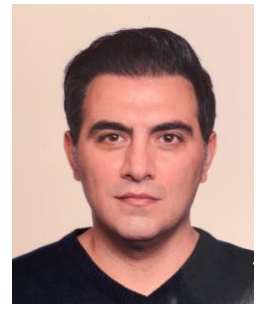


Curriculum Vitae



Name Surname : Aras Türkoğlu

Date of Birth : 11 September 1985

Title : Associate Professor of Plant Breeding and Genetics Necmettin Erbakan University-Faculty of Agriculture

Degree	Area	University	Year
Doctorate	Department of Field Crops/Cereals and Edible Legumes	Ataturk University, Erzurum, Türkiye	2016
Post PhD	Department of Field Crops/Cereals and Edible Legumes	Ataturk University, Erzurum, Türkiye	2019

A1. Articles published in journals scanned under SCI, SCI-Expanded, SSCI and AHCI

- A1-1. Sarıgül K, Haliloğlu K, **Türkoğlu A**, Nadaroğlu H, Alaylı A. (2024). Ce2O3 nanoparticle synthesis, characterization, and application to callus formation and plant regeneration from mature embryo culture of wheat (*Triticum aestivum* L.). **Plant Cell, Tissue and Organ Culture (PCTOC) (2024)** 158:49. **SCI-Expanded – Q1).**
- A1-2. Aydın, N., Demir, B., Akdag, H., Gokmen, S., Sayaslan, A., Bayraç, C., ... & **Türkoğlu, A.** (2024). Accelerated breeding strategies for biochemical marker-assisted backcross breeding and mapping population development in bread wheat (*Triticum aestivum* L.). **Euphytica**, 220(7), 116. **SCI-Expanded – Q2).**
- A1-3. Pour-Aboughadareh, A., Bocianowski, J., Jamshidi, B., & **Turkoglu, A.** (2024). Physiological and molecular responses of wild relatives of wheat possessing the D genome to salinity stress. **Genetic Resources and Crop Evolution**, 1-16. **SCI-Expanded – Q2).**
- A1-4. **Türkoğlu, A.**, Haliloğlu, K., Ekinci, M., Turan, M., Yildirim, E., Öztürk, H. İ., ... & Niedbała, G. (2024). Zinc Oxide Nanoparticles: An Influential Element in Alleviating Salt Stress in Quinoa (*Chenopodium quinoa* L. Cv Atlas). **Agronomy**, 14(7), 1462. **SCI-Expanded – Q1).**
- A1-5. Haliloğlu Kamil, Özer Hakan, Melik Seda, Çoban Furkan, **Türkoğlu Aras** (2024). Exploring the genetic diversity and population structure of fenugreek (*Trigonella foenum?graecum* L.) genotypes through inter?primer binding site (iPBS) retrotransposon?marker system. **Genet Resour Crop Evol**, Doi: 10.1007/s10722-023-01849-5 (Yayın No: 8850918) **SCI-Expanded – Q2).**
- A1-6. Kaysım, M. G., Kumlay, A. M., Haliloglu, K., **Türkoğlu, A.**, Piekutowska, M., Nadaroğlu, H., ... & Niedbała, G. (2024). Physiological and Antioxidative Effects of Strontium Oxide Nanoparticles on Wheat. **Agronomy**, 14(4), 770. **SCI-Expanded - Q1).**
- A1-7. Benlioğlu Berk, Demirel Fatih, **Türkoğlu Aras**, Haliloğlu Kamil, Özaktan Hamdi, Kujawa Sebastian, Piekutowska Magdalena, Wojciechowski Tomasz, Niedbala Gniewko (2024). Insights into Drought Tolerance of Tetraploid Wheat Genotypes in the Germination Stage Using Machine Learning Algorithms. **Agriculture-Basel**, 14(206), 1-18., **SCI-Expanded - Q1).**
- A1-8. Demirel Fatih, Yıldırım Bünyamin, Eren Barış, Demirel Serap, **Türkoğlu Aras**, Haliloğlu Kamil, Nowosad Kamila, Bujak Henryk, Bocianowski Jan (2024). Revealing Genetic Diversity and Population Structure in Türkiye's Wheat Germplasm Using iPBS-Retrotransposon Markers. **Agronomy**, 14(300) **SCI-Expanded - Q1).**

- A1-9. **Türkoglu, A.**, Haliloglu K., Demirel, F., Aydin, M., Çiçek, S., Yigider, E., Demirel, S., Piekutowska, M., Szulc, P., and Niedbała, G. Machine Learning Analysis of the Impact of Silver Nitrate and Silver Nanoparticles on Wheat (*Triticum aestivum* L.): Callus Induction, Plant Regeneration, and DNA Methylation. **Plants** **2023**, *12*, 4151. **(SCI-Expanded - Q1)**.
- A1-10. **Türkoglu, A.**, Bolouri, P., Haliloğlu, K., Eren, B., Demirel, F., Işık, M. İ., Piekutowska, M., Wojciechowski, T., Niedbała, G. Modeling Callus Induction and Regeneration in Hypocotyl Explant of Fodder Pea (*Pisum sativum* var. *arvense* L.) Using Machine Learning Algorithm Method, **Agronomy**, **2023**, *13*, 2835. **(SCI-Expanded - Q1)**.
- A1-11. Çakmakçı, R., Haliloglu, K., **Türkoglu, A.**, Özkan, G., Kutlu, M., Varmazyari, A., Molnar, Z., Jamshidi, J., Pour-Aboughadareh, A., Bocianowski, J., Bocianowski, J. Effect of Different Plant Growth-Promoting Rhizobacteria on Biological Soil Properties, Growth, Yield and Quality of Oregano (*Origanum onites* L.), **Agronomy**, **2023**, *13*, 2511. **(SCI-Expanded - Q1)**.
- A1-12. Eren, B., **Türkoglu, A.**, Haliloğlu, K., Demirel, F., Nowosad, K., Özkan, G., Gniewko, N., Pour-Aboughadareh, A., Bujak H., Bocianowski, J. (20. Investigation of the Influence of Polyamines on Mature Embryo Culture and DNA Methylation of Wheat (*Triticum aestivum* L.) Using the Machine Learning Algorithm Method; **Plants** **2023**, *12*, 3261 **(SCI-Expanded - Q1)**.
- A1-13. Demirel F, **Türkoglu A**, Haliloglu K , Eren B, Özkan G, Uysal P, Pour-Aboughadareh A, Le´sniewska-Bocianowska A , Jamshidi B and Bocianowski J. Mammalian Sex Hormones as Steroid-Structured Compounds in Wheat Seedling: Template of the Cytosine Methylation Alteration and Retrotransposon Polymorphisms with iPBS and CRED-iPBS Techniques. **Applied Sciences**. **2023**, *13*, 9538. **(SCI-Expanded – Q2)**.
- A1-14. Jamshidi A, Pour-Aboughadareh A, Bocianowski J, Shooshtari L, Bujak H, **Türkoglu A**, Kamila Nowosad, Analysis of Physio-Biochemical Responses and Expressional Profiling Antioxidant-Related Genes in Some Neglected *Aegilops* Species under Salinity Stress, **Agronomy** **2023**, *13*, 1981. **(SCI-Expanded - Q1)**.
- A1-15. **Türkoglu A** , Haliloğlu K , Tosun M, Szulc P, Demirel F, Eren B, Bujak H , Karagöz H, Selwet M , Özkan G, Niedbała G. Sodium Azide as a Chemical Mutagen in Wheat (*Triticum aestivum* L.): Patterns of the Genetic and Epigenetic Effects with iPBS and CRED-iPBS Techniques, **Agriculture** **2023**, *13*, 1242. **(SCI-Expanded - Q1)**.
- A1-16. Demirel F , Eren B, Yilmaz A , **Türkoglu A**, Haliloglu K , Niedbała G , Bujak H, Jamshidi B , Pour-Aboughadareh A , Bocianowski J, Nowosad K. Prediction of Grain Yield in Wheat by CHAID and MARS Algorithms Analyses. **Agronomy**, **2023**, *13*, 1438. **(SCI-Expanded - Q1)**.
- A1-17. **Türkoglu A**, Haliloglu K , Mohammadi SA, Öztürk A, Bolouri P, Özkan G, Bocianowski J, Pour-Aboughadareh A and Jamshidi B. Genetic Diversity and Population Structure in Bread Wheat Germplasm from Türkiye Using iPBS-Retrotransposons-Based Markers, **Genes** **2023**, *14*, 1182. **(SCI-Expanded – Q2)**.
- A1-18. Bolouri P, Haliloglu K, Mohammadi SA, **Türkoglu A**, Ilhan E, Niedbała G, Szulc P and Niazian M (2023). Identification of Novel QTLs Associated with Frost Tolerance in Winter Wheat (*Triticum aestivum* L.). **Plants** **2023**, *12*, 1641. **(SCI-Expanded - Q1)**.
- A1-19. Ilhan Em, Kasapoglu AG, **Türkoglu A**, Aygoren AS, Muslu S, Aydin M, Muhammed Aldaif, Kamil Haliloglu (2023). Evaluation of Sodium Azide as a Chemical Mutagen in Developing Cold-Tolerant Quinoa (*Chenopodium quinoa* Willd.) Lines. **Iranian Journal of Science**. **(SCI-Expanded –Q3)**.
- A1-20. Haliloglu K, **Türkoglu A**, Balpınar O, Ozturk HI, Ozkan G, Poczai, P. (2023). Mammalian sex hormones effects on in vitro organogenesis of common bean (*Phaseolus vulgaris* L.). **Scientific Reports**, **(SCI-Expanded – Q2)**.

