

Res. Asst. PhD HATİCE SARI

Personal Information

Office Phone: [+90 242 227 4400](tel:+902422274400) Extension: 3742

Email: haticesari@akdeniz.edu.tr

Web: <https://avesis.akdeniz.edu.tr/haticesari>

Address: Akdeniz Üniversitesi.Zİraat Fakültesi, Tarla bitkileri bölümü, 1.Blok, Zemin kat, Konyaaltı/ANTALYA 07059

International Researcher IDs

ORCID: 0000-0003-1230-5533

Publons / Web Of Science ResearcherID: I-6794-2017

Yoksis Researcher ID: 249749

Education Information

Doctorate, Akdeniz University, Institute of Science, Tarla Bitkileri, Turkey 2016 - Continues

Doctorate, Ondokuz Mayıs University, Institute Of Science, Tarla Bitkileri, Turkey 2015 - 2016

Postgraduate, Ondokuz Mayıs University, Institute Of Science, Tarla Bitkileri, Turkey 2012 - 2015

Undergraduate, Ondokuz Mayıs University, Faculty Of Agriculture, Ziraat Mühendisliği / Tarla Bitkileri, Turkey 2008 - 2012

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Data Analysis, Uygulamalı Bitki Genom Analizleri Eğitimi, Pamukkale Üniversitesi, 2019

Dissertations

Postgraduate, Bazı yemelik tane baklagillerin gelişme dönemlerine göre farklı bitki kısımlarında ham protein içeriklerinin belirlenmesi, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarla Bitkileri, 2015

Research Areas

Agricultural Sciences, Agriculture, Infield Plants, Legumes, Other Forage Crops, Biotechnology and Genetics, Population Genetics, Molecular Genetics

Academic Titles / Tasks

Research Assistant, Akdeniz University, Faculty of Agriculture, Department of Field Crops, 2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Genome-wide discovery of di-nucleotide SSR markers based on whole genome re-sequencing data of *Cicer arietinum* L. and *Cicer reticulatum* Ladiz**
Sari D., Sari H., İKTEN C., TOKER C.
Scientific Reports, vol.13, no.1, 2023 (SCI-Expanded)
- II. **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, no.11, 2023 (SCI-Expanded)
- III. **Genomic-Mediated Breeding Strategies for Global Warming in Chickpeas (*Cicer arietinum* L.)**
Jain S. K., Wettberg E. J. v., Punia S. S., Parihar A. K., Lamichaney A., Kumar J., Gupta D. S., Ahmad S., Pant N. C., Dixit G. P., et al.
Agriculture (Switzerland), vol.13, no.9, 2023 (SCI-Expanded)
- IV. **Traits Related to Heat Stress in *Phaseolus* Species**
Tene T. M., Sari H., ÇANCI H., Maaruf A., Eker T., TOKER C.
Agriculture (Switzerland), vol.13, no.5, 2023 (SCI-Expanded)
- V. **Mapping QTLs for Super-Earliness and Agro-Morphological Traits in RILs Population Derived from Interspecific Crosses between *Pisum sativum* × *P. fulvum***
Sari H., Eker T., TOSUN H. Ş., MUTLU N., Celik I., TOKER C.
Current Issues in Molecular Biology, vol.45, no.1, pp.663-676, 2023 (SCI-Expanded)
- VI. **Complete chloroplast genome sequence of *Lens ervoides* and comparison to *Lens culinaris***
Tayşi N., Kaymaz Y., Ateş D., Sari H., TOKER C., Tanyolaç M. B.
Scientific Reports, vol.12, no.1, 2022 (SCI-Expanded)
- VII. **Intraspecific versus interspecific crosses for superior progeny in *Cicer* species**
Sari D., Sari H., Eker T., İKTEN C., UZUN B., TOKER C.
Crop Science, vol.62, no.6, pp.2122-2137, 2022 (SCI-Expanded)
- VIII. **Deployment of *Cicer echinospermum* PH Davis for resistance to *Callosobruchus chinensis* L.**
Eker T., ERLER F., Sari H., SARI YOL D., Berger J., TOKER C.
JOURNAL OF PLANT DISEASES AND PROTECTION, vol.129, no.4, pp.843-851, 2022 (SCI-Expanded)
- IX. **Advantage of Multiple Pods and Compound Leaf in Kabuli Chickpea under Heat Stress Conditions**
Eker T., SARI H., Sari D., ÇANCI H., ARSLAN M., AYDINOĞLU B., Ozay H., TOKER C.
AGRONOMY-BASEL, vol.12, no.3, 2022 (SCI-Expanded)
- X. **Drought resistance of bermudagrass accessions collected from eastern mediterranean**
Mutlu S. S., MUTLU N., Karaguzel O., Sari H., Shearman R. C.
European Journal of Horticultural Science, vol.87, no.3, 2022 (SCI-Expanded)
- XI. **A kabuli chickpea ideotype**
Eker T., SARI YOL D., SARI H., TOSUN H. Ş., TOKER C.
SCIENTIFIC REPORTS, vol.12, no.1, 2022 (SCI-Expanded)
- XII. **De novo super-early progeny in interspecific crosses *Pisum sativum* L. x *P. fulvum* Sibth. et Sm**
SARI H., Sari D., Eker T., TOKER C.
SCIENTIFIC REPORTS, vol.11, no.1, 2021 (SCI-Expanded)
- XIII. **Effects of different salt sources and salinity levels on emergence and seedling growth of faba bean genotypes**
Bimurzayev N., SARI H., KURUNÇ A., Doganay K. H., Asmamaw M.
SCIENTIFIC REPORTS, vol.11, no.1, 2021 (SCI-Expanded)
- XIV. **Phylogenetic relationships among *Pisum* L. species from Asia Minor inferred from pollen and seed coat morphology**
Aydin H., Sari Yol D., Sari H., Eker T., Aykurt C., Toker C.
GRANA, vol.60, no.5, pp.347-355, 2021 (SCI-Expanded)
- XV. ***Cicer turcicum*: A New *Cicer* Species and Its Potential to Improve Chickpea.**
TOKER C., BERGER J., EKER T., SARI D., SARI H., GÖKTÜRK R. S., KAHRAMAN A., AYDIN B., WETTBERG E. J. v.
FRONTIERS IN PLANT SCIENCE, vol.12, pp.1-17, 2021 (SCI-Expanded)

- XVI. **Introgression of Resistance to Leafminer (*Liriomyza cicerina* Rondani) from *Cicer reticulatum* Ladiz. to *C. arietinum* L. and Relationships between Potential Biochemical Selection Criteria**
CHRIGUI N., SARI D., SARI H., EKER T., CENGİZ M. F., İKTEN C., TOKER C.
AGRONOMY-BASEL, vol.11, no.1, 2021 (SCI-Expanded)
- XVII. **Inheritance and Expressivity of Neoplasm Trait in Crosses between the Domestic Pea (*Pisum sativum* subsp. *sativum*) and Tall Wild Pea (*Pisum sativum* subsp. *elatius*)**
SARI H., SARI D., Eker T., AYDINOĞLU B., ÇANCI H., İKTEN C., GÖKTÜRK R. S., Zeybek A., BAKIR M., SMYKAL P., et al.
AGRONOMY-BASEL, vol.10, no.12, 2020 (SCI-Expanded)
- XVIII. **Integration of Extra-Large-Seeded and Double-Podded Traits in Chickpea (*Cicer arietinum*L.)**
KIVRAK K. G., EKER T., SARI H., Sari D., Akan K., AYDINOĞLU B., ÇATAL M., TOKER C.
AGRONOMY-BASEL, vol.10, no.6, 2020 (SCI-Expanded)
- XIX. **Screening and selection of accessions in the genus *Pisum* L. for resistance to pulse beetle (*Callosobruchus chinensis* L.)**
ESEN A., SARI H., ERLER F., Adak A., Sari D., EKER T., ÇANCI H., İKTEN C., Kahraman A., TOKER C.
EUPHYTICA, vol.215, no.4, 2019 (SCI-Expanded)
- XX. **Essential selection criteria for dual uses of red pea (*Lathyrus cicera* L.)**
ADAK A., ÇANCI H., İnci N., CEYLAN F. O., Sari D., SARI H., YILDIRIM T., TOKER Ç.
LEGUME RESEARCH, vol.42, no.1, pp.45-49, 2019 (SCI-Expanded)
- XXI. **Registration of AWC 612M Chickpea Mutant Germplasm Line Resistant to Leaf Miner (*Liriomyza cicerina*)**
TOKER C., ADAK A., Sari D., SARI H., CEYLAN F. O., ÇANCI H., İKTEN C., ERLER F., UPADHYAYA H. D.
JOURNAL OF PLANT REGISTRATIONS, vol.13, no.1, pp.87-90, 2019 (SCI-Expanded)
- XXII. **Unveiling of suppressed genes in interspecific and backcross populations derived from mutants of *Cicer* species**
CEYLAN F. O., Adak A., Sari D., SARI H., TOKER C.
CROP & PASTURE SCIENCE, vol.70, no.3, pp.254-262, 2019 (SCI-Expanded)
- XXIII. **Revealing of resistant sources in *Cicer* species to chickpea leaf miner, *Liriomyza cicerina* (Rondani)**
Ceylan F. O., SARI H., Sari D., Adak A., ERLER F., TