

**BÖLÜMLERE GÖRE BİLİMSEL ÇALIŞMALAR**  
(2015 Ekim–2016 Ekim Eğitim Öğretim Yılı)

**a. Sayılar**

Bölüm	Kitap	SCI, SSCI, AHCI	U.Arası Makale	Ulusal Makale	U.Arası Tebliğ	Ulusal Tebliğ	Ders Notu	Diğer .....	Destek.Ulusal ve Uluslararası Projeler
Tarımsal Genetik Mühendisliği	4	17	3	1	18	2	-	1	20
<b>Toplam</b>									

**ESERLER**

**A. SCI, SSCI, AHCI kapsamındaki yayınlar**

**A.1 E.AKSOY, U.DEMIREL, Z.N.OZTURK, S.CALISKAN, M.E.CALISKAN, (2015),** *Recent advances in potato genomics, transcriptomics and transgenics under drought and heat stresses: A Review*, Turkish Journal of Botany, 39: 920-940.

**A.2 F.GUREL, Z.N.OZTURK, C.UCARLI, E.YORUK, N.POYRAZ, (2016),** *Comparison of expression patterns of selected drought-responsive genes in barley (Hordeum vulgare L.) under shock-dehydration and slow drought treatments*, Plant Growth Regulators, 80(2): 183-193.

**A.3 F.GÜREL, Z.N.ÖZTÜRK, C.UÇARLI, D.ROSELLINI, (2016),** *Barley Genes as Tools to Confer Abiotic Stress Tolerance in Crops*, Frontiers in Plant Science, 7:1137.

**A.4 A.K.TÜRKMEN, S.CAVALU, G.GÖLLER, (2016),** *Development of Chitosan-Hydroxyapatite-Fibrinogen 3D Scaffolds For Bone Tissue Regeneration*, Journal of the Australian Ceramic Society, 52(1):34-41.

**A.5 E.ANAYOL, A.BAKHSH, Ö.C.KARAKOÇ, S.ONARICI, D.KÖM, M.AASIM, S.F.ÖZCAN, S.BARPETE, S.D.KHABBAZI, B.ÖNOL, C.SANCAK, K.M.KHAWAR, L.ÜNLÜ, S.ÖZCAN, (2016),** *Towards better insect management strategy: restriction of*

*insecticidal gene expression to biting sites in transgenic cotton*, Plant Biotechnology Reports, 10(2): 83-94.

**A.6 S.BARPETE, A.BAKHSH, E.ANAYOL, S.F.ÖZCAN, M.C.ÖGÜZ, O.C.KARAKOC, S.ÖZCAN**, (2016), *Inducing osmotic stress leads to better genetic transformation efficiency in cotton (Gossypium hirsutum L.)*, Turkish Journal of Biology, 40: 826-836.

**A.7 M.N.NAQQASH, A.GÖKÇE, A.BAKHSH, M.SALIM**, (2016), *Insecticide Resistance and Its Molecular Basis in Urban Insect Pests*, Parasitology Research, 115(4):1363-73.

**A.8 S.D.KHABBAZI, A.BAKHSH, C.SANCAK, S.ÖZCAN**, (2016), *Molecular Characterization of Snowdrop Lectin (GNA) and Its Comparison with Reported Lectin Sequences and Amaryllidaceae*, Czech Journal of Breeding and Genetics, 52(3):94-100.

**A.9 U.DEMIREL, O.COPUR, A.GUR**, (2016), *Early Stage Screening for Heat Tolerance in Cotton*, Plant Breeding, 135(1):80-89.

**A.10 F.HANCI, A.F.GOKCE**, (2016), *Molecular Characterization of Turkish Onion Germplasm Using SSR Markers*, Czech Journal of Breeding and Genetics, 52(2): 71-76.

**A.11 M.YILDIZ, E.EKBIC, E.DUZYAMAN, S.SERCE, K.ABAK**, (2016), *Genetic and phenotypic variation of Turkish Okra (Abelmoschus esculentus L. Moench) accessions and their possible relationship with American, Indian and African germplasms*, Journal of Plant Biochemistry and Biotechnology, 25(3): 234-244.

**A.12 M.E.YILDIZ, E.EKBIC, E.DUZYAMAN, S.SERCE, K.ABAK**, (2016), *Okra genetic and phenotypic variation of Turkish okra (Abelmoschus esculentus L. Moench) accessions and their possible relationship with American, Indian and African germplasms*, Journal of Plant Biochemistry and Biotechnology, 25(3):234-244.

**A.13 K.KAYA, F.C.CENGİZ, M.E.CALISKAN, S.CALISKAN**, (2016), *The Lepidopteran pests of sweetpotato: First record of Helcystogramma triannulella (Herrich-Schäffer, 1854) (Lepidoptera: Gelechiidae) with population development and natural enemies in Turkey*, Türkiye Entomoloji Dergisi, 40(2):149-156.

