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Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 1958

Education Information

Doctorate, Ataturk University, Fen Bilimleri, Bahe Bitkileri, Turkey 1992 - 1996

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Bahe Bitkileri Anabilim Dalı, Turkey 1990 - 1992

Undergraduate, Ataturk University, Ziraat Fakóltesi, Bahe Bitkileri, Turkey 1985 - 1989

Research Areas

Agricultural Sciences, Agriculture, Garden Plants, Fruit Breeding and Breeding, Drupaceous Fruits (apricots, plums, cherries, peaches, etc.), Berries, Biotechnology and Genetics

Academic Titles / Tasks

Professor, Ataturk University, Ziraat Fakóltesi, Bahe Bitkileri, 2006 - Continues

Associate Professor, Ataturk University, Ziraat Fakóltesi, Bahe Bitkileri, 2000 - 2005

Assistant Professor, Ataturk University, Ziraat Fakóltesi, Bahe Bitkileri, 1996 - 2000

Academic and Administrative Experience

Head of Department, Ataturk University, Ziraat Fakóltesi, Bahe Bitkileri, 2020 - Continues

Vice Rector, Ataturk University, 2016 - 2020

Courses

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

Jury Memberships

Post Graduate, Post Graduate, İğdır Üniversitesi, July, 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Breeding for water-use efficiency in wheat: progress, challenges and prospects**
Hafeez A., Ali S., Javed M. A., Iqbal R., Khan M. N., ÇİĞ F., Sabagh A. E., Abujamel T., Harakeh S., ERCİŞLİ S., et al.
Molecular Biology Reports, vol.51, no.1, 2024 (SCI-Expanded)
- II. **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.
BMC Plant Biology, vol.24, no.1, 2024 (SCI-Expanded)
- III. **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, vol.23, 2024 (SCI-Expanded)
- IV. **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, 2024 (SCI-Expanded)
- V. **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, vol.71, no.5, pp.2053-2064, 2024 (SCI-Expanded)
- VI. **Phenolic Compounds and Peroxide Parameters of Olive Oils Obtained from Local Varieties**
Tanrisever S., SAKAR E., ERCİŞLİ S.
APPLIED FRUIT SCIENCE, no.3, pp.1141-1149, 2024 (SCI-Expanded)
- VII. **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, vol.18, no.2, pp.229-238, 2024 (SCI-Expanded)
- VIII. **Functional role of geminivirus encoded proteins in the host: Past and present**
Ercişli S.
BIOTECHNOLOGY JOURNAL, vol.19, no.6, pp.1-22, 2024 (SCI-Expanded)
- IX. **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, vol.24, no.6, pp.2294-2308, 2024 (SCI-Expanded)
- X. **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, vol.10, no.9, 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, 2024 (SCI-Expanded)
- XII. **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, vol.220, no.5, 2024 (SCI-Expanded)
- XIII. **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., ÖZDEMİR F. A., Iqbal R., et al.
ACS OMEGA, 2024 (SCI-Expanded)
- XIV. **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.

ACS OMEGA, vol.9, no.14, pp.16656-16664, 2024 (SCI-Expanded)

- XV. **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, vol.71, no.4, pp.1541-1555, 2024 (SCI-Expanded)
- XVI. **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, vol.70, no.2, pp.137-142, 2024 (SCI-Expanded)
- XVII. **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, vol.70, no.2, pp.1-9, 2024 (SCI-Expanded)
- XVIII. **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, vol.71, no.3, pp.1013-1023, 2024 (SCI-Expanded)
- XIX. **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, vol.71, no.2, pp.773-784, 2024 (SCI-Expanded)
- XX. **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, 2024 (SSCI)
- XXI. **Assessment of Antioxidant Activities of Flaxseed (*Linum usitatissimum* L.) and Fennel Seed (*Foeniculum vulgare* Mill.) Extracts**
Noreen S., Tufail T., Ain H. B. U., Khalid W., Hanif A., Ali B., Khan M. N., Iqbal R., Alwahibi M. S., ERCİŞLİ S., et al.
Polish Journal of Environmental Studies, vol.33, no.3, pp.3359-3366, 2024 (SCI-Expanded)
- XXII. **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, vol.33, no.4, pp.4325-4334, 2024 (SCI-Expanded)
- XXIII. **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, vol.158, 2024 (SCI-Expanded)
- XXIV. **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)
- XXV. **EVALUATION OF Ca(NO₃)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, no.2, pp.61-78, 2024 (SCI-Expanded)
- XXVI. **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, vol.77, 2024 (SCI-Expanded)

