

## Prof.Dr. Sezai ERCİŐLİ

### Kişisel Bilgiler

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### Eğitim Bilgileri

Doktora, Atatürk Üniversitesi, Fen Bilimleri, Bahçe Bitkileri, Türkiye 1992 - 1996

Yüksek Lisans, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Bahçe Bitkileri Anabilim Dalı, Türkiye 1990 - 1992

Lisans, Atatürk Üniversitesi, Ziraat Fakültesi, Bahçe Bitkileri, Türkiye 1985 - 1989

### Araştırma Alanları

Tarımsal Bilimler, Ziraat, Bahçe Bitkileri, Meyve Yetiştirme ve Islahı, Sert Çekirdekli Meyveler, Üzümü 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

Dr.Öğr.Üyesi, Atatürk Üniversitesi, Ziraat Fakültesi, Bahçe Bitkileri, 1996 - 2000

### Akademik İdari Deneyim

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

Rektör Yardımcısı, Atatürk Üniversitesi, 2016 - 2020

### Jüri Üyelikleri

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

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

#### I. Progress in the Methods of Jujube Breeding

Ahmad I., Maryam M., ERCİŐLİ S., Anjum M. A., Ahmad R.

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#### II. Effect of Biochar and Process Water Derived from the Co-Processed Sewage Sludge and Food Waste

**on Garden Cress' Growth and Quality**

Kul R., Yıldırım E., Ekinci M., Turan M., Ercişli S.

