

## Assoc. Prof. MELİKE BAKIR

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAO-1287-2021

ScopusID: 22939887100

Yoksis Researcher ID: 117393

### Education Information

Doctorate, Ankara University, Biyoteknoloji Enstitüsü, Temel Biyoteknoloji, Turkey 2007 - 2012

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Biyoteknoloji Abd, Turkey 2005 - 2006

Undergraduate, Ankara University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2000 - 2004

### Certificates, Courses and Trainings

Education Management and Planning, GeXP Genetik Analiz Sistemi, Ankara Üniversitesi-Biyoteknoloji Enstitüsü, 2012

Education Management and Planning, Lightcycler 480 - Basic Software, Ankara Üniversitesi-Biyoteknoloji Enstitüsü, 2007

Education Management and Planning, Affymetrix Microarray Hedef RNA Ekspresyon Çalışması Laboratuvar ve Analiz programı, Ankara Üniversitesi-Biyoteknoloji Enstitüsü, 2007

Education Management and Planning, CEQ 8800 Genetik Analiz Sistemi, Ankara Üniversitesi-Biyoteknoloji Enstitüsü, 2006

### Dissertations

Doctorate, Asma çeşit ve anaçlarında kuraklık ve tuz stresi toleransına yönelik mikrodizin (mikroarray) analizleri ve stres ile ilgili transkriptomların tespiti, Ankara Üniversitesi, Biyoteknoloji Enstitüsü, Temel Biyoteknoloji, 2012

Postgraduate, Kalsiyum alginatta immobilize edilen termofil *Phormidium* sp. ile boya giderimi, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji Abd, 2006

### Research Areas

Life Sciences, Plant Biology, Plant Breeding and Genetics, Biotechnology, Plant Biotechnology, Molecular Biology and Genetics, Plant Molecular Genetics, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Erciyes University, Ziraat Fakültesi, Tarımsal Biyoteknoloji, 2020 - Continues

Assistant Professor, Erciyes University, Ziraat Fakültesi, Tarımsal Biyoteknoloji, 2018 - 2020

Assistant Professor, Erciyes University, Ziraat Fakültesi, Tarımsal Biyoteknoloji, 2015 - 2018

Expert, Ondokuz Mayıs University, Karadeniz İleri Teknoloji Araştırma Ve Uygulama Merkezi, Biyoteknoloji, 2014 - 2015

Other, Ankara University, Biyoteknoloji Enstitüsü, Bitki Biyoteknolojisi, 2006 - 2012

## Courses

Molecular Cell Biology, Undergraduate, 2020 - 2021

Plant Tissue Culture, Undergraduate, 2020 - 2021

## Advising Theses

Bakır M., Kültür mercimeğinde (*Lens culinaris Medik.*) geliştirilen genomik SSR Markörlerinin yabancı mercimek türlerine transfer edilebilirliğinin belirlenmesi, Postgraduate, M.KEKLİK(Student), 2023

Bakır M., Mapping of newly developed genomic simple sequence repeat markers to lentil (*Lens culinaris Medik.*) genome, Postgraduate, B.WAKIMWAYI(Student), 2022

Bakır M., DEVELOPMENT OF NEW SSR (Simple Sequence Repeats) MARKERS FOR LENTILS (*Lens culinaris Medik.*) FROM GENOMIC LIBRARY ENRICHED WITH AG AND AC MICROSATELLITES AND TRANSFERABILITY OF OTHER LEGUME SPECIES ütüphanelerden yeni ssrs (simple sequence repeats) markörlerin geliştirilmesi ve diğer baklagil türlerine transfer edilebilirliğinin test edilmesi, Postgraduate, Ş.DEMİR(Student), 2020