- XXVII. **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, vol.196, 2024 (SCI-Expanded)
- XXVIII. **EVALUATION OF Ca(NO₃)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, vol.23, no.2, pp.61-78, 2024 (SCI-Expanded)
- XXIX. **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, vol.28, no.1, 2024 (SCI-Expanded)
- XXX. **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, vol.33, no.4, pp.3503-3513, 2024 (SCI-Expanded)
- XXXI. **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, vol.164, pp.66-76, 2024 (SCI-Expanded)
- XXXII. **Phytochemical screening and antioxidant activity of *Vitex agnus-castus* L.**
Drioua S., Azalmad H., El-Guourrami O., Ameggouz M., Benkhoulil F. Z., Assouguem A., Kara M., Ullah R., Ali E. A., ERCİŞLİ S., et al.
OPEN CHEMISTRY, vol.22, no.1, 2024 (SCI-Expanded)
- XXXIII. **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, vol.22, no.1, 2024 (SCI-Expanded)
- XXXIV. **Revealing the effects of amino acid, organic acid, and phytohormones on the germination of tomato seeds under salinity stress**
KARAKAN F. Y., KAYMAK H. Ç., Akan S., ERCİŞLİ S., Assouguem A., Ullah R., Ali E. A., Fidan H.
OPEN LIFE SCIENCES, vol.19, no.1, 2024 (SCI-Expanded)
- XXXV. **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, vol.38, no.1, 2024 (SCI-Expanded)
- XXXVI. **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, vol.43, no.1, pp.38-59, 2024 (SCI-Expanded)
- XXXVII. **Micromorphological Foliar Screening for Identification of Moraceae Taxa using Light Microscopy (LM) and Scanning Electron Microscopy (SEM) Techniques**
Hadi F., Jamal U., Khan M. N., Razzaq A., Hayat K., Zaman F., Kaplan A., Ali B., Shah S. N., Iqbal M., et al.
Polish Journal of Environmental Studies, vol.33, no.4, pp.4141-4152, 2024 (SCI-Expanded)
- XXXVIII. **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, vol.30, no.2, pp.216-228, 2024 (SCI-Expanded)
- XXXIX. **Space nutrition and the biochemical changes caused in Astronauts Health due to space flight: A review**
Dakkumadugula A., Pankaj L., Alqahtani A. S., Ullah R., ERCİŞLİ S., Murugan R.
FOOD CHEMISTRY-X, vol.20, 2023 (SCI-Expanded)

- XL. **Foliar application of iron-lysine to boost growth attributes, photosynthetic pigments and biochemical defense system in canola (*Brassica napus* L.) under cadmium stress**
Okla M. K., Saleem M. H., Saleh I. A., Zomot N., Perveen S., Parveen A., Abasi F., Ali H., Ali B., Alwasel Y. A., et al.
BMC Plant Biology, vol.23, no.1, 2023 (SCI-Expanded)
- XLII. **Improvements in the biochemical responses and Pb and Ni phytoremediation of lavender (*Lavandula angustifolia* L.) plants through *Funneliformis mosseae* inoculation**
Rasouli F., Hassanpouraghdam M. B., Pirsarandib Y., Aazami M. A., Asadi M., ERCİŞLİ S., Mehrabani L. V., Puglisi I., Baglieri A.
BMC PLANT BIOLOGY, vol.23, no.1, 2023 (SCI-Expanded)
- XLIII. **Inter- and Intraspecific Genetic Variation of Native Hawthorn (*Crataegus* spp.) Genotypes Grown in the Çoruh Valley in Türkiye**
SAĞBAŞ H. İ., ERCİŞLİ S., ÖZKAN G., İLHAN G.
Erwerbs-Obstbau, vol.65, no.6, pp.2537-2546, 2023 (SCI-Expanded)
- XLIV. **Primary Determination of the Composition of Secondary Metabolites in the Wild and Introduced *Artemisia martjanovii* Krasch: Samples from Yakutia**
Okhlopkova Z. M., ERCİŞLİ S., Razgonova M. P., Ivanova N. S., Antonova E. E., Egorov Y. A., Kucharova E. V., Golokhvast K. S.
HORTICULTURAE, vol.9, no.12, 2023 (SCI-Expanded)
- XLV. **Effect of exogenous essential oil treatments on the storage behaviour of apricot fruit harvested at different altitudes**
Yilmaz N., Islek F., Çavuşoğlu Ş., Necas T., Ondrasek I., ERCİŞLİ S.
FOLIA HORTICULTURAE, vol.35, no.2, pp.433-447, 2023 (SCI-Expanded)
- XLVI. **Effect of green-synthesized copper oxide nanoparticles on growth, physiology, nutrient uptake, and cadmium accumulation in *Triticum aestivum* (L.)**
Alhaithloul H. A. S., Ali B., Alghanem S. M. S., Zulfiqar F., Al-Robai S. A., ERCİŞLİ S., Yong J. W. H., Moosa A., Irfan E., Ali Q., et al.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.268, 2023 (SCI-Expanded)
- XLVII. **In Vitro Induction of Polyploidy by Colchicine in the Protocorm of the Orchid *Dendrobium wardianum* Warner**
Wang F., Zhuo X., Arslan M., ERCİŞLİ S., Chen J., Liu Z., Lan S., Peng D.
HORTSCIENCE, vol.58, no.11, pp.1368-1375, 2023 (SCI-Expanded)
- XLVIII. **Suggesting a prospect for melatonin-mediated orchid flowering under extreme conditions**
Ahmad S., Wang F., Ahmad A., ERCİŞLİ S., Chen J., Guan Y., Zhao K., Zhou Y., Lan S., Liu Z., et al.
SCIENTIA HORTICULTURAE, vol.321, 2023 (SCI-Expanded)
- XLIX. **Evaluation of genetic diversity using iPBS-SCoT marker methods in native hawthorn genetic resources and species identification by using DNA barcoding method**
SAĞBAŞ H. İ., ERCİŞLİ S., AYDIN M., İlhan E., Aydinyurt R., Kasapoglu A. G., Muslu S., Polat Y.
Cellular and molecular biology (Noisy-le-Grand, France), vol.69, no.10, pp.43-55, 2023 (SCI-Expanded)
- L. **Microsatellite-based diversity analysis and the development of core-set germplasm in Pakistani barley lines**
Ali M., Shaukat F., Khan W., Syed A., Maqsood J., Kamal H., ERCİŞLİ S., Balijagic J., Ullah R., Bari A., et al.
Cellular and molecular biology (Noisy-le-Grand, France), vol.69, no.10, pp.100-108, 2023 (SCI-Expanded)
- L. **Nano-Biochar Enhances Wheat Crop Productivity by Vindicating the Effects of Drought: In Relation to Physiological and Phenological Stages**
Sammar Raza M. A., Shah A. N., Shahid M. A., Nawaz M., Ibrahim M. A., Iqbal R., Aslam M. U., ERCİŞLİ S., Ali Q.
ACS OMEGA, vol.8, no.41, pp.37808-37819, 2023 (SCI-Expanded)
- LI. **Modeling the potential impact of climate change on maize-maize cropping system in semi-arid environment and designing of adaptation options**
Abbas G., Ahmed M., Fatima Z., Hussain S., Kheir A. M. S., ERCİŞLİ S., Ahmad S.
AGRICULTURAL AND FOREST METEOROLOGY, vol.341, 2023 (SCI-Expanded)
- LII. **Pomegranate Peel Phytochemistry, Pharmacological Properties, Methods of Extraction, and Its**

Application: A Comprehensive Review

Singh J., Kaur H. P., Verma A., Chahal A. S., Jajoria K., Rasane P., Kaur S., Kaur J., Gunjal M., ERCİŞLİ S., et al.
ACS OMEGA, vol.8, no.39, pp.35452-35469, 2023 (SCI-Expanded)

- LIII. **Morphoanatomical and Physiological Adaptations of *Triticum aestivum* L. against Allelopathic Extract of *Trianthema portulacastrum* L. (Horse purslane)**
Hassan M. S., Naz N., Ali H., Ali B., Akram M., Ali B., Mahmood F., Shahzad U., Hussain M., Iqbal R., et al.
ACS OMEGA, vol.8, no.39, pp.35874-35883, 2023 (SCI-Expanded)
- LIV. **Cryoprotective role of konjac oligosaccharide on silver carp proteins during frozen storage through molecular dynamic simulation**
Walayat N., Yi M., Wang X., Khalifa I., Nawaz A., Li C., Aadil R. M., ERCİŞLİ S., Ullah R., Lorenzo J. M., et al.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.188, 2023 (SCI-Expanded)
- LV. **The Effect of PGPR Applications on Bioactive Content and Fruit Characteristics of Different Apple Scion-Rootstock Combinations**
YAMAN M., YILDIZ E., SÜMBÜL A., ERCİŞLİ S., SÖNMEZ O., GÜNEŞ A., SAY A., KEÇE Y. M., ÜNSAL H. T.
Erwerbs-Obstbau, vol.65, no.5, pp.1267-1273, 2023 (SCI-Expanded)
- LVI. **Fatty Acid Characterization of "Gulcan 2 × Lauranne" and "Guara × Nurlu" F1 Hybrid Almond Population**
Ercik K., ÇÖMLEKÇİOĞLU S., Kafkas N. E., ERCİŞLİ S., SAĞBAŞ H. İ.
Erwerbs-Obstbau, vol.65, no.5, pp.1479-1487, 2023 (SCI-Expanded)
- LVII. **Nut, Kernel and Tree Characteristics of Selected Seed Propagated Almonds (*Amygdalus communis* L.) in Datca Peninsula**
Bozkurt T., ERCİŞLİ S., Sakar E.
Erwerbs-Obstbau, vol.65, no.5, pp.1489-1497, 2023 (SCI-Expanded)
- LVIII. **Assessment of ACC and P450 Genes Expression in Wild Oat (*Avena ludoviciana*) in Different Tissues Under Herbicide Application**
Akbarabadi A., Ismaili A., Nazarian Firouzabadi F., ERCİŞLİ S., Kahrizi D.
Biochemical Genetics, vol.61, no.5, pp.1867-1879, 2023 (SCI-Expanded)
- LIX. **Development of EST-SSR Markers and Genetic Diversity Analysis Among Wild Pistachio Species**
Shirazi M., Rahimi M., Sorkkeh K., ERCİŞLİ S.
ERWERBS-OBSTBAU, vol.65, no.5, pp.1573-1581, 2023 (SCI-Expanded)
- LX. **Effect of drying methods on the nutritional and phytochemical properties of pumpkin flower (*Cucurbita maxima*) and its characterization**
Gargi A., Singh J., Rasane P., Kaur S., Kaur J., Kumar M., Sowdhanya D., Gunjal M., Choudhary R., ERCİŞLİ S.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.17, no.5, pp.5330-5343, 2023 (SCI-Expanded)
- LXI. **Physiological and Germination Responses of Muskmelon (*Cucumis melo* L.) Seeds to Varying Osmotic Potentials and Cardinal Temperatures via a Hydrothermal Time Model**
ul Haq I., Ullah S., Amin F., Nafees M., Shah W., Ali B., Iqbal R., Kaplan A., Ali M. A., Elshikh M. S., et al.
ACS OMEGA, vol.8, no.37, pp.33266-33279, 2023 (SCI-Expanded)
- LXII. **Physical, chemical, sorption and microbiological characteristics of fennel fruits**
Dushkova M., Dimov M., Lazarov L., Pencheva M., Kostova I., Damyanova S., Menkov N., Stoyanova A., ERCİŞLİ S., Assouguem A., et al.
HELIYON, vol.9, no.9, 2023 (SCI-Expanded)
- LXIII. **Special Section Guest Editorial: Advanced Image Processing and Applications for Smart Agricultural Systems**
Li Y., ERCİŞLİ S.
Journal of Electronic Imaging, vol.32, no.5, 2023 (SCI-Expanded)
- LXIV. **Evaluation of yield attributes and bioactive phytochemicals of twenty amaranth genotypes of Bengal floodplain**
Jahan N., Sarker U., Saikat M. M. H., Hossain M. M., Azam M. G., Ali D., ERCİŞLİ S., Golokhvast K. S.
HELIYON, vol.9, no.9, 2023 (SCI-Expanded)
- LXV. **γ-tocopherol methyltransferase gene sequencing and SNP discovery associated with olive oil quality**

Ayadi N., Rayda Ben Ayed B., ERCİŞLİ S., Durul M. S., Sakar E., Rebai A.

Cellular and molecular biology (Noisy-le-Grand, France), vol.69, no.8, pp.111-117, 2023 (SCI-Expanded)

- LXVI. **Physiology of gamma-aminobutyric acid treated *Capsicum annuum* L. (Sweet pepper) under induced drought stress**
Iqbal B., Hussain F., Khan M. S., Iqbal T., Shah W., Ali B., Al Syaad K. M., ERCİŞLİ S.
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