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- III. **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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- IV. **Salt Eustress Induction in Red Amaranth (Amaranthus gangeticus) Augments Nutritional, Phenolic Acids and Antiradical Potential of Leaves**  
Ercişli S.  
ANTIOXIDANTS, cilt.11, sa.12, ss.1-10, 2022 (SCI-Expanded)
- V. **Plant Microbiome Engineering: Hopes or Hypes**  
Ercişli S.  
BIOLOGY, cilt.11, sa.12, ss.1-12, 2022 (SCI-Expanded)
- VI. **Comparison of Wild and Introduced Dracocephalum jacutense P.: Significant Differences of Multicomponent Composition**  
Ercişli S.  
Horticulturae, cilt.8, sa.12, ss.1-10, 2022 (SCI-Expanded)
- VII. **Study of Cryopreservation and Freezing Behavior in Almond Winter Bud**  
Choudhary R., Malik S. K., Chaudhury R., Patil P. D., ERCİŞLİ S., Sharma K. C.  
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- VIII. **Somatic embryogenesis and beta-glucuronidase transformation in chickpea (Cicer arietinum cv. Bivanich)**  
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MOLECULAR BIOLOGY REPORTS, cilt.49, sa.12, ss.11219-11227, 2022 (SCI-Expanded)
- IX. **Phenols, Volatile Compounds, Organic Acids and Antioxidant Activity of Strawberry Tree (Arbutus Unedo L.) Fruits Belonging to Five Genotypes Growing in Morocco**  
Zitouni H., Fauconnier M. L., Hssaini L., Ouaabou R., Viuda-Martos M., Hernandez F., ERCİŞLİ S., Haddou L. A., Messaoudi Z., Hanine H.  
INTERNATIONAL JOURNAL OF FRUIT SCIENCE, cilt.22, sa.1, ss.414-437, 2022 (SCI-Expanded)
- X. **Genetic diversity of fig accessions under atypical climatic conditions assessed by fruit quality and antioxidant activity**  
Milosevic T., Miletic N., Miletic N., ERCİŞLİ S.  
SOUTH AFRICAN JOURNAL OF BOTANY, cilt.151, ss.214-223, 2022 (SCI-Expanded)
- XI. **Leaf Area Regulates the Growth Rates and Seed Yield of Soybean (Glycine max L. Merr.) in Intercropping System**  
Raza M. A., Gul H., Hasnain A., Bin Khalid M. H., Hussain S., Abbas G., Ahmed W., Babar M. J., Ahmed Z., Saeed A., et al.  
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- XII. **Transcriptomic analysis of bakanae disease resistant and susceptible rice genotypes in response to infection by Fusarium fujikuroi**  
Bashyal B. M., Rawat K., Parmar P., Gupta A. K., Gupta S., Krishnan S. G., Choudhary R., ERCİŞLİ S., Kovacevic A., Aggarwal R.  
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- XIII. **Autofluorescence-Based Investigation of Spatial Distribution of Phenolic Compounds in Soybeans Using Confocal Laser Microscopy and a High-Resolution Mass Spectrometric Approach**  
Razgonova M. P., Zinchenko Y. N., Kozak D. K., Kuznetsova V. A., Zakharenko A. M., ERCİŞLİ S., Golokhvast K. S.  
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- XIV. **Application of Potassium after Waterlogging Improves Quality and Productivity of Soybean Seeds**  
Al Mamun M. A., Julekha J., Sarker U., Mannan M. A., Rahman M. M., Karim M. A., ERCİŞLİ S., Marc R. A., Golokhvast K. S.  
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- XV. **Genetic Variability, Character Association, and Path Coefficient Analysis in Transplant Aman Rice Genotypes**  
Faysal A. S. M., Ali L., Azam M. G., Sarker U., ERCİŞLİ S., Golokhvast K. S., Marc R. A.  
PLANTS-BASEL, cilt.11, sa.21, 2022 (SCI-Expanded)
- XVI. **Phytochemical analysis of leaves and stems of *Physalis alkekengi* L. (Solanaceae)**  
Popova V., Ivanova T., Stoyanova M., Mazova N., Dimitrova-Dyulgerova I., Stoyanova A., ERCİŞLİ S., Assouguem A., Kara M., Topcu H., et al.  
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- XVII. **Improvement of Postharvest Quality and Bioactive Compounds Content of Persimmon Fruits after Hydrocolloid-Based Edible Coating Application**  
Saleem M. S., Ejaz S., Anjum M. A., Ali S., Hussain S., ERCİŞLİ S., İLHAN G., Marc R. A., Skrovankova S., Mlcek J.  
HORTICULTURAE, cilt.8, sa.11, 2022 (SCI-Expanded)
- XVIII. **Nanoparticles: The Plant Saviour under Abiotic Stresses**  
Khalid M. F., Khan R. I., Jawaid M. Z., Shafqat W., Hussain S., Ahmed T., Rizwan M., ERCİŞLİ S., Pop O. L., Marc R. A.  
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- XIX. **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**  
Ali M. M., Anwar R., Rehman R. N. U., Ejaz S., Ali S., Yousef A. F., ERCİŞLİ S., Hu X., Hou Y., Chen F.  
FRONTIERS IN PLANT SCIENCE, cilt.13, 2022 (SCI-Expanded)
- XX. **Dual Inoculation of Plant Growth-Promoting *Bacillus endophyticus* and *Funneliformis mosseae* Improves Plant Growth and Soil Properties in Ginger**  
Jabborova D., Davranov K., Jabbarov Z., Bhowmik S. N., ERCİŞLİ S., Danish S., Singh S., Desouky S. E., Elazzazy A. M., Nasif O., et al.  
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- XXI. ***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***  
Razgonova M. P., Bazhenova B. A., Zabalueva Y. Y., Burkhanova A. G., Zakharenko A. M., Kupriyanov A. N., Sabitov A. S., ERCİŞLİ S., Golokhvast K. S.  
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- XXII. **Impression of foliar-applied folic acid on coriander (*Coriandrum sativum* L.) to regulate aerial growth, biochemical activity, and essential oil profiling under drought stress**  
Khan M. T., Ahmed S., Sardar R., Shareef M., Abbasi A., Mohiuddin M., ERCİŞLİ S., Fiaz S., Marc R. A., Attia K., et al.  
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- XXIII. **Inquiring the inter-relationships amongst grain-filling, grain-yield, and grain-quality of Japonica rice at high latitudes of China**  
Farooq M. S., Khaskheli M. A., Uzair M., Xu Y., Wattoo F. M., Rehman O. u., Amatus G., Fatima H., Khan S. A., Fiaz S., et al.  
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- XXIV. **Color and physiochemical attributes of pointed gourd (*Trichosanthes dioica* Roxb.) influenced by modified atmosphere packaging and postharvest treatment during storage**  
Hassan J., Jahan F., Rajib M. M. R., Sarker U., Miyajima I., Ozaki Y., ERCİŞLİ S., Golokhvast K. S., Marc R. A.  
FRONTIERS IN PLANT SCIENCE, cilt.13, 2022 (SCI-Expanded)
- XXV. **Data quality assessment and analysis for pest identification in smart agriculture**  
Yang J., Lan G., Li Y., Gong Y., Zhang Z., ERCİŞLİ S.  
COMPUTERS & ELECTRICAL ENGINEERING, cilt.103, 2022 (SCI-Expanded)
- XXVI. **Factors Affecting Postharvest Losses of Sesame (*Sesamum indicum* L.) and Their Mitigation Strategies**  
Usman M., Razzaq M., Khan R. A. R., Rehman M. A., Ali M. M., Gull S., Yousef A. F., Adnan M., ERCİŞLİ S., Golokhvast K. S.  
AGRONOMY-BASEL, cilt.12, sa.10, 2022 (SCI-Expanded)
- XXVII. **Image Information Contribution Evaluation for Plant Diseases Classification via Inter-Class Similarity**

- Yang J., Yang Y., Li Y., Xiao S., ERCİŞLİ S.  
SUSTAINABILITY, cilt.14, sa.17, 2022 (SCI-Expanded)
- XXVIII. **Disturbed-entropy: A simple data quality assessment approach**  
Li Y., Chao X., ERCİŞLİ S.  
ICT EXPRESS, cilt.8, sa.3, ss.309-312, 2022 (SCI-Expanded)
- XXIX. **Chemical Composition Assessment of Structural Parts (Seeds, Peel, Pulp) of Physalis alkekengi L. Fruits**  
Popova V., Petkova Z., Mazova N., Ivanova T., Petkova N., Stoyanova M., Stoyanova A., ERCİŞLİ S., OKCU Z., Skrovankova S., et al.  
MOLECULES, cilt.27, sa.18, 2022 (SCI-Expanded)
- XXX. **Nano-iron oxide accelerates growth, yield, and quality of Glycine max seed in water deficits**  
Dola D. B., Mannan M. A., Sarker U., Al Mamun M. A., Islam T., ERCİŞLİ S., Saleem M. H., Ali B., Pop O. L., Marc R. A.  
FRONTIERS IN PLANT SCIENCE, cilt.13, 2022 (SCI-Expanded)
- XXXI. **Assessment of GGE, AMMI, Regression, and Its Deviation Model to Identify Stable Rice Hybrids in Bangladesh**  
Hasan M. J., Kulsum M. U., Sarker U., Matin M. Q. I., Shahin N. H., Kabir M. S., ERCİŞLİ S., Marc R. A.  
PLANTS-BASEL, cilt.11, sa.18, 2022 (SCI-Expanded)
- XXXII. **Remote Sensing Image Information Quality Evaluation via Node Entropy for Efficient Classification**  
Yang J., Yang Y., Wen J., Li Y., ERCİŞLİ S.  
REMOTE SENSING, cilt.14, sa.17, 2022 (SCI-Expanded)
- XXXIII. **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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- XXXIV. **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**  
Ma J., Saleem M. H., Ali B., Rasheed R., Ashraf M. A., Aziz H., ERCİŞLİ S., Riaz S., Elsharkawy M. M., Hussain I., et al.  
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- XXXV. **Individual and combinatorial effects of SNP and NaHS on morpho-physio-biochemical attributes and phytoextraction of chromium through Cr-stressed spinach (*Spinacia oleracea* L.)**  
Ma J., Saleem M. H., Yasin G., Mumtaz S., Qureshi F. F., Ali B., ERCİŞLİ S., Alhag S. K., Ahmed A. E., Vodnar D. C., et al.  
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- XXXVI. **Heat stress mitigation in tomato (*Solanum lycopersicum* L.) through foliar application of gibberellic acid**  
Guo T., Gull S., Ali M. M., Yousef A. F., ERCİŞLİ S., Kalaji H. M., Telesinski A., Auriga A., Wrobel J., Radwan N. S., et al.  
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- XXXVII. **Diversity of Phytochemical and Antioxidant Characteristics of Black Mulberry (*Morus nigra* L.) Fruits from Turkey**  
Skrovankova S., ERCİŞLİ S., ÖZKAN G., İLHAN G., SAĞBAŞ H. İ., KARATAŞ N., Jurikova T., Mlcek J.  
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- XXXVIII. **Genetic Analysis in Grain Legumes [*Vigna radiata* (L.) Wilczek] for Yield Improvement and Identifying Heterotic Hybrids**  
Azam M. G., Sarker U., Hossain M. A., Iqbal M. S., Islam M. R., Hossain M. F., ERCİŞLİ S., KUL R., Assouguem A., AL-Huqail A. A., et al.  
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- XXXIX. **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**  
Kirillov V., Pathak A., Stikhareva T., ERCİŞLİ S., Daulenova M., Kazangapova N., Rakhimzhanov A.  
JOURNAL OF FOREST RESEARCH, cilt.27, sa.4, ss.289-296, 2022 (SCI-Expanded)
- XL. **Synergistic Effect of Bioactive Monoterpenes against the Mosquito, *Culex pipiens* (Diptera):**

**Culicidae)**

Ramzi A., Lalami A. E. O., Annemer S., Zoubi Y. E., Assouguem A., Almutairi M. H., Kamel M., Peluso I., ERCİŞLİ S., Farah A.

MOLECULES, cilt.27, sa.13, 2022 (SCI-Expanded)

- XXI. **The Effect of Different Doses of 1-Methylcyclopropene on Postharvest Physiology and Predicting Ethylene Production through Multivariate Adaptive Regression Splines in Cocktail Tomato**  
BAHAR A., Çavuşoğlu Ş., Yılmaz N., Tekin O., ERCİŞLİ S.  
HORTICULTURAE, cilt.8, sa.7, 2022 (SCI-Expanded)
- XLII. **Foliar Application of GA(3) Stimulates Seed Production in Cauliflower**  
Prodhan M. M., Sarker U., Hoque M. A., Biswas M. S., ERCİŞLİ S., Assouguem A., Ullah R., Almutairi M. H., Mohamed H. R. H., Najda A.  
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- XLIII. **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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- XLIV. **Effect of Zinc Oxide Nanoparticles (ZnO-NPs) on Seed Germination Characteristics in Two Brassicaceae Family Species: Camelina sativa and Brassica napus L**  
Sarkhosh S., Kahrizi D., Darvishi E., Tourang M., Haghghi-Mood S., Vahedi P., ERCİŞLİ S.  
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- XLV. **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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- XLVI. **Genome-Wide Identification of Strawberry Metal Tolerance Proteins and Their Expression under Cadmium Toxicity**  
Haider M. S., Sheikh T. M. M., Jiu S., Aleem M., Shafqat W., Shoukat K., Khan N., Jaskani M. J., Naqvi S. A., ERCİŞLİ S., et al.  
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- XLVII. **Development of molecular markers linked to QTL/genes controlling Zn efficiency**  
PINAR H., Bulbul C., Simsek D., Shams M., MUTLU N., ERCİŞLİ S.  
MOLECULAR BIOLOGY REPORTS, cilt.49, sa.6, ss.5273-5281, 2022 (SCI-Expanded)
- XLVIII. **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**  
El Fadili M., Er-Rajy M., Kara M., Assouguem A., Belhassan A., Alotaibi A., Mrabti N. N., Fidan H., Ullah R., ERCİŞLİ S., et al.  
PHARMACEUTICALS, cilt.15, sa.6, 2022 (SCI-Expanded)
- XLIX. **Recovering triploid citrus hybrids from 2x x 2x sexual crosses with the aid of embryo rescue and flow cytometry in Turkey**  
ÇİMEN B., YEŞİLOĞLU T., DÖNMEZ D., AKA KAÇAR Y., ERCİŞLİ S.  
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- L. **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.  
MOLECULAR BIOLOGY REPORTS, cilt.49, sa.6, ss.5283-5291, 2022 (SCI-Expanded)
- LI. **Colorant Pigments, Nutrients, Bioactive Components, and Antiradical Potential of Danta Leaves (Amaranthus lividus)**  
Sarker U., Iqbal M. A., Hossain M. N., Oba S., ERCİŞLİ S., Muresan C. C., Marc R. A.  
ANTIOXIDANTS, cilt.11, sa.6, 2022 (SCI-Expanded)
- LII. **Stachys lavandulifolia Populations: Volatile Oil Profile and Morphological Diversity**

Hassanpouraghdam M. B., Salimi Y., Morshedloo M. R., Asadi M., Rasouli F., ERCİŞLİ S., Fidan H., Muresan C. C., Marc R. A.

