

2021-2022

SCI, SSCI, AHCI Kapsamındaki Yayınlar:

1. ASIM ARSLAN, ÖZTÜRK GÖKÇE ZAHİDE NESLİHAN, BAKHSH ALLAH, TINDAŞ İLKNUR, AKSOY EMRE, ÇALIŞKAN SEVGİ, ÇALIŞKAN MEHMET EMİN, DEMİREL UFUK (2021). Individual and combined effect of drought and heat stresses in contrasting potato cultivars overexpressing miR172b-3p. *Turkish Journal of Agriculture and Forestry*, 45(5), 651-668. Doi: 10.3906/tar-2103-60
2. NAAWE ERIC KUOPUOBE, İBRAHİM SANI İBRAHİM, KÖKEN İBRAHİM, DEMİREL UFUK, ÇALIŞKAN MEHMET EMİN (2021). A review: morphological, physiological and molecular responses of sweet potato to drought. *Eurasian Journal of Science Engineering and Technology*, 2(2), 43-53.
3. TEK AHMET LATİF, YILDIZ HÜMEYRA, KHAN KAMRAN, YILDIRIM BİLGE ŞEVVAL (2021). Chromomycin A3 banding and chromosomal mapping of 45S and 5S ribosomal RNA genes in bottle gourd. *Caryologia*, 74(3), 3-8. Doi: 10.36253/caryologia-1134
4. AKSOY EMRE, YILDIRIM KUBİLAY, KAVAS MUSA, KAYIHAN CEYHUN, YERLİKAYA BAYRAM ALİ, ÇALIK IRMAK, SEVGEN KÜÇÜK İLKAY, DEMİREL UFUK (2022). General guidelines for CRISPR/Cas-based genome editing in plants. *Molecular Biology Reports*, 49(12), 12151-12164. Doi: 10.1007/s11033-022-07773-8
5. ALİ MUHAMMED NISAR, SERÇE SEDAT. (2022). Vitamin C and fruit quality consensus in breeding elite European strawberry under multiple interactions of environment. *Molecular Biology Reports*, 49(12), 11573-11586. Doi: 10.1007/s11033-022-07849-5
6. GENCER ORKUN, SERÇE SEDAT. (2022). Determination of Morphological, Pomological and Molecular Variations among Apples in Niğde, Turkey using iPBS Primers. *Journal of Agricultural Sciences*, 13-13. Doi: 10.15832/ankutbd.876493
7. ÖZTÜRK GÖKÇE ZAHİDE NESLİHAN, GÖKÇE ALİ FUAT, JUNAİD MUHAMMAD DANİYAL, CHAUDHRY USMAN KHALİD (2022). Morphological, physiological, and biochemical responses of onion (*Allium cepa* L.) breeding lines to single and combined salt and drought stresses. *Euphytica*, 218(3), 29. Doi: 10.1007/s10681-022-02980-7
8. ÖZTÜRK GÖKÇE ZAHİDE NESLİHAN, GÖKÇE ALİ FUAT, JUNAİD

- MUHAMMAD DANİYAL, CHAUDHRY USMAN KHALİD (2022). Comparative transcriptomics of drought stress response of taproot meristem region of contrasting purple carrot breeding lines supported by physio-biochemical parameters. *Functional & Integrative Genomics*, 22(4), 697-710. Doi: 10.1007/s10142-022-00868-2
9. SULTANA NUSRAT, GERHARD MENZEL, KATHRİN M. SEİBT, SÒNIA GARCÍA, BEATRİCE WEBER, SEDAT SERÇE AND TONY HEİTKAM. (2022). Genome-wide analysis of long terminal repeat retrotransposons from the cranberry *Vaccinium macrocarpon*. *Journal of Berry Research*, 12(2), 165-185. Doi: 10.3233/JBR-211515
10. TORUN AYFER ALKAN, ERDEM NAZİFE, SERÇE SEDAT, KAÇAR YILDIZ AKA, TORUN MUSTAFA BÜLENT (2022). Screening of wild strawberry germplasm for iron-deficiency tolerance under hydroponic conditions. *Journal of Agricultural Sciences*, 10-10. Doi: 10.15832/ankutbd.863463
11. YAVUZ CANER, ÇALIŞKAN MEHMET EMİN (2022). Identification of BABY BOOM-like genes (SbBBM) in Sorghum [(*Sorghum bicolor*) L. Moench]. *Cereal Research Communications*, 50(4), 667-676. Doi: 10.1007/s42976-021-00210-9
12. ZIA MUHAMMAD ABU BAKAR, DEMİREL UFUK, NADEEM MUHAMMAD AZHAR, ALI FAWAD, DAWOOD AHMAD, IJAZ MUHAMMAD, ÇALIŞKAN MEHMET EMİN (2022). Genome-wide association studies (GWAS) revealed a genetic basis associated with floral traits in potato germplasm. *Turkish Journal of Agriculture and Forestry*, 46(1), 90-103. Doi: 10.3906/tar-2104-37