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **INTEGRATION OF NOVEL SSR MARKERS INTO THE LENTIL (*Lens culinaris Medik.*) GENOME**  
Koboyi B. W., BAKIR M.  
Turkish Journal of Field Crops, vol.29, no.1, pp.40-45, 2024 (SCI-Expanded)
- II. **Genomic SSR marker development in lentil (*Lens culinaris Medik.*) and assessment of cross-species/genera transferability to related legumes**  
BAKIR M., Demir S., YILDIRIM C., Kahraman A.  
CZECH JOURNAL OF GENETICS AND PLANT BREEDING, vol.60, pp.42-49, 2024 (SCI-Expanded)
- III. **The Fastest and Most Reliable Identification of True Hybrids in the Genus *Pisum* L.**  
Sari H., Eker T., SARI YOL D., AKSOY M., BAKIR M., Dogdu V., TOKER C., ÇANCI H.  
LIFE-BASEL, vol.13, no.11, 2023 (SCI-Expanded)
- IV. **Progress of Genomics-Driven Approaches for Sustaining Underutilized Legume Crops in the Post-Genomic Era**  
Jha U. C., Nayyar H., Parida S. K., Bakır M., Von Wettberg E. J. B., Siddique K. H. M.  
FRONTIERS IN GENETICS, vol.13, pp.1-24, 2022 (SCI-Expanded)
- V. **Genetic diversity and population structure of apple germplasm from Eastern Black Sea region of Turkey by SSRs**  
Bakır M., DUMANOĞLU H., AYGÜN A., ERDOĞAN V., Dost S. E., GÜLŞEN O., Serdar U., KALKIŞIM Ö., Bastas K.  
Scientia Horticulturae, vol.294, 2022 (SCI-Expanded)
- VI. **Genetic Characterization of Some Species of Vetch (*VICIA L.*) Grown in Turkey with SSR Markers**  
Yildirim C., OKUMUŞ O., UZUN S., Turkey S. N., SAY A., BAKIR M.  
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.28, no.3, pp.518-524, 2022 (SCI-Expanded)
- VII. **Genetic characterisation and population structure analysis of Anatolian figs (*Ficus carica L.*) by SSR markers**  
Ergül A., Büyük B. P., Hazrati N., Yılmaz F., Kazan K., Arslan N., Özmen C. Y., Aydin S. S., Bakır M., Tan N., et al.  
Folia Horticulturae, vol.33, pp.49-78, 2021 (SCI-Expanded)

- VIII. **Inheritance and Expressivity of Neoplasm Trait in Crosses between the Domestic Pea (*Pisum sativum* subsp. *sativum*) and Tall Wild Pea (*Pisum sativum* subsp. *elatius*)**  
Sarı H., Sari D., Eker T., Aydınoğlu B., Çancı H., İkten C., Göktürk R. S., Zeybek A., Bakır M., Smykal P., et al.  
AGRONOMY-BASEL, vol.10, no.12, 2020 (SCI-Expanded)
- IX. **Salt stress induces endoplasmic reticulum stress-responsive genes in a grapevine rootstock**  
Çakır A., Yüksel Ö., Kibar U., Mutaf F., Büyük P., Bakır M., Ergül A.  
PLOS ONE, vol.15, no.7, 2020 (SCI-Expanded)
- X. **Transferability of newly developed genomic lentil SSR markers to Cicer species**  
BAKIR M.  
Legume Research, vol.42, no.4, pp.479-484, 2019 (SCI-Expanded)
- XI. **Development of New SSR (Simple Sequence Repeat) Markers for Lentils (*Lens culinaris* Medik.) from Genomic Library Enriched with AG and AC Microsatellites**  
BAKIR M., Kahraman A.  
BIOCHEMICAL GENETICS, vol.57, no.2, pp.338-353, 2019 (SCI-Expanded)
- XII. **Spring late frost resistance of selected wild apricot genotypes (*Prunus armeniaca* L.) from Cappadocia region, Turkey**  
Dumanoglu H., Erdogan V., Kesik A., Dost S. E., Delialioglu R. A., Kocabas Z., Ernim C., Macit T., BAKIR M., BAKIR M.  
SCIENTIA HORTICULTURAE, vol.246, pp.347-353, 2019 (SCI-Expanded)
- XIII. **Characterization of Wild Apricot (*Prunus armeniaca* L.) Genotypes Selected from Cappadocia Region (Nevsehir-Turkey) by SSR Markers**  
Baker M., Dumanoglu H., Erdogan V., Ernim C., Macit T.  
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI, vol.25, no.4, pp.498-507, 2019 (SCI-Expanded)
- XIV. **Relationship between transgressive segregations and genetic distances based on SRR markers in *Pisum* species**  
TOKER C., BAKIR M., SARI H., SARI D., ADAK A., EKER T., ÇANCI H., MUTLU N., SMYKAL P.  
Journal Of Biotechnology, vol.280, pp.28, 2018 (SCI-Expanded)
- XV. **Genetic diversity among olive genotypes from Mersin province of Turkey revealed by SSR markers**  
Unver H., Sakar E., ULAS M., BAKIR M., Sakar Z. M., ERCİŞLİ S.  
Comptes Rendus de L'Academie Bulgare des Sciences, vol.70, no.1, pp.71-80, 2017 (SCI-Expanded)
- XVI. **Genetic Relationships Among Olive (*Olea europaea* L.) Cultivars Native to Turkey**  
Sakar E., Unver H., BAKIR M., ULAS M., Sakar Z. M.  
Biochemical Genetics, vol.54, no.4, pp.348-359, 2016 (SCI-Expanded)
- XVII. **Genetic analysis of Anatolian apples (*Malus* sp.) by simple sequence repeats**  
BURAK M., Ergul A., KAZAN K., AKCAY M. E., Yuksel C., Bakir M., Mutaf F., Akpınar A. E., YASASIN A. S., AYANOGLU H.  
JOURNAL OF SYSTEMATICS AND EVOLUTION, vol.52, no.5, pp.580-588, 2014 (SCI-Expanded)
- XVIII. **Genetic analysis of Anatolian pear germplasm by simple sequence repeats**  
AKCAY M. E., BURAK M., KAZAN K., Yuksel C., Mutaf F., Bakir M., AYANOGLU H., Ergul A.  
ANNALS OF APPLIED BIOLOGY, vol.164, no.3, pp.441-452, 2014 (SCI-Expanded)
- XIX. **Molecular analysis of East Anatolian traditional plum and cherry accessions using SSR markers**  
OZ M. H., VURGUN H., Bakir M., Buyuk I., Yuksel C., UNLU H. M., CUKADAR K., KARADOGAN B., Kose O., Ergul A.  
GENETICS AND MOLECULAR RESEARCH, vol.12, no.4, pp.5310-5320, 2013 (SCI-Expanded)
- XX. **Molecular characterization of autochthonous Turkish fig accessions**  
Caliskan O., Polat A. A., Celikkol P., Bakir M.  
SPANISH JOURNAL OF AGRICULTURAL RESEARCH, vol.10, no.1, pp.130-140, 2012 (SCI-Expanded)
- XXI. **Genetic characterization of grape (*Vitis vinifera* L.) germplasm from Southeast Anatolia by SSR markers**  
BOZ Y., Bakir M., Celikkol B. P., KAZAN K., Yilmaz F., Cakir B., Aslantas S., Soylemezoglu G., YASASIN A. S., OZER C., et al.  
VITIS, vol.50, no.3, pp.99-106, 2011 (SCI-Expanded)
- XXII. **Detection of Pathotypes and Genetic Diversity of *Cercospora beticola***

- TURGAY E. B., Bakir M., Ozeren P., Katircioglu Y. Z., Maden S.  
PLANT PATHOLOGY JOURNAL, vol.26, no.4, pp.306-312, 2010 (SCI-Expanded)
- XXIII. **Simple sequence repeat-based assessment of genetic relationships among Prunus rootstocks**  
Turkoglu Z., Bilgener S., Ercisli S., Bakir M., KOC A., AKBULUT M., Gercekioglu R., Gunes M., Esitken A.  
GENETICS AND MOLECULAR RESEARCH, vol.9, no.4, pp.2156-2165, 2010 (SCI-Expanded)
- XXIV. **SSR-based molecular analysis of economically important Turkish apricot cultivars**  
Akpınar A. E., KOCAL H., Ergul A., KAZAN K., Selli M. E., Bakir M., Aslantas S., KAYMAK S., SARIBAS R.  
GENETICS AND MOLECULAR RESEARCH, vol.9, no.1, pp.324-332, 2010 (SCI-Expanded)
- XXV. **Genetic characterization of pea (*Pisum sativum*) germplasm from Turkey using morphological and SSR markers**  
Sarıkamis G., Yanmaz R., ERMIS S., Bakir M., Yuksel C.  
GENETICS AND MOLECULAR RESEARCH, vol.9, no.1, pp.591-600, 2010 (SCI-Expanded)
- XXVI. **Genetic diversity of eggplant (*Solanum melongena*) germplasm from Turkey assessed by SSR and RAPD markers**  
Demir K., Bakir M., Sarıkamis G., Acunalp S.  
GENETICS AND MOLECULAR RESEARCH, vol.9, no.3, pp.1568-1576, 2010 (SCI-Expanded)
- XXVII. **Analysis of clonal variations in cultivated quince (*Cydonia oblonga* 'Kalecik') based on fruit characteristics and SSR markers**  
Dumanoglu H., Gunes N. T., Aygun A., San B., Akpınar A. E., Bakir M.  
NEW ZEALAND JOURNAL OF CROP AND HORTICULTURAL SCIENCE, vol.37, no.2, pp.113-120, 2009 (SCI-Expanded)
- XXVIII. **Genetic Analysis of Grapevine Cultivars from the Eastern Mediterranean Region of Turkey, Based on SSR Markers**  
TANGOLAR S. G., Soydam S., Bakir M., Karaagac E., TANGOLAR S., Ergul A.  
TARIM BILIMLERI DERGISI-JOURNAL OF AGRICULTURAL SCIENCES, vol.15, no.1, pp.1-8, 2009 (SCI-Expanded)
- XXIX. **Genetic characterization of green bean (*Phaseolus vulgaris*) genotypes from eastern Turkey**  
Sarıkamis G., Yaşar F., Bakir M., KAZAN K., Ergul A.  
GENETICS AND MOLECULAR RESEARCH, vol.8, no.3, pp.880-887, 2009 (SCI-Expanded)
- XXX. **Treatment of dye-rich wastewater by an immobilized thermophilic cyanobacterial strain: *Phormidium* sp.**  
Ertugrul S., Bakir M., Donmez G.  
ECOLOGICAL ENGINEERING, vol.32, no.3, pp.244-248, 2008 (SCI-Expanded)
- XXXI. **AFLP analysis of genetic diversity in Turkish green plum accessions (*Prunus cerasifera* L.) adapted to the Mediterranean region**  
AYANOGLU H., BAYAZIT S., INAN G., Bakir M., AKPINAR A. E., KAZAN K., ERGUEL A.  
SCIENTIA HORTICULTURAE, vol.114, no.4, pp.263-267, 2007 (SCI-Expanded)
- XXXII. **Simple sequence repeat-based assessment of genetic diversity in 'Dimrit' and 'Gemre' grapevine accessions from Turkey**  
SELLI F., Bakir M., INAN G., AYGUN H. I., BOZ Y., YASASIN A. S., OEZER C., AKMAN B., SOEYLEMEZLU G., KAZAN K., et al.  
VITIS, vol.46, no.4, pp.182-187, 2007 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Comprehensive expression profiling analysis to investigate salt and drought responding genes in wild barley (*Hordeum spontaneum* L.)**  
BAKIR M., ALTINKUT UNCUOĞLU A., Yüksel Özmen C., Yılmaz Baydu F., Kazan K., Kibar U., Schlauch K., Cushman J. C., ERGÜL A.  
Plant Stress, vol.11, 2024 (ESCI)
- II. **Isolation of ascorbate peroxidase (APX) gene in lentil (*Lens culinaris* Medik.) and expression**

### **analysis under drought stress conditions**

Bakır M., Yildirim C.

Ege Üniversitesi Ziraat Fakültesi Dergisi, vol.3, no.59, pp.439-447, 2022 (Peer-Reviewed Journal)

- III. **Characterization of Some Registered Chickpea (*Cicer arietinum* L.) Varieties with Simple Sequence Repetitions (SSRs) Markers**  
Turkay Ş. N., Bakır M.  
Journal of the Institute of Science and Technology, vol.11, no.1, pp.732-742, 2021 (Peer-Reviewed Journal)
- IV. **Mercimek (*Lens culinaris* M.) DEHYDRATION RESPONSIVE ELEMENTBINDING2A (DREB2A) Geninin Kuraklık Stresi Koşullarındaki İfadesinin Belirlenmesi**  
Bakır M.  
Ege Üniv. Ziraat Fak., vol.56, no.2, pp.181-185, 2019 (Peer-Reviewed Journal)
- V. **SSR MARKÖRLERİN MERCİMEK GENOM HARİTALAMASINDA KULLANILMASI**  
KAHRİMAN A., Akgün Yıldırım Ü., BAKIR M.  
Adıyaman Üniversitesi Tarımsal Uygulama ve Arazi Yönetimi Uygulama ve Araştırma Merkezi Dergisi, vol.7, pp.14-22, 2019 (Peer-Reviewed Journal)

### **Books & Book Chapters**

- I. **Chickpea Diseases: Breeding and “Omics” Approaches for Designing Next-Generation Disease-Resistant Chickpea Cultivar**  
Jha U. C., Nayyar, H., Dev Sharma K., Jha R., Thudi M., Bakır M., Lone A. A., Tripathi S., Beena R., Paul P. J., et al.  
in: Diseases in Legume Crops Next Generation Breeding Approaches for Resistant Legume Crops, Uday Chand Jha, Harsh Nayyar, Kamal Dev Sharma, Eric J Bishop von Wettberg, Prashant Singh, Kadambot H.M Siddique, Editor, SpringerLink, Singapore, pp.1-30, 2023
- II. **Chickpea Wild Relatives: Potential Hidden Source for the Development of Climate Resilient Chickpea Varieties**  
Bakır M., Sarı Yol D., Sarı H., Waqas M., Atif R. M.  
in: Wild Germplasm for Genetic Improvement in Crop Plants, Muhammad Azhar, Shabir Wani, Editor, Academic Press, London, pp.269-297, 2021

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **DETERMINATION OF TRANSFERABILITY OF GENOMIC SSR MARKERS DEVELOPED IN CULTIVATED LENTIL (*LENS CULINARIS* MEDIK.) TO WILD LENTIL SPECIES**  
KEKLİK M., BAKIR M.  
IV - INTERNATIONAL CONFERENCE OF FOOD, AGRICULTURE, AND VETERINARY SCIENCES, Van, Turkey, 27 May 2022
- II. **MAPPING OF NEWLY DEVELOPED GENOMIC SIMPLE SEQUENCE REPEAT MARKERS TO THE LENTIL (*Lens culinaris* Medik.) GENOME**  
Wakimwayi Koboy B., Bakır M.  
Ahi Evran International Conference on Scientific Research, Kırıkkale, Turkey, 30 November 2021
- III. **Mercimekte (*Lens culinaris* Medik.) TG/TC Tekrarları ile Yeni SSR Markörlerin Geliştirilmesi**  
DEMİR Ş., TURKAY Ş. N., BAKIR M.  
Çukurova I. Uluslararası Multi Disipliner Çalışmalar Kongresi, 1 - 04 November 2018
- IV. **Cross-genera/species Transferability of Microsatellite Markers in Plants**  
BAKIR M.  
International Conference of Genomics and Bioinformatics (ICGB), 1 - 04 November 2018
- V. **Development of Simple Sequence Repeat (SSR) Markers Derived From SSR-Enriched Genomic Library of Lentil (*Lens Culinaris* M.)**

BAKIR M., KAHRİMAN A.

Agrosym2018 (9th International Scientific Agriculture Symposium), 4 - 07 October 2018

- VI. **Genotypes Selected From Cappadocia Region (Nevşehir-Turkey) With SSR Markers**  
BAKIR M., DUMANOĞLU H., ERDOĞAN V., ERNİM C., MACİT T.  
Agrosym2018 (9th International Scientific Agriculture Symposium), 4 - 07 October 2018
- VII. **Salt stress induces Endoplasmic reticulum stress responsive genes in grapevine rootstock,1616C**  
ÇAKIR AYDEMİR B., KİBAR U., YÜKSEL C., MUTAF F., ÇELİKKOL P., BAKIR M., ERGÜL A.  
30th International Horticultural Congress, 12 - 16 August 2018
- VIII. **Pisum sativum L. and P. fulvum Sibth. et Sm. reciprocal interspecific crosses unearth hidden genes for extreme earliness**  
TOKER C., ÇANCI H., BAKIR M., SARI H., SARI D., ADAK A., EKER T., SMYKAL P., MUTLU N., UZUN B.  
7. International Food Legume Research Conference (IFLRC VII), May 6-8, 2018, Plais des Congres, Marrakush, Morocco, 6 - 08 May 2018
- IX. **Relationship between transgressive segregations and genetic distance based on SRR markers in interspecific crosses among Pisum species**  
TOKER C., BAKIR M., SARI H., SARI D., ADAK A., EKER T., ÇANCI H., MUTLU N., SMYKAL P.  
European Biotechnology Congress, Athens, Greece, 26 - 28 April 2018
- X. **Micropropagation of sugar beet through in vitro culture of axillary buds**  
ARSLAN M., BAKIR M., ÖZMEN Ö.  
III. INTERNATIONAL PLANT BREEDING CONGRESS, 15 - 19 October 2017
- XI. **Genetic characterization of apple germplasm resources from coastal line of Eastern Black Sea Region in Turkey by SSRs**  
DUMANOĞLU H., AYGÜN A., BAKIR M., ERDOĞAN V., SERDAR Ü., KALKIŞIM Ö., BAŞTAŞ K. K.  
3rd International Symposium for Agriculture and Food-ISAF 2017, Ohrid, Macedonia, 18 - 20 October 2017, vol.1, pp.242
- XII. **Determination of Ascorbate Peroxidase Gene Expression in the Lentil (Lens Culinaris Medik) under Drought Stress Conditions**  
ÖZDERE M., BAKIR M.  
PLANTGEN2017, 29 May - 02 June 2017
- XIII. **Nar (Punica granatum L) Genomik SSRs (Simple Sequence Repeats) Markörlerinin Geliştirilmesi**  
ERGÜL A., BAKIR M.  
Ulusal Tarım Kongresi, Turkey, 26 - 29 October 2013
- XIV. **Tuz-Kurak Stres Koşullarında Yabani Arpa (Hordeum spontaneum L.) Transkriptom Analizleri**  
ERGÜL A., BAKIR M., ALTINKUT UNCUOĞLU A., KAZAN K., SCHLAUCH K., CUSHMAN J. C.  
Ulusal Tarım Kongresi, Turkey, 26 - 29 October 2013
- XV. **SSR Based Characterization of Grape (Vitis vinifera L.) Germplasm from Southeast Anatolia**  
BAKIR M., SÖYLEMEZOĞLU G., ASLANTAŞ Ş., ÇELİKKOL P., YILDIRIM N., YÜKSEL C., YAŞASIN A. S., BOZ Y., ÖZER C., ÇELİK H., et al.  
28 th International Horticultural Congress, 22 - 27 August 2010
- XVI. **Morphological and Pomological Characterization and Identification of east Mediterranean and South-Esat Anaotolia Region Olive (Olea europaea L.) cultivars with SSR markers**  
ÖZKAYA M. T., ULAŞ M., SAKAR E., ERGÜL A., BAKIR M.  
28 th International Horticultural Congress, Lisbon, Portekiz, 22 - 27 August 2010
- XVII. **The Turkish grape (Vitis vinifera L.) SSR database**  
ERGÜL A., BOZ Y., SÖYLEMEZOĞLU G., KAZAN K., ÇELİK H., BAKIR M., ÇELİKKOL P., YILDIRIM N., YÜKSEL C., YAŞASIN A. S., et al.  
10th International Conference on Grapevine Breeding and Genetics, Geneva, New York, USA, 1 - 05 August 2010

## Supported Projects

Bakır M., Postdoctoral Research Program Project, RAD-Seq Linkaj Haritalama ile Cicer echinospermum'da Soğuk Toleransı ve Hibrit Uyuşmazlığı Lokuslarının Haritalanması, 2021 - 2023

Bakır M., Kahriman A., Sarı Yol D., Project Supported by Higher Education Institutions, Yeni Geliştirilen SSR Markörlerin Mercimek (*Lens culinaris Medik.*) Genomuna Haritalanması ve Yabani Mercimek Türlerine Transfer Edilebilirliğinin Belirlenmesi, 2021 - 2023

BAKIR M., ÖZAKTAN H., CAN T., KAHRAMAN A., Project Supported by Higher Education Institutions, *Lens culinaris M.*'de microRNA'ların High-Throughput Yöntemlerle Belirlenmesi, 2017 - 2020

BAKIR M., Kahriman A., TÜBİTAK Project, Mercimekte (*Lens culinaris Medik.*) Zenginleştirilmiş Genomik Kütüphanelerden Yeni SSRs (Simple Sequence Repeats) Markörlerin Geliştirilmesi ve Diğer B, 2019 - 2019

BAKIR M., Can T., KAHRAMAN A., TÜBİTAK Project, Yabani Nohut Türlerinde de novo Transkriptom Dizileme: Soğuk Toleransında Rolü Olan Gen Adaylarının Belirlenmesi ve Fonksiyonel Markörlerin Geliştirilmesi, 2017 - 2019

ARSLAN M., BAKIR M., TÜBİTAK Project, Morfolojik ve moleküler yöntemlerle şekerpancarı hatları arasında heterosis oranlarının belirlenmesi, 2016 - 2019

Dumanoglu H., Bakır M., TÜBİTAK Project, Nevşehir Zerdali (*Prunus armeniaca L.*) Gen Kaynaklarının Geç Çiçeklenme, İlkbahar Geç Donlarına Dayanıklılık, İri Meyvelilik ve Meyvelerin Geç Olgunlaşması Karakterine Göre Değerlendirilmesi, 2014 - 2018

## Metrics

Publication: 57

Citation (WoS): 436

Citation (Scopus): 418

H-Index (WoS): 14

H-Index (Scopus): 13