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- LIII. **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.  
PLANTS-BASEL, cilt.11, sa.9, 2022 (SCI-Expanded)
- LIV. **Antioxidant Activity, Phenolic Composition, and Hormone Content of Wild Edible Vegetables**  
ÖZTÜRK H. İ., Nas H., EKİNCİ M., TURAN M., ERCİŞLİ S., NARMANLIOĞLU H. K., YILDIRIM E., Assouguem A., Almeer R., Sayed A. A., et al.  
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- LV. **Biochemical Characterization of Six Traditional Olive Cultivars: A Comparative Study**  
ÇÖMLEKÇİOĞLU S., Elgudayem F., Nogay G., YAŞA KAFKAS N. E., Ben Ayed R., ERCİŞLİ S., Assouguem A., Almeer R., Najda A.  
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- LVI. **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**  
Zha M., Lian L., Wen M., Ercisli S., Ren Y., Jiang Z., Ho C., Zhang L.  
JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, cilt.70, sa.18, ss.5715-5727, 2022 (SCI-Expanded)
- LVII. **Identification of Metabolites Changes and Quality in Strawberry Fruit: Effect of Cultivation in High Tunnel and Open Field**  
Gecer M. K., Orman E., GÜNDOĞDU M., ERCİŞLİ S., Karunakaran R.  
PLANTS-BASEL, cilt.11, sa.10, 2022 (SCI-Expanded)
- LVIII. **Phytonutrient Composition of Two Phenotypes of *Physalis alkekengi* L. Fruit**  
Popova V., Mazova N., Ivanova T., Petkova N., Stoyanova M., Stoyanova A., ERCİŞLİ S., Assouguem A., Kara M., Alshawwa S. Z., et al.  
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- LIX. **In Vitro Studies on the Antimicrobial and Antioxidant Activities of Total Polyphenol Content of *Cynara humilis* from Moulay Yacoub Area (Morocco)**  
El Khomsi M., Kara M., Hmamou A., Assouguem A., Al Kamaly O., Saleh A., ERCİŞLİ S., Fidan H., Hmouni D.  
PLANTS-BASEL, cilt.11, sa.9, 2022 (SCI-Expanded)
- LX. **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**  
Rastgou M., Rezaee Danesh Y., ERCİŞLİ S., Sayyed R. Z., El Enshasy H. A., Dailin D. J., Alfarraj S., Ansari M. J.  
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- LXI. **Genetic diversity among local mango (*Mangifera indica* L.) germplasm using morphological, biochemical and chloroplast DNA barcodes analyses**  
Kumar S., Kaushik R. A., Jain D., Saini V. P., Babu S. R., Choudhary R., ERCİŞLİ S.  
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- LXII. **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**  
Singh D., Lawrence K., Singh S., ERCİŞLİ S., Choudhary R.  
SAUDI JOURNAL OF BIOLOGICAL SCIENCES, cilt.29, sa.5, ss.3772-3790, 2022 (SCI-Expanded)
- LXIII. **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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- CLXVIII. **Korean Wild Soybeans (*Glycine soja* Sieb & Zucc.): Geographic Distribution and Germplasm Conservation**  
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- CLXX. **Investigations of Volatile Organic Compounds in Berries of Different *Actinidia kolomikta* (Ruin: & Maxim.) Maxim. Accessions**  
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- CLXXIII. **AGRO-MORPHOLOGICAL AND BIOCHEMICAL CHARACTERISTICS OF DISEASE-FREE SEED PROPAGATED EUROPEAN CHESTNUTS (*Castanea sativa* Mill.)**  
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- CXC. **Identification of some Fruit Characteristics in Wild Bilberry (*Vaccinium myrtillus* L.) Accessions from Eastern Anatolia**  
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- CXCI. **Phytochemical and Antioxidant Diversity in Fruits of Currant (*Ribes* spp.) Cultivars**  
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- CXCII. **Interactive effects of temperature and genotype on almond (*Prunus dulcis* L.) pollen germination and tube length**  
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- CXCIII. **Physicochemical and bioactive characteristics of wild grown bilberry (*Vaccinium myrtillus* L.) genotypes from Northeastern Turkey**  
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- CXCV. **PHENOTYPIC AND BIOCHEMICAL PARAMETERS WITHIN HISTORICAL ZIVZIK POMEGRANATE CULTIVAR**  
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- CXCVII. **AGRO-MORPHOLOGICAL AND BIOCHEMICAL CHARACTERISTICS OF EUROPEAN CRANBERRYBUSH (*Viburnum opulus* L.)**  
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- CXCVIII. **GRAPEVINE LEAF AREA MEASUREMENTS BY USING PIXEL VALUES**  
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- CCLXX. **In vitro PROPOGATION OF *Physalis peruviana* (L.) USING APICAL SHOOT EXPLANTS**  
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- CCLXXII. **COMPOSITIONAL STUDIES AND ANTIOXIDANT POTENTIAL OF FRUIT OF *Zizyphus oxyphylla* EDGEW**  
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- CCLXXIII. **Antifungal and Herbicidal Effects of Fruit Essential Oils of Four *Myrtus communis* Genotypes**  
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- CCLXXV. **Fruit and Oil Characteristics of Olive Candidate Cultivars from Turkey**  
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- :CLXXVIII. **Toxic Effects of Eight Plant Essential Oils Against Adults of Colorado Potato Beetle, *Leptinotarsa decemlineata* Say (Coleoptera: Chrysomelidae)**  
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- CCLXXX. **PHYSICAL, CHEMICAL, SENSORIAL AND BIOACTIVE CHARACTERISTICS OF LOCAL AND STANDARD PEAR CULTIVARS IN TURKEY**  
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- CCLXXXI. **FOLIAR APPLICATION OF CALCIUM NITRATE, BORIC ACID AND GIBBERELLIC ACID AFFECTS YIELD AND QUALITY OF POMEGRANATE (*Punica granatum* L.)**  
Korkmaz N., Askin M. A., ERCİŞLİ S., Okatan V.  
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- CCLXXXII. **Morphological and Molecular Characterization of Major Quince Cultivars from Turkey**  
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- :CLXXXIII. **ORGANIC ACIDS, SUGARS AND MINERAL CONTENT OF CHERRY LAUREL (*LAUROCERASUS OFFICINALIS* ROEM.) ACCESSIONS IN TURKEY**

- ESRİNGÜ A., AKSIC M. F., ERCİŞLİ S., Okatan V., GÖZLEKÇİ S., Cakir O.  
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- :CLXXXIV. **Determination of genetic relatedness among Turkish apple germplasm based on ISSR markers**  
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- CCLXXXV. **Fruit Weight, Total Phenolics, Acidity and Sugar Content of Edible Wild Pear (*Pyrus elaeagnifolia* Pall.) Fruits**  
 Yılmaz K. U., ERCİŞLİ S., ÇAM M., UZUN A., YILMAZTEKİN M., Kafkas E., PINAR H.  
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- :CLXXXVI. **Callus induction, shoot proliferation and root regeneration of potato (*Solanum tuberosum* L.) stem node and leaf explants under long-day conditions**  
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- :LXXXVIII. **Natural variability in phytosterols in almond (*Prunus amygdalus*) trees growing under a southern Mediterranean climate**  
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- :CLXXXIX. **Micropropagation of Promising Jujube (*Ziziphus jujuba* Mill.) Genotypes**  
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- CCXC. **Some Fruit Characteristics of Selected Cornelian Cherries (*Cornus mas* L.) from Montenegro**  
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- CCXCI. **Dimensional, Frictional, and Color Properties of Four Quince Cultivars (*Cydonia oblonga* Miller)**  
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- CCXCII. **Some morphological and fruit characteristics of naturally grown *Pyrus elaeagrifolia* Pall. of Kayseri Province (Central Anatolia, Turkey)**  
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- CCXCIII. **Fruit Cracking in Mango (*Mangifera indica* L.) cv. 'Dashehari'**  
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- CCXCIV. **Benzyladenine and Gibberellin Applications Improve Fruit Weight and Delay Maturity of Sweet Cherry**  
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- CCXCV. **Elliptic Fourier analysis for shape distinction of Turkish hazelnut cultivars**  
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- CCXCVI. **Biodiversity and Landscape Use of Sea Buckthorn (*Hippophae rhamnoides* L.) in the Coruh Valley of Turkey**  
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- CCXCVII. **Evaluation of seed quality and oil parameters in native Iranian almond (*Prunus L. spp.*) species**  
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- CCXCVIII. **Cadmium toxicity affects chlorophyll a and b content, antioxidant enzyme activities and mineral**

**nutrient accumulation in strawberry**

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- CCXCIX. **Sugars, organic acids, and phenolic compounds of ancient grape cultivars (*Vitis vinifera* L.) from Iğdir province of Eastern Turkey**  
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- CCC. **TREATMENT OF SYNTHETIC DYE WASTEWATER BY COAGULATION AND COAGULATION AIDS**  
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- CCCI. **Phytochemical profiles and antioxidant activity of some grape accessions (*Vitis* spp.) native to Eastern Anatolia of Turkey**  
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- CCCII. **GENOTYPE SELECTION FOR PHYSICO-CHEMICAL FRUIT TRAITS IN POMEGRANATE (*Punica granatum* L.) IN TURKEY**  
Okatan V., Akca Y., ERCİŞLİ S., GÖZLEKÇİ S.  
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- CCCIII. **BIOCHEMICAL AND CYTOTOXIC STUDIES OF VARIOUS PARTS OF *Ranunculus glacialis***  
ADEEL H. M., AHMAD M., RASOOL N., MANSHA A., BOKHARI T. H., ULLAH A., RIAZ M., TAHIR L., ERCİŞLİ S., ZIA-UL-HAQ M.  
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- CCCIV. **DETERMINATION OF SELF-(IN) COMPATIBILITY IN SOME TURKISH CULTIVATED AND WILD APRICOTS**  
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- CCCV. **COMPOSITIONAL STUDIES OF OIL AND ANTIOXIDANT CAPACITY OF OIL AND EXTRACTS OF *Dianthus barbatus***  
SHANI K. H., ZUBAIR M., RIZWAN K., RASOOL N., ERCİŞLİ S., MAHMOOD A., ZIA-UL-HAQ M., DIMA L., PASCU A. M.  
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- CCCVI. **IN VITRO ANTIBACTERIAL ACTIVITIES OF BLACK AND WHITE RADISHES (*Raphanus sativus* L.)**  
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- CCCVII. **Use of in vitro propagation of 'Oblacinska' sour cherry in rootstock breeding**  
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- CCCVIII. **DETERMINATION OF SHAPE IN FRUITS OF CHERRY LAUREL (*Prunus laurocerasus*) ACCESSIONS BY USING ELLIPTIC FOURIER ANALYSIS**  
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- CCCIX. **COMPOSITIONAL STUDY AND ANTIOXIDANT CAPACITY OF *Grewia asiatica* L. SEEDS GROWN IN PAKISTAN**  
ZIA-UL-HAQ M., AHMAD S., IMRAN I., ERCİŞLİ S., MOGA M.  
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- CCCX. **SCREENING BIOLOGICAL ACTIVITY OF ESSENTIAL OILS FROM *Artemisia dracunculoides* L.**  
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- CCCXI. **ANTIOXIDANT POTENTIAL OF *Cichorium intybus* AND *Lentinus edodes* AMELIORATES CARBONTETRACHLORIDE-INDUCED LIVER TOXICITY**  
BUKHARI S. A., ALI M., ANWAR H., FAROOQ M., ERCİŞLİ S., DIMA L., ZIA-UL-HAQ M.  
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- CCCXII. **SELENIUM SUPPLEMENTATION AFFECTS THE GROWTH, YIELD AND SELENIUM ACCUMULATION IN LETTUCE (*LACTUCA SATIVA* L.)**  
ESRİNGÜ A., EKİNCİ M., TIRAŞCI S., TURAN M., DURSUN A., ERCİŞLİ S., YILDIRIM E.  
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- CCCXIII. **PHYTOREMEDIATION OF SOME HEAVY METALS BY DIFFERENT TISSUES OF ROSES GROWN IN THE MAIN INTERSECTIONS IN ERZURUM CITY, TURKEY**  
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- CCCXIV. **Harvest and postharvest quality of sweet cherry are improved by pre-harvest benzyladenine and benzyladenine plus gibberellin applications**  
Canli F. A., Sahin M., ERCİŞLİ S., Yilmaz O., Temurtas N., PEKTAS M.  
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- CCCXV. **SELECTION OF SUPERIOR PERSIAN WALNUT (*Juglans regia* L.) FROM SEEDLING ORIGIN IN TURKEY**  
Akca Y., Bilgen Y., ERCİŞLİ S.  
ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS, cilt.14, sa.3, ss.103-114, 2015 (SCI-Expanded)
- CCCXVI. **THE TOXICITY OF ESSENTIAL OILS OF SOME PLANT SPECIES AGAINST ADULTS OF COLORADO POTATO BEETLE, *LEPTINOTARSA DECEMLINEATA* SAY (COLEOPTERA: CHRYSOMELIDAE)**  
KESDEK M., Kordali S., Usanmaz A., ERCİŞLİ S.  
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- CCCXVII. **DETERMINATION OF GENETIC DIVERSITY AMONG SOME ALMOND ACCESSIONS**  
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- CCCXVIII. **Microwave Irradiated Copolymerization of Xanthan Gum with Acrylamide for Colonic Drug Delivery**  
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- CCCXIX. **GC-MS ANALYSIS, ANTIOXIDANT AND ANTIMICROBIAL STUDIES OF *Sophora mollis* ESSENTIAL AND FIXED OIL**  
IRAM H., RASOOL N., RIAZ M., Ullah A., BOKHARI T. H., MUSHARRAF S. G., TAREEN R. B., ZUBAIR M., ERCİŞLİ S., ZIA-UL-HAQ M.  
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- CCCXX. **SELENIUM SUPPLEMENTATION AFFECTS THE GROWTH, YIELD AND SELENIUM ACCUMULATION IN LETTUCE (*LACTUCA SATIVA* L.)**  
ESRİNGÜ A., EKİNCİ M., USTA S., Turan M., DURSUN A., ERCİŞLİ S., YILDIRIM E.  
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- CCCXXI. **Genetic characterization of banana clones grown in Turkey based on nuclear DNA content and SRAP markers**  
PINAR H., ÜNLÜ M., BİRCAN M., BAYSAL F., Tuna G. S., Tuna M., ERCİŞLİ S.  
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- CCCXXII. **PHYSICO-CHEMICAL AND BIOLOGICAL ACTIVITY OF HAWTHORN (*Crataegus* spp. L.) FRUITS IN TURKEY**  
ERCİŞLİ S., YANAR M., ŞENGÜL M., Yildiz H., TOPDAŞ E. F., Taskin T., Zengin Y., Yilmaz K. U.  
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- CCCXXIII. **EVALUATION OF BIOLOGICAL ACTIVITIES AND GC-MS ANALYSIS OF *Zygophyllum eurypterum***  
SHAHZAD F., ZUBAIR M., RIZWAN K., RASSOL N., TAREEN R. B., RIAZ M., ERCİŞLİ S., Zia-Ul-Haq M.  
OXIDATION COMMUNICATIONS, cilt.38, ss.1978-1994, 2015 (SCI-Expanded)
- CCCXXIV. **Organic acids, sugars, vitamin C, antioxidant capacity, and phenolic compounds in fruits of white (*Morus alba* L.) and black (*Morus nigra* L.) mulberry genotypes**  
Eyduran S. P., ERCİŞLİ S., Akin M., Beyhan O., Gecer M. K., Eyduran E., Erturk Y. E.  
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- CCCXXV. **BIOLOGICAL CONTROL OF ROOT ROT DISEASE CAUSED BY *Rhizoctonia solani* Kuhn ON POTATO AND BEAN USING ANTAGONIST BACTERIA**

Donmez M. F., Uysal B., DEMİRCİ E., ERCİŞLİ S., Cakmakci R.

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CCCXXVI. **Genetic relatedness among quince (*Cydonia oblonga* Miller) accessions from Turkey using amplified fragment length polymorphisms**

Topcu H., KAFKAS S., DOĞAN A., AKCAY M. E., ERCİŞLİ S.

JOURNAL OF APPLIED BOTANY AND FOOD QUALITY, cilt.88, ss.197-201, 2015 (SCI-Expanded)

CCCXXVII. **Influence of rootstocks on growth, yield, fruit quality and leaf mineral element contents of pear cv. 'Santa Maria' in semi-arid conditions**

İkinci A., Bolat I., ERCİŞLİ S., KODAD O.

BIOLOGICAL RESEARCH, cilt.47, 2014 (SCI-Expanded)

:CCXXVIII. **Polyphenolic Compounds and Antioxidant Activity in Berries of Four Russian Cultivars of *Lonicera kamschatica* (Sevast.) Pojark**

JURIKOVA T., SOCHOR J., MLCEK J., BALLA S., ERCİŞLİ S., DURISOVA L., KYNICKY J.

ERWERBS-OBSTBAU, cilt.56, sa.4, ss.117-122, 2014 (SCI-Expanded)

CCCXXIX. **Determination of Heat Requirements and Effective Heat Summations of Some Pomegranate Cultivars Grown in Southern Anatolia**

İkinci A., MAMAY M., Unlu L., Bolat I., ERCİŞLİ S.

ERWERBS-OBSTBAU, cilt.56, sa.4, ss.131-138, 2014 (SCI-Expanded)

CCCXXX. **Biodiversity of figs (*Ficus carica* L.) in Coruh valley of Turkey**

SEZEN I., ERCİŞLİ S., GÖZLEKÇİ S.

ERWERBS-OBSTBAU, cilt.56, sa.4, ss.139-146, 2014 (SCI-Expanded)

CCCXXXI. **INOCULATIONS WITH PLANT GROWTH PROMOTING RHIZOBACTERIA (PGPR) STIMULATE ADVENTITIOUS ROOT FORMATION ON SEMI-HARDWOOD STEM CUTTINGS OF *FICUS BENJAMINA* L.**

SEZEN I., KAYMAK H. Ç., AYTATLI B., Donmez M. F., ERCİŞLİ S.

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CCCXXXII. **Some Physicochemical Characteristics, Bioactive Content and Antioxidant Characteristics of Non-Sprayed Barberry (*Berberis vulgaris* L.) Fruits from Turkey**

Yildiz H., Ercişli S., Şengül M., Topdaş E. F., Beyhan O., Cakir O., Narmanlioğlu H. K., Orhan E.

ERWERBS-OBSTBAU, cilt.56, sa.4, ss.123-129, 2014 (SCI-Expanded)

:CCXXXIII. **Phenolic compounds and vitamins in wild and cultivated apricot (*Prunus armeniaca* L.) fruits grown in irrigated and dry farming conditions**

Kan T., Gundogdu M., ERCİŞLİ S., Muradoglu F., Çelik F., Gecer M. K., KODAD O., ZIA-UL-HAQ M.

BIOLOGICAL RESEARCH, cilt.47, 2014 (SCI-Expanded)

:CCXXXIV. **Organic acids, sugars, vitamin C content and some pomological characteristics of eleven hawthorn species (*Crataegus* spp.) from Turkey**

Gundogdu M., Ozrenk K., ERCİŞLİ S., Kan T., KODAD O., HEGEDUS A.

BIOLOGICAL RESEARCH, cilt.47, 2014 (SCI-Expanded)

CCCXXXV. **Compositional studies and biological activities of some mash bean (*Vigna mungo* (L.) Hepper) cultivars commonly consumed in Pakistan**

ZIA-UL-HAQ M., AHMAD S., BUKHARI S. A., AMAROWICZ R., ERCİŞLİ S., JAAFAR H. Z. E.

BIOLOGICAL RESEARCH, cilt.47, 2014 (SCI-Expanded)

:CCXXXVI. **Cyclooxygenase-2 inhibition improves antioxidative defense during experimental hypercholesterolemia**

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- III. **Lateral root induction by bacteria radicle cut off and IBA treatments of almond cvs Texas and Nonpareil seedlings**  
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## **Desteklenen Projeler**

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## **Bilimsel Dergilerdeki Faaliyetler**

Caucasian Journal of Horticulture, Baş Editör, 2020 - Devam Ediyor

## **Metrikler**

Yayın: 712

Atf (WoS): 7625

Atf (Scopus): 8075

H-İndeks (WoS): 47

H-İndeks (Scopus): 47