**A.14 A.BAKHSH, E.ANAYOL, S.D.KHABBAZI, O.C.KARAKOÇ,** (2016), *Development of insect resistant cotton lines*, Archives of Biological Sciences, 68(4):773-80.

**A.15 A.BAKHSH, E.ANAYOL, C.SANCAK, S.ÖZCAN,** (2016), *An Efficient and Cost Effective Sterilizing Method with Least Microbial Contamination and Maximum Germination Ratio for In Vitro Cotton (Gossypium hirsutum L.) Culture*, Journal of Animal and Plant Sciences, 26(3): 868-873.

**A.16 S.DAY, M.AASIM, A.BAKHSH,** (2016), *Effects Of Preconditioning, Plant Growth Regulators and KCL on Shoot Regeneration of Peanut (Arachis hypogea)*, Journal of Animal and Plant Sciences, 26(1):294-300.

**A.17 M.SALIM, A.GOKCE, M.N.NAQQASH, A.BAKHSH,** (2016), *An Overview of Biological Control of Economically Important Lepidopteron Pests with parasitoids*, Journal of Entomology and Zoology Studies, 4(1): 354-362.

**B.Uluslararası hakemli dergilerde yayımlanan makaleler:**

**B.1 A.BAKHSH, M.AASIM, M.A.B.ZIA, M.DOGAN, G.SADI, M.KARATAS, K.M.KHAWAR,** (2016), *First Report of Agrobacterium tumefaciens Mediated Genetic Transformation of Aquatic Rice Paddy Herb (Limnophila aromatica)*, Turkish Journal of Agriculture- Food Science and Technology, 4(8): 642-645.

**B.2 A.ÖZEL, U.DEMIREL, K.ERDEN, I.KOSAR,** (2016), *Changes in Yield, Yield Components and Linalool Composition of Coriander (Corriandrum sativum L.) Under Different Seed Amount and Row Spacing*, Research Journal of Pharmaceutical, Biological and Chemical Sciences, 7(2): 1060-1067.

**B.3 I.TINDAS, U.DEMIREL,** (2016), *Patatesin Kısa Süreli Kuraklık Uygulamasına Fizyolojik Tepkileri*, Türk Tarım-Gıda Bilim ve Teknoloji Dergisi, 4(7): 618-627.

**C.Uluslararası bilimsel toplantılarda sunulan ve bildiri kitaplarında basılan bildiriler:**

- C.1 Ç.S.ULUBAŞ, E.ELCI, Z.N.OZTURK, M.AYYAZ, V.BOLAT, (2015),** *Investigation of Newly-Emerging Grapevine Viruses in The Central Anatolia Region of Turkey*, 18th Congress of the International Council for the Study of Virus and Virus-like Diseases of the Grapevine (ICVG) Özet Kitabı.
- C.2 Z.N.OZTURK, (2015),** *A Transcriptome Perspective of Drought Stress in the New Technologies Era*, 1st International Conference on Environment & Biosciences Özet Kitabı.
- C.3 A.K.TURKMEN, T.DINC, S.CALISKAN, M.E.CALISKAN, (2016),** *Growth and Mini-tuber Production Performances of Potato Genotypes*, 3rd Meeting of the Section of Agronomy and Physiology of EAPR Özet Kitabı, 43.
- C.4 M.E.CALISKAN, S.CALISKAN, C.YAVUZ, A.K.TURKMEN, (2016),** *Comparision of Aeroponic and Conventional Mini-tuber Production Systems*, 3rd Meeting of the Section of Agronomy and Physiology of EAPR Özet Kitabı, 42.
- C.5 A.K.TURKMEN, S.CALISKAN, (2016),** *Recent Molecular Studies on Downy Mildew Disease*, 19 th International Sunflower Conference Özet Kitabı.
- C.6 M.AASIM, A.BAKHSH, F.S.BALOCH, S.DAY, (2016),** *Preconditioning of Explants, A Tool For Enhancing In Vitro Shoot Regeneration of Legumes*, 5th International Molecular Biology and Biotechnology Congress Özet Kitabı.
- C.7 I.TINDAS, E.AKSOY, S.CALISKAN, (2016),** *Molecular Studies involved in sunflower responses in drought stress*, 19. Uluslararası Ayçiçeği Kongresi Özet Kitabı.
- C.8 S.CALISKAN, I.TINDAS, R.I.AYTEKIN, (2016),** *Molecular Studies Of Sunflower Responses To Abiotic Stresses*, 19. Uluslararası Ayçiçeği Kongresi Özet Kitabı.
- C.9 M.E.CALISKAN, S.D.DANGOL, (2016),** *Genetic Engineering Studies in Sunflower*, 19th International Sunflower Conferance Özet Kitabı.
- C.10 H.H.ARIOGLU, L.GULLUOGLU, H.BAKAL, M.E.CALISKAN, (2016),** *The Determination of Tuber Yield and Some Agronomic and Quality Chracteristics of Potato Varieties Grown in Winter Season in Mediterranean Region*, 3rd meeting of the Section of Agronomy and Physiology of EAPR Özet Kitabı.



**C.11 M.E.CALISKAN,** (2016), *New Challenges in Potato Breeding to Cope with Climate Change: Dual Tolerance to Heat and Drought*, Climatic changes, a permanent challenge for agricultural research on potato, sugar beet, cereals and medicinal plants Özet Kitabı.

**C.12 M.E.CALISKAN,** (2016), *The Success Story of Doğa Seed on Reducing Post-Harvest Losses*, 8<sup>th</sup> Meeting of the COMCEC Agriculture Working Group Özet Kitabı.

**C.13 E.AKSOY,** (2016), *Soybean: A New Frontier in Understanding the Iron Deficiency Tolerance Mechanisms in Plants*, 18th International Symposium on Iron Nutrition and Interaction in Plants Özet Kitabı.

**C.14 E.AKSOY,** (2016), *Application of Sulfur and Sulfur Metabolites Enhance Iron Deficiency Tolerance in Arabidopsis*, 18th International Symposium on Iron Nutrition and Interaction in Plants Özet Kitabı.

**C.15 E.AKSOY, I.TINDAS, S.CALISKAN,** (2016), *Molecular studies involved in sunflower responses in drought stress*, 19th International Sunflower Conference Özet Kitabı.

**C.16 I.TINDAS, E.AKSOY, S.CALISKAN,** (2016), *Molecular Studies of Resistance Mechanisms in Sunflower against Orobanche cumana Wallr*, 19th International Sunflower Conference Özet Kitabı.

**C.17 E.AKSOY,** (2016), *Soybean: A New Plant Model in Studying Iron Deficiency Responses in Plants*, International Conference on Biological Sciences Özet Kitabı.

**C.18 C.YAVUZ, S.CALISKAN,** (2016), *Current situation, problems and solutions of sunflower in the Central Anatolia Region*, 19th International Sunflower Conference Özet Kitabı.

#### **D. Yazılan uluslararası kitaplar**

#### **E. Yazılan uluslararası kitaplardaki bölümler**



**E.1 F.GUREL, Z.N.OZTURK, C.UCARLI**, (2016), Plant Omics: Trends and Applications, Springer, 159-188, ISBN: 978-3-319-31701-4

**E.2 A.BAKHSH, F.S.BALOGH, R.HATIPOGLU, H.OZKAN**, (2016), Handbook of Vegetable Preservation and Processing, CRC Press, 81-112, ISBN: 978-1-482-21228-0

**E.3 S.SERCE, M.OZGEN**, (2016), Chinese Dates a Traditional Functional Food, CRC Press, 199-205. ISBN: 978-1-498-70358-1.

#### **F. Yazılan ulusal kitaplar**

#### **G. Yazılan ulusal kitaplardaki bölümler**

**G.1 R.YILMAZ, E.AKSOY**, (2015), Biyoloji Öz- Biyology The Core, Nobel Akademik Yayıncılık, 116-153, ISBN: 978-6-053-20082-6.

#### **H. Ulusal hakemli dergilerde yayımlanan makaleler:**

**H.1 A.BAKHSH, E.ANAYOL, A.K.TÜRKMEN, S.ÖZCAN**, (2016), *The Effect Of Improvised Media And Gelling Agents On In Vitro Germination Of Cotton (Gossypium hirsutum. L.)*, Harran Tarım ve Gıda Bilimleri Dergisi, 20(3):223-229.

#### **I. Ulusal bilimsel toplantılarda sunulan ve bildiri kitaplarında basılan bildiriler:**

**I.1 C.U.SERCE, E.ELCI, Z.N.OZTURK**, (2016), *Bazı asma virüs hastalıklarının moleküler yöntemlerle araştırılması*, Türkiye VI. Bitki Koruma Kongresi Özet Kitabı.



**I.2 C.U.SERCE, M.AYYAZ, V.BOLAT, I.A.BOZKURT, S.OZGEN, A.F.GOKCE,** (2016), *Niğde ilinde lahana yetiştiriciliğinde ortaya çıkan hastalıklar*, Türkiye VI. Bitki Koruma Kongresi Özet Kitabı.

**J. Sanat ve tasarım etkinlikleri:**

**K. Diğer Yayınlar**

**K.1 G.BARUZZI, M.OZGEN, S.SERCE,** (2015), *İtalyan çilek yetiştiriciliğine güncel bakış*, Harman, 27: 2-5.