- A1-21. Haliloglu K, Türkoglu A, Öztürk A, Niedbala G, Niazi M, Wojciechowski T, Piekutowska M, Genetic Diversity and Population Structure in Bread Wheat Germplasm from Türkiye Using iPBS-Retrotransposons-Based Markers, **Agronomy** 2023, 13, 255. (SCI-Expanded - Q1).
- A1-22. **Türkoğlu A. (2023)**. Effects of mammalian sex hormones on regeneration capacity, retrotransposon polymorphism and genomic instability in wheat (*Triticum aestivum* L.), **Plant Cell, Tissue, and Organ Culture** (PCTOC), 136, 269-277. (SCI-Expanded - Q2).
- A1-23. **Türkoğlu A, Tosun M, Haliloğlu K. (2022)**. Mutagenic effects of sodium azide on *in vitro* mutagenesis, polymorphism, and genomic instability in wheat (*Triticum aestivum* L.). **Molecular Biology Reports**. 1-10. (SCI-Expanded - Q4).
- A1-24. Gholizadeh F, Janda T, Gondor OK, Pál M, Szalai G, Sadeghi A, **Türkoglu A (2022)**. Effects of exogenous spermidine on seed germination, gene expression and metabolite composition under drought stress on wheat (*Triticum aestivum* L.). **International Journal of Molecular Sciences**. 23(16), 9047. (SCI-Expanded - Q1).
- A1-25. Güngör, H., İlhan, E., Kasapoğlu, A.G., Filiz, E., **Türkoğlu, A.**, Valchev, D., Valcheva, D., Haliloğlu, K., Dumlupınar, Z. (2022). Genetic diversity and population structure of barley cultivars released in turkey and bulgaria using ipbs-retrotransposon and scot markers, **Journal of Agricultural Sciences**. 239 – 250. (SCI-Expanded - Q4).
- A1-26. Kizilgeci F, Bayhan B, **Türkoğlu A**, Haliloglu K, Yildirim M. (2022). Exploring Genetic Diversity and Population Structure of five *Aegilops* species with inter-primer binding site (iPBS) marker. **Molecular Biology Reports**. 49, 8567-8574. (SCI-Expanded - Q4).
- A1-27. Haliloglu K, **Türkoglu A**, Balpınar O, Nadaroglu H, Alaylı A. (2022). Effects of zinc, copper and iron oxide nanoparticles on induced DNA methylation, genomic instability and LTR retrotransposon polymorphism in wheat (*Triticum aestivum* L.). **Plants**. (SCI-Expanded - Q1).
- A1-28. **Türkoğlu, A.**, İlhan, E., Ozkan, G., Ozturk, H.I., Haliloglu, K., Tolga Cinisli, K., (2022). Plant growth-promoting bacteria (PGPBs) and copper (II) oxide (CuO) nanoparticle ameliorates DNA damage and DNA Methylation in wheat (*Triticum aestivum* L.) exposed to NaCl stress, **Journal of Plant Biochemistry and Biotechnology**, 1-14. (SCI-Expanded - Q3).
- A1-29. Karagoz, H., **Türkoğlu, A.**, Parlakova Karagöz, F., Cakmakci, R., Haliloglu, K. (2022). Dissection of genetic diversity and population structure in oregano (*Origanum acutidens* L.) genotypes based on agro-morphological properties and start codon targeted (SCoT) markers, **Biologia**. 77, 1231-1247. (SCI-Expanded - Q3).
- A1-30. Özkan G, Haliloglu K, **Türkoglu A**, Öztürk HI, Elkoca E, Poczai, P. (2022). Determining Genetic Diversity and Population Structure of Common Bean (*Phaseolus vulgaris* L.) Landraces from Türkiye. Using SSR Markers. **Genes**. 13(8), 1410. (SCI-Expanded - Q2).
- A1-31. Haliloglu K, **Türkoglu A**, Öztürk HI, Özkan G, Elkoca E, Poczai, P. (2022). iPBS-Retrotransposon Markers in the Analysis of Genetic Diversity among Common Bean (*Phaseolus vulgaris* L.) Germplasm from Türkiye. **Genes**. 13, 1147. (SCI-Expanded - Q2).
- A1-32. **Türkoglu A**, Balpınar O, Ozturk HI, Ozkan G, Haliloglu K, Poczai, P. (2022). The Effect of Mammalian Sex Hormones on polymorphism and genomic instability in Common bean (*Phaseolus vulgaris* L.). **Plants**. 11, 2071. (SCI-Expanded - Q1).
- A1-33. Haliloğlu K, **Türkoglu A**, Tan M, Poczai, P. (2022). SSR-Based Molecular Identification and Population Structure Analysis for Forage Pea (*Pisum sativum* var. arvense L.) Landraces. **Genes**. 13, 1086. (SCI-Expanded - Q2).
- A1-34. Karahan F, İlçim A, **Türkoglu A**, İlhan E, Haliloğlu K. (2022). Molecular phylogeny of Adonis L. (*Ranunculaceae*) based on nrDNA ITS sequences and a new natural hybrid species Adonis × kilisensis from Turkey. **Molecular Biology Reports**. (SCI-Expanded - Q4).

- A1-35. Eren B, Keskin B, Demirel F, Demirel S, **Türkoğlu A**, Yilmaz A, Haliloğlu K (2022). Assessment of Genetic Diversity and Population Structure in Local Alfalfa Genotypes Using iPBS Molecular Markers. **Genetic Resources and Crop Evolution**. 1-12. (SCI-Expanded – Q3).
- A1-36. Kodaz S. , Haliloğlu K. , **Türkoğlu A.** , Aydın M., (2021). Culture media and growth regulators influence callus induction and plant regeneration of mature embryos of orchardgrass (*Dactylis glomerata* L.) **Turkish Journal Of Agriculture And Forestry**. 454-464, 2021 (SCI-Expanded - Q2).
- A1-37. **Türkoğlu A.**, Haliloglu, K., Tolga Cinisli, K., Ozkan, G., Ozturk, H.I., Pour-Aboughadareh, A., Poczai, P. (2020). Application of zinc oxide nanoparticles and plant growth promoting bacteria reduces genetic impairment under salt stress in tomato (*Solanum lycopersicum* L.'Linda'). **Agriculture**, 10, 521. (SCI-Expanded – Q1)
- A1-38. Öztürk, H.İ., Dursun, A., **Türkoğlu A.**, Haliloğlu, K. (2020). Genetic diversity of pinto and fresh bean (*Phaseolus vulgaris* L.) germplasm collected from Erzincan province of Turkey by inter-primer binding site (iPBS) retrotransposon markers. **Turkish Journal of Agriculture and Forestry**, 44, 417-427. (SCI-Expanded - Q2).
- A1-39. Karagoz, H., Cakmakci, R., **Türkoğlu A.**, Ozkan, G., Haliloglu, K. (2020). Analysis of genetic variation and population structure among of oregano (*Origanum acutidens* L.) accessions revealed by agro-morphological traits, oil constituents and retrotransposon-based inter-primer binding sites (iPBS) markers. **Genetic Resources and Crop Evolution**, 67, 1367-1384. (SCI-Expanded – Q3).
- A1-40. **Türkoğlu A.**, Aydın, M., Haliloglu, K. (2019). Plant regeneration system in recalcitrant rye (*Secale cereale* L.). **Biologia**, 75, 1017–1028. (SCI-Expanded - Q3).
- A1-41. **Türkoğlu A.**, Karahan, F., Ilhan, E, Ilcim, A., Haliloglu, K. (2019). Genetic Diversity and Population Structure of an Adonis L. (*Ranunculaceae*) Germplasm collected from Turkey Based on iPBS Markers. **Turkish Journal of Botany**. 43, 585-596. (SCI-Expanded – Q3).
- A1-42. **Türkoğlu A.**, Haliloglu, K., Ozkan, G., Tan, M., (2019). Genetic Diversity and Population Structure of Quinoa (*Chenopodium Quinoa* Willd.) Using iPBS-Retrotransposons Markers. **Applied Ecology and Environmental Research**. 17, 1899-1911. (SCI-Expanded – Q4).
- A1-43. **Türkoğlu A.**, Ozkan, G., Nalci, O.B., Haliloglu, K. (2019). Estimation of genomic instability and DNA methylation due to aluminum (Al) stress in wheat (*Triticum aestivum* L.) using iPBS and CRED-iPBS analyses. **Turkish Journal of Botany**, 43(1), 27-37. (SCI-Expanded – Q3).
- A1-44. Nalci, O. B., Nadaroglu, H., **Türkoğlu A.**, Gungor, A. A., Haliloglu, K. (2019). Effects of ZnO, CuO and γ -Fe₃O₄ nanoparticles on mature embryo culture of wheat (*Triticum aestivum* L.). **Plant Cell, Tissue, and Organ Culture (PCTOC)**, 136, 269-277. (SCI-Expanded – Q2).
- A1-45. Karagöz, H., Çakmakçı, R., **Türkoğlu A.**, Kodaz, S. (2018). Alleviation of water stress and promotion of the growth of sugar beet (*Beta vulgaris* L.) plants by multi-traits rhizobacteria. **Applied Ecology and Environmental Research**, 16, 6801-6813. (SCI-Expanded – Q4).
- A1-46. Kutlu, M., Cakmakci, R., **Türkoğlu A.**, Karagöz, H. (2019). The use of plant growth promoting rhizobacteria (PGPR)'s effect on essential oil rate, essential oil content, some morphological parameters and nutrient uptake of Turkish oregano. **Applied Ecology and Environmental Research**, 17, 1641-1653. (SCI-Expanded – Q4).
- A1-47. Aydın, M., **Türkoğlu A.**, Haliloglu, K., Tosun, M. (2016). Effect of polyamines on somatic embryogenesis via mature embryo in wheat, **Turkish Journal of Biology**, 40, 1178-1184. (SCI-Expanded – Q2).

A2. Articles published in journals scanned under ESCI or SCOPUS

- A2-1. Yeler E, Tosun M, **Türkoğlu A.** (2023). Effects of osmotic drought and ga3 applications on germination, seedling growth and mitotic index of rye. *Journal of science and technology Erzincan university*, 16(3), 899-917. (Scopus).

- A2-2. Işık, M. İ., Güleç, A., **Türkoğlu, A.**, & Armağan, M. (2024). Exploring the Impact of *Gypsophila perfoliata* L. Root Extract on Germination and Seedling Growth Parameters of Sweet Sorghum and Hungarian Vetch. *Erzincan University Journal of Science and Technology*, 17(2), 327-337. **(Scopus)**.
- A2-3. Pour-Aboughadareh A, Barati A, Gholipour A, Zali H, Marzooghian A, Koochkan Shir A, Shahbazi Homonloo K, **Türkoğlu Aras (2023)**, Deciphering genotype-by-environment interaction in barley genotypes using different adaptability and stability methods, *Journal of Crop Science and Biotechnology*, *Journal of Crop Science and Biotechnology*. **(Scopus)**.
- A2-1. Barati A., Ghazvini H., Nikkhah Hamidreza, Kouhkan Shir Ali, Fallahi Hossien Ali, Jabbari Mehdi, Gholipour Ahmad, Poodineh Omid, Shahbazi Homonloo Kamal, Zali Hasan, Mohtashami Raham, aghnoum reza, Safavi Safarali, Dadrezaei Taha, Khiergho M., **Türkoğlu Aras (2023)**. Golchin a new barley cultivar for planting in warm zone of Iran. *Research Achievements for Field and Horticulture Crop*.
- A2-2. **Türkoğlu A**, Tosun M, Haliloğlu K. (2023). Effect of Sodium Azide Treatment at Different Duration and Concentration on germination and Seedling Growth Characters in Wheat (*Triticum aestivum* L.). *Erzincan University Journal of Science and Technology*, 16(2), 406-422.
- A2-3. Türkoğlu A, Tosun M, Haliloğlu K. (2022). Evaluation of ethyl methanesulfonate-induced in vitro mutagenesis, polymorphism and genomic instability in wheat (*Triticum aestivum* L.). *Journal of Crop Science and Biotechnology*. 1-15. **(Scopus)**.
- A2-1. Zeinalzadeh-Tabrizi, H., **Türkoğlu, A.**, Ghaffari, M., Haliloglu, K. (2021). Genetic Structure and Marker-Trait Associations in Parental Lines of Sunflower (*Helianthus annuus* L.), *Iranian Journal of Plant Physiology*, 31, 655-662. **(Scopus)**.
- A2-2. Adiban, R., **Türkoğlu A.**, Parchami-Araghi, F. (2021). Predicting Barley Harvest Time in Dryland Conditions Using Satellite Images. *Yüzüncü Yıl Üniversitesi Tarım Bilimleri Dergisi*, 31, 655-662. **(Scopus)**
- A2-3. Zeinalzadeh-Tabrizi, H., Haliloglu, K., Ghaffari, M., **Türkoğlu, A.** (2018). Assessment of genetic diversity among sunflower genotypes using microsatellite markers. *Molecular Biology Research Communications*, 7, 143. **Emerging Sources Citation Index (ESCI)**.
- A2-4. **Türkoğlu, A.**, Khalili-Mahalleh, J., Zeinalzadeh-Tabrizi, H., Valilue. R. (2016). Evaluation of yield and yield components in intercropping of maize and green bean. *Yüzüncü Yıl Üniversitesi Tarım Bilimleri Dergisi*, 26, **(Scopus)**.
- A2-5. Aydın, M., **Türkoğlu, A.**, Tosun, M., Haliloglu, K. (2016). Effect of Application of putrescine on seedling growth and cell division of wheat (*Triticum aestivum* L.) under drought stress. *Yüzüncü Yıl Üniversitesi Tarım Bilimleri Dergisi*, 26, 319-332. **(Scopus)**.
- A2-6. **Türkoğlu A.**, Khalili Mahalleh J., Roshdi M and Alinezhad N. (2015). Evaluation of micronutrient application method and irrigation stopping on yield and yield component of grain corn in Urmia (North-West Of Iran) *Advances in Environmental Biology*, 9, 431-437. **(Scopus)**.
- A2-7. **Türkoğlu A.**, Khalili Mahalleh J., Roshdi M and Ashkavand M, Türkoğlu A., Mahalleh J.K., Roshdi M. and Ashkavand M., (2015). Evaluation of irrigation stopping effects and application of nitrogen bio fertilizers on yield and yield components of corn in Urmia (West Azerbaijan Province). *Advances in Environmental Biology*, 9(24),438-444. **(Scopus)**.
- A2-8. **Türkoğlu A**, Tosun M, Haliloğlu K, Karagöz H. (2022). Effects of Early Drought Stress on Germination and Seedling Growth Parameters of Kırık Bread Wheat (*Triticum aestivum* L.). *Eregli Journal of Agricultural Science*, 2,2. 75-80.
- A2-9. Haliloğlu K, **Türkoğlu A**, Aydın M. (2022). Determination of Imazamox Herbicide Dose in in vivo Selection in Wheat (*Triticum aeivum* L.). *Eregli Journal of Agricultural Science*, 2,1.
- A2-10. Heydarzadeh S , **Türkoğlu A** , Gitari H, Maitra S and Rahimi A (2021). Improving Quantitative and Qualitative Properties of Cotton Through the Use of Organic and Chemical Fertilizers Under Water Deficit Stress Conditions. *International Journal of Bioresource Science*, 8, 69-80.
- A2-11. Heydarzadeh, S., Gitari, H., Rahimi, A., Khiavi, H. K., **Türkoğlu, A.** (2021). The physiological properties of lentil (*Lens culinaris* Medik.) in response to mycorrhizal fungi and phosphate-solubilizing bacterium under irrigation condition. *International Journal of Bioresource Science*, 8, 1-14.

- A2-12. Heydarzadeh, S., Gitari, H., Rahimi, A., Khiavi, H. K., Maitra, S., **Türkoğlu, A.** (2021). Yield and Quality Traits of Field-grown Sugar Beet (*Beta vulgaris* L.) in Response to Foliar Application of Micronutrients and Different Levels of Manure. **International Journal of Bioresource Science**, 8, 103-112.
- A2-13. Barati A, Zali H., Lakzadeh I., Koohkan SH., Jafarby J., **Türkoğlu A.**, Jabari M., Mazooghian A, Kheirgoo M. (2021). Evaluation of yield stability of barley promising lines using AMMI and SHMM methods., **Cereal Research**, 10 (3), 245-257.
- A2-14. **Türkoğlu, A.**, Tosun M., Haliloğlu K. (2021). Buğdayda (*Triticum aestivum* L.) Farklı Süre ve Dozlarda Uygulanan Etil Metansülfonat (EMS)'in Çimlenme ve Fide ile İlgili Bazı Karakterler Üzerine Etkileri. **Atatürk Üniversitesi Ziraat Fakültesi Dergisi**, 52(2), 190-200. **Atatürk University Journal of Agricultural Faculty** 52 (2), 190-200.
- A2-15. Adiban, R., Ghassemzadeh, H. R., **Türkoğlu, A.**, & Araghı, F. P. (2020). Physical Characteristics and Nutritional Quality of Chickpea in the Process of Roasted Chickpea Production. **Atatürk Üniversitesi Ziraat Fakültesi Dergisi**, 51(3), 219-227.
- A2-16. Kasapoğlu, A. G., İlhan, E., Kızılkaya, D., **Türkoğlu, A.**, Haliloğlu, K. (2020). Sorgum [*Sorghum bicolor* (L.) Moench] genomunda BES1 transkripsiyon faktör ailesinin genom çaplı analizi sorgum [*Sorghum bicolor* (L.) Moench] genomunda BES1 transkripsiyon faktör ailesinin genom çaplı analizi. **Türkiye Tarımsal Araştırmalar Dergisi**, 7(1): 85-95.
- A2-17. Kızılkaya, D., Kasapoğlu, A. G., **Türkoğlu, A.**, Haliloğlu, K., Muslu, S., İlhan, E. (2020). *Sorghum bicolor* L. CAMTA transkripsiyon faktörlerinin genom çaplı analizi. **Atatürk Üniversitesi Ziraat Fakültesi Dergisi**, 51 (3) pp.267-278.
- A2-18. Stansluos, A.A.L., Öztürk, A., Kodaz, S., **Türkoğlu A.**, Sylvestre, H. (2019). Genetic diversity in sweet corn (*Zea mays* L. saccharata) cultivars evaluated by agronomic traits. **Mysore Journal of Agricultural Sciences**, 53(1), 1-8.
- A2-19. Jannati, G., Haliloğlu, K., **Türkoğlu, A.** (2019). Farklı memeli cinsiyet hormonlarının kanola (*Brassica napus* L.) bitkisinin çimlenmesi üzerine etkileri. **Atatürk Üniversitesi Ziraat Fakültesi Dergisi**, 50(3), 248-254.
- A2-20. Pordel, F., **Türkoğlu, A.**, Çakmakçı, R. (2019). Buğdayda (*Triticum aestivum* L.) erken alüminyum stresine karşı bakteri uygulamalarının etkileri. **Atatürk Üniversitesi Ziraat Fakültesi Dergisi**, 50 (1): 57-65.
- A2-21. Bolouri, P., **Türkoğlu, A.**, Jannati, G., Haliloğlu, K. (2019). Genetic diversity of pea (*Pisum arvense* L.) genotypes according to the tissue culture traits. **Atatürk Üniversitesi Ziraat Fakültesi Dergisi**, 50 (1): 11-17.
- A2-22. Jannati1, G., Haliloglu, K., **Türkoğlu, A.**, Bolouri, P. (2018). Kolzada (*Brassica napus* L.) farklı memeli cinsiyet hormonlarının fide gelişimi üzerine etkileri. **Dicle Üniversitesi Fen Bilimleri Enstitüsü Dergisi**, 7(1), 13-20.
- A2-23. Aydın, M., **Türkoğlu, A.**, Haliloglu, K., Tosun, M. (2015). Effect of putrescine application and drought stress on germination of wheat (*Triticum aestivum* L.). **Atatürk Üniversitesi Ziraat Fakültesi Dergisi**, 46 (1), 43-55, 2015.
- A2-24. Zeinalzadehtabrizi, H., **Türkoğlu, A.**, Aydın, M., Haliloglu, K. (2015). A modified genomic DNA extraction method from leaves of sunflower for PCR based analyzes. **Journal of Biodiversity and Environmental Sciences (JBES)**, 7, 222-225.
- A2-25. **Türkoğlu, A.**, Khalili-Mahalleh, J., Zeinalzadeh Tabrizi, H., Valilue, R. (2014). Evaluation of maize and green bean yield in various densities and different sowing rate of intercropping by replacement method. **Atatürk Üniversitesi Ziraat Fakültesi Dergisi**, 45(2), 71-78.
- A2-26. Baghdadi, H., Alizadeh, B., **Türkoğlu A.**, Yousefi, M. (2013). Comparison of rapeseed and mustard agronomical traits response to nitrogen amounts under after cropping. **Advance in Agriculture and Biology**, 1 (1), 22-26.
- A2-27. Baghdadi, H., Taspinar, S., Yousefi, M., **Türkoğlu, A.** (2012). Influence of different sowing dates on grain yield of canola (*Brassica napus* L.) cultivars in Qazvin area. **International Journal of Agricultural Research and Reviews**. 2, 1092-1096. (EBSCO).

B. INTERNATIONAL PAPERS

B1. Those that have been presented in international scientific meetings (symposium, congress, conference, workshop, etc.) and published as "full text" in the proceedings book

- B1.2-1. Işık MI , Erkol Ş , Armağan M , **Türkoğlu A. (2024)**. Gundelia L.'nin Genetik Varyasyonunun Tanımlanması için Primer Arası Bağlanma Yerine (iPBS İşaretleyicileri) Dayalı PCR Analizinin Optimizasyonu, 2 nd International Conference on Scientific and Innovative Studies, April 18-19, 2024 : Konya, Turkey.
- B1.2-2. Erkol Ş , Işık MI, Armağan M , **Türkoğlu A. (2024)**. SCoT DNA Markörleri ile Gundelia L.'nin Genetik Çeşitliliğinin Belirlenmesi için PCR Analizinin Optimizasyonu, 3rd International Conference on Engineering, Natural and Social Sciences, May 16-17, 2024 : Konya, Turkey.
- B1.2-3. Güleç A, **Türkoğlu A**, Armağan M (2023). Fasülyede (*Phaseolus vulgaris* L.) Çöven (*Gypsophila perfoliata* L.) ekstraktının çimlenme ve fide ile ilgili bazı karakterler üzerine etkileri. 6. Uluslararası Tarım Çevre Ve Sağlık Kongresi 19-21 Ekim 2023, Aydın/Türkiye.
- B1.2-4. **Türkoğlu A**, Güngör H, İlhan E, Kasapoğlu AG, Filiz E, Dumlupınar Z, Işık MI and Haliloğlu K. (2022). Dissection of genetic diversity of some barley cultivars using iBPS retrotransposon and SCoT markers. Spec 1st International Agricultural Research Congress, Adana, Turkey. April 07-08.
- B1.2-5. Haliloğlu K, **Türkoğlu A**, Işık Mi, Aydın M, Elkoca E. (2022). Effect of Mammalian Sex Hormones on in vitro Regeneration of Chickpea (*Cicer arietinum* L.). II. International Field Crops Conference, September 29 - October 02. Rize, Türkiye.
- B1.2-6. Öztürk Hİ., Dönderalp V., Bulut H., Korkut R., **Türkoğlu A.**, A Dursun. (2021). Determination of Genetic Diversity of Some Local Winter Squash (*Cucurbita Maxima* L.) Genotypes Collected From Erzincan Province With SSR Markers, V. International Istanbul Sciences Research Congress., AUGUST 14-15, 2021, 271
- B1.2-7. Durular, D., Kasapoğlu, A., **Türkoğlu A**, Haliloğlu, K., İlhan, E. (2018). Sorgum bicolor CAMTA Transkripsiyon Faktörlerinin Genom Çaplı Analizi, Iğdır 1. Uluslararası Multi Disipliner Çalışmalar Kongresi, 6-7 Kasım 2018. Pp: 173.
- B1.2-8. Kasapoğlu, A., Durular, D., **Türkoğlu, A.**, Haliloğlu, K., İlhan, E. (2018). Sorgum Genomunda Bes1 Transkripsiyon Faktör Ailesinin Genom Çaplı Analizi, Iğdır 1. Uluslararası Multi Disipliner Çalışmalar Kongresi, 6-7 Kasım 2018, 174.
- B1.2-9. **Türkoğlu, A**, Çoban, F., Özer, H., Haliloglu, K. (2018). Effect of Different Genotypes on Seed Germination Traits in Fenugreek (*Trigonella foenum-graecum* L.). I. International Agricultural Science Congress, Van/Turkey. 09-12 May 2018, 363.
- B1.2-10. Çoban, F., **Türkoğlu, A**, Özer, H., Haliloglu, K. (2018). Screening of fenugreek (*Trigonella foenum-graecum* L.) genotypes for seedling growth traits. I. International Agricultural Science Congress, Van/Turkey. 09-12 May 2018. 364.
- B1.2-11. Stansluos, A.A.L, Öztürk, A., Kodaz, S., **Türkoğlu, A. (2018)**. Genetic diversity in sweet corn (*Zea mays* L. *saccharata*) genotypes evaluated of morphological and agronomic traits. I. International Agricultural Science Congress, Van/Turkey. 09-12 May 2018.
- B1.2-12. Bolourı, P., **Türkoğlu, A.**, Haliloğlu, K. (2017). Genetic diversity of pea (*Pisum arvense* L.) genotypes according to the tissue culture traits. I st International Organic Agriculture and Biodiversity Symposium, Bayburt University, Turkey. 2017. 63.
- B1.2-13. **Türkoğlu, A.**, Haliloğlu, K., Tan, M., Ozkan, G. (2017). Genetic diversity and population structure of a quinoa (*Chenopodium quinoa* Willd.) germplasm cultivated in turkey using ipbs markers. I st International Organic Agriculture and Biodiversity Symposium, Bayburt University, Turkey. 2017. 64.

- B1.2-14. **Türkoğlu, A.**, Haliloglu, K., Zeinalzadeh-Tabrizi, H., Aydın, M. (2017). Effect of different pretreatment on improving andosperm supported mature embryo culture of wheat (*Triticum aestivum* L.), 2 International and the 10th National Biotechnology Conference, Islamic Republic of Iran. August 29-31. 2017.
- B1.2-15. Zeinalzadeh Tabrizi, H., **Türkoğlu, A.**, Aydın, M., Haliloglu K. (2012). Optimization of a Fast, reliable and efficient genomic DNA extraction method from leaves of sunflower (*Helianthus annuus* L.) for polymerase chain reaction. The 5th International Iranian Biology Conference, 2012

C. NATIONAL STATEMENTS

Papers presented in national scientific meetings (symposium, congress, conference, workshop, etc.) and published as full text in the proceedings book

- B2.1.1 **Türkoğlu, A.**, Aydın, M., Tosun, M., Haliloğlu, K. (2013). Buğdayda kuraklık ve putresin uygulamasının tohum çimlenmesi üzerine etkileri. **Türkiye 10. Tarla Bitkileri Kongresi**, 10-13 Eylül 2013, Konya.
- B2.2.1 Kodaz, S., **Türkoğlu, A.**, Haliloğlu, K., Aydın, M., (2013). Tohum ön uygulamasının (Ozmoprining) buğday olgun embriyo kültürüne etkisi. **Türkiye 10. Tarla Bitkileri Kongresi**, 10-13 Eylül 2013, Konya.
- B2.3.1 Zeinalzadeh-Tabrizi H, **Hosseinpour A**, Ghaffari M., Identification of SSR and TRAP informative markers associated with some physical traits of seeds in sunflower genotypes. **15 National Iranian Crop Science Congress, SEP. 4-6, 2018. Karaj, Iran**
- B2.4.1 **Türkoğlu, A.**, Tosun, M., Haliloğlu, K., Aydın, M. (2015). Buğdayda farklı süre ve dozlarda uygulanan sodyum azitin olgun embriyo kültürüne etkisi, **12 Tarla Bitkileri Kongresi**, 142, Çanakkale, 2015.
- B2.5.1 Jannati G., **Türkoğlu A.**, Haliloğlu K. (2015). Farklı memeli cinsiyet hormonlarının kolza (*Brassica napus* L.) bitkisine çimlenmesi üzerine etkileri. **11. Tarla Bitkileri Kongresi**, 7-10 Eylül 2015 Çanakkale.
- B2.6.1 Uluğ, E., Haliloğlu, K., **Türkoğlu, A.**, Özkan, G., Pordel, F., Kodaz, S., (2015). Farklı bakteri uygulamalarının buğdayda (*Triticum aestivum* L.) erken tuz stresine etkilerinin belirlenmesi. **11. Tarla Bitkileri Kongresi**, 7-10 Eylül 2015 Çanakkale.