp. dasyphylla (Schur) Domin Genotypes Naturally Grown in Western Black Sea Region of Turkey**
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- CCCXIII. **Characterization of European cranberrybush (Viburnum opulus L.) genetic resources in Turkey**
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- CCCXIV. **Morphological and Biochemical Diversity Among Autochthonous Grape Cultivars Morphologische und biochemische Vielfalt bei autochthonen Rebsorten**
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- CCCXV. **Sustainable Cornelian Cherry Production in Montenegro: Importance of Local Genetic Resources**
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- CCCXVI. **Phytochemical Components and Bioactivity Assessment among Twelve Strawberry (Arbutus unedo L.) Genotypes Growing in Morocco Using Chemometrics**
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- CCCXVIII. **Forecasting Banana Harvest Area and Production in Turkey Using Time Series Analysis**
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- CCCXIX. **Comparative Analysis of Far East Sikhotsky Rhododendron (Rh. sichotense) and East Siberian Rhododendron (Rh. adamsii) Using Supercritical CO₂-Extraction and HPLC-ESI-MS/MS Spectrometry**
Razgonova M., Zakharenko A., ERCİŞLİ S., Grudev V., Golokhvast K.
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- CCCXX. **Diversity on Fruits of Wild Grown European Cranberrybush from Coruh Valley in Turkey**

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- CCCXXII. **Genetic diversity detection of seed-propagated walnut (*Juglans regia* L.) germ plasm from Eastern Anatolia using SSR markers**
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- CCCXXIII. **Morphological and biochemical diversity among wild-grown carob trees (*Ceratonia siliqua* L.)**
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- CCCXXIV. **Multivariate Adaptive Regression Splines: A Potential Method for Tissue Culture Data Analysis**
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- CCCXXV. **Rapid Mass Spectrometric Study of a Supercritical CO₂-extract from Woody Liana *Schisandra chinensis* by HPLC-SPD-ESI-MS/MS**
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- CCCXXVI. **The chromosome-scale genome reveals the evolution and diversification after the recent tetraploidization event in tea plant**
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- CCCXXVII. **Physicochemical characteristics of wild and cultivated apricots (*Prunus armeniaca* L.) from Aras valley in Turkey**
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- CCCXXVIII. **The impact of drying on bioactive compounds of blue honeysuckle berries (*Lonicera caerulea* var. *edulis* Turcz. ex Herder)**
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- CCCXXIX. **Molecular characterization of genetic diversity and similarity centers of safflower accessions with ISSR markers**
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- CCCXXX. **Chemical Composition and Antimicrobial Activity of Essential Oil from Aerial Part (Leaves and Fruit) of *Eucalyptus gomphocephala* DC**
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- CCCXXXI. **Prediction of Walnut Mass Based on Physical Attributes by Artificial Neural Network (ANN)**
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- CCCXXXII. **MicroRNA expression patterns unveil differential expression of conserved miRNAs and target genes against abiotic stress in safflower**
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- CCCXXXIII. **Korean Wild Soybeans (*Glycine soja* Sieb & Zucc.): Geographic Distribution and Germplasm Conservation**

- Nawaz M. A., Lin X., Chan T., Ham J., Shin T., ERCİŞLİ S., Golokhvast K. S., Lam H., Chung G.
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- :CCXXXIV. **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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- CCCXXXV. **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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- :CCXXXVI. **AGRO-MORPHOLOGICAL AND BIOCHEMICAL CHARACTERISTICS OF DISEASE-FREE SEED PROPAGATED EUROPEAN CHESTNUTS (*Castanea sativa* Mill.)**
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- CCXXXVII. **Some Important Horticultural Properties of Summer Apple Genotypes from Coruh Valley in Turkey**
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- CCCXC. **Assessment of Genetic Relationship among Male and Female Fig Genotypes Using Simple Sequence Repeat (SSR) Markers**
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- CCCXCIX. **MOLECULAR CHARACTERIZATION OF SOME SELECTED PERSIMMON GENOTYPES AND CULTIVARS BY SRAP AND SSR MARKERS**
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- CD. **GENETIC DIVERSITY AMONG OLIVE GENOTYPES FROM MERSIN PROVINCE OF TURKEY REVEALED BY SSR MARKERS**
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- CDX. **Phenotypic and Bioactive Diversity on Medlar Fruits (*Mespilus germanica* L.)**
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- CDXI. **Effects of Bio-Bor Fertilizer Applications on Fruit Yield, Antioxidant Enzyme Activity and Freeze Injury of Strawberry**
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- CDXV. **Bioactive Content of Rose Hips of Different Wildly Grown *Rosa dumalis* Genotypes**
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- CDXVI. **Volatile Compounds of New Promising Dried Apricot (*Prunus armeniaca* L.) Genotypes**
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- CDXVII. **Response of Yield, Growth and Iron Deficiency Chlorosis of 'Santa Maria' Pear Trees on Four Rootstocks**

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- CDXVIII. **Morphological Characterization of Autochthonous Apple Genetic Resources in Montenegro**

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- CDXX. **Morphological, physiological, biochemical characteristics and bud success responses of myrobalan 29 c plum rootstock subjected to water stress**

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- CDXXI. **In vitro Germination of Early Ripening Sweet Cherry Varieties (Prunus avium L.) at Different Fruit Ripening Stages**