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1. HASHMİ MUNEEB HASSAN, SAEED FAİSAL, DEMİREL UFUK, BAKHSH ALLAH (2022). Establishment of highly efficient and reproducible *Agrobacterium*-mediated transformation system for tomato (*Solanum lycopersicum* L.). *In Vitro Cellular & Developmental Biology-Plant*, 58(6), 1066-1076. Doi: 10.1007/s11627-022-10300-w
2. ŞANLI BEYAZIT ABDURRAHMAN, COOPER-KNOCK JOHNATHAN, WHITTAKER KATHERİNE J, MOTSI GAMUCHİRAİ K, SHEN EMERY, JULIAN THOMAS H (2022). Unbiased metabolome screen links serum urate to risk of Alzheimer's disease. *Neurobiology of Aging*, 120, 167-176.

Doi: 10.1016/j.neurobiolaging.2022.09.004

3. JUNAID MUHAMMAD DANIYAL, ÖZTÜRK GÖKÇE ZAHİDE NESLİHAN, GÖKÇE ALİ FUAT. (2023). Drought stress effects on morphophysiological and quality characteristics of commercial carrot cultivars. *Turkish Journal of Botany*, 47(2), 111-126. Doi: 10.55730/1300-008X.2750
4. JUNAID MUHAMMAD DANIYAL, , GÖKÇE ALİ FUAT (2023). Investigation of drought induced biochemical and gene expression changes in carrot cultivars. *Molecular Biology Reports*, 50(1), 349-359. Doi: 10.1007/s11033-022-08050-4
5. GÖKÇE ALİ FUAT, ÖZTÜRK GÖKÇE ZAHİDE NESLİHAN, JUNAID MUHAMMAD DANIYAL, CHAUDHRY USMAN KHALİD (2023). Evaluation of biochemical and molecular response of onion breeding lines to drought and salt stresses. *Scientia Horticulturae*, 311, 111802. Doi: 10.1016/j.scienta.2022.111802
6. DEMİREL UFUK, KÖKEN İBRAHİM, ÇALIŞKAN MEHMET EMİN, ÖZKAN HAKAN (2023). Quality Performance of Durum Wheat (*Triticum Durum* L.) Germplasm Under Rainfed and Irrigated Field Conditions. *Turkish Journal of Field Crops*, 28(1), 102-110. Doi: 10.17557/tjfc.1258301
7. SAEED FAİSAL, HASHMİ MUNEE HASSAN, AKSOY EMRE, DEMİREL UFUK, BAKHSH ALLAH (2023). Identification and characterization of RNA polymerase II (RNAP) C-Terminal domain phosphatase-like 3 (SICPL3) in tomato under biotic stress. *Molecular Biology Reports*, 50(8), 6783-6793. Doi: 10.1007/s11033-023-08564-5
8. YEŞİL BAYRIL BİNNUR, BAKHSH ALLAH, NADEEM MUHAMMAD AZHAR, DEMİREL UFUK (2023). Elucidating the genetic diversity and population structure of international cotton germplasm using inter-primer binding site (iPBS) retrotransposon marker system. *Genetic Resources and Crop Evolution*, 1-12. Doi: 10.1007/s10722-023-01726-1