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- CDXXII. **Inferring Phylogenetic Relationships of Indian Citron (Citrus medica L.) based on rbcL and matK Sequences of Chloroplast DNA**

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- CDXXIII. **Total phenolic and vitamin C content and antiradical activity evaluation of traditionally consumed wild edible vegetables from Turkey**

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- CDXXV. **AFLP-Based Analysis of Genetic Diversity, Population Structure, and Relationships with Agronomic Traits in Rice Germplasm from North Region of Iran and World Core Germplasm Set**

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- CDXL. **PHYSICAL, CHEMICAL, SENSORIAL AND BIOACTIVE CHARACTERISTICS OF LOCAL AND STANDARD PEAR CULTIVARS IN TURKEY**
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- CDXLI. **In vitro PROPOGATION OF *Physalis peruviana* (L.) USING APICAL SHOOT EXPLANTS**
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- CDXLV. **Determination of genetic relatedness among Turkish apple germplasm based on ISSR markers**
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- CDXLVI. **Influence of arbuscular mycorrhizae and plant growth promoting rhizobacteria on proline content, membrane permeability and growth of strawberry (*Fragaria x ananassa* Duch.) under salt stress**
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- CDXLVII. **ORGANIC ACIDS, SUGARS AND MINERAL CONTENT OF CHERRY LAUREL (*LAUROCERASUS OFFICINALIS* ROEM.) ACCESSIONS IN TURKEY**
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- CDXLVIII. **SOME PHYSICO-MECHANICAL PROPERTIES OF RADISH (*Raphanus sativus* L.) CULTIVARS**
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- CDXLIX. **Fruit Weight, Total Phenolics, Acidity and Sugar Content of Edible Wild Pear (*Pyrus elaeagnifolia* Pall.) Fruits**
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- CDLII. **Mineral Composition of Leaves and Fruit in Some Myrtle (*Myrtus communis* L.) Genotypes**
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- CDLIII. **Natural variability in phytosterols in almond (*Prunus amygdalus*) trees growing under a southern Mediterranean climate**
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- CDLV. **Dimensional, Frictional, and Color Properties of Four Quince Cultivars (*Cydonia oblonga* Miller)**
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- CDLVI. **Benzyladenine and Gibberellin Applications Improve Fruit Weight and Delay Maturity of Sweet Cherry**
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- CDLVII. **Fruit Cracking in Mango (*Mangifera indica* L.) cv. 'Dashehari'**
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- CDLVIII. **Some morphological and fruit characteristics of naturally grown *Pyrus elaeagrifolia* Pall. of Kayseri Province (Central Anatolia, Turkey)**
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- CDLXVI. **Genetic characterization of banana clones grown in Turkey based on nuclear DNA content and SRAP markers**
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- CDLXVIII. **COMPOSITIONAL STUDIES OF OIL AND ANTIOXIDANT CAPACITY OF OIL AND EXTRACTS OF *Diarrhron vesiculosum***
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- CDLXX. **TREATMENT OF SYNTHETIC DYE WASTEWATER BY COAGULATION AND COAGULATION AIDS**
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- CDLXXI. **DETERMINATION OF SELF-(IN) COMPATIBILITY IN SOME TURKISH CULTIVATED AND WILD APRICOTS**
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- CDLXXII. **PHYSICO-CHEMICAL AND BIOLOGICAL ACTIVITY OF HAWTHORN (*Crataegus* spp. L.) FRUITS IN TURKEY**
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- CDLXXIII. **IN VITRO ANTIBACTERIAL ACTIVITIES OF BLACK AND WHITE RADISHES (*RAPHANUS SATIVUS* L.)**
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- CDLXXIV. **Harvest and postharvest quality of sweet cherry are improved by pre-harvest benzyladenine and benzyladenine plus gibberellin applications**
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- CDLXXV. **SELENIUM SUPPLEMENTATION AFFECTS THE GROWTH, YIELD AND SELENIUM ACCUMULATION IN LETTUCE (LACTUCA SATIVA L.)**
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- CDLXXVI. **Use of in vitro propagation of 'Oblacinska' sour cherry in rootstock breeding**
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- CLXXXVII. **Hydro- and osmopriming improve chickpea germination**

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Orhan E., Eşitken A., Ercisli S., Şahin F.

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Ercisli S.

FOOD CHEMISTRY, cilt.104, sa.4, ss.1379-1384, 2007 (SCI-Expanded)

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- DCXCIII. **Biological control of brown rot (*Moniliana laxa* Ehr.) on apricot (*Prunus armeniaca* L. cv. Hacıhaliloglu) by *Bacillus*, *Burkholdria*, and *Pseudomonas* application under in vitro and in vivo conditions**

ALTINDAG M., SAHIN M., EŞİTKEN A., Ercisli S., GULERYUZ M., DONMEZ M. F., SAHIN F.

BIOLOGICAL CONTROL, cilt.38, sa.3, ss.369-372, 2006 (SCI-Expanded)

- DCXCIV. **The chemical composition of essential oil and in vitro antibacterial activities of essential oil and methanol extract of *Ziziphora persica* Bunge**

OZTURK S., Ercisli S.

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- DCXCV. **Outlook for Turkey's hazelnut sector**

YAVUZ F., Ercisli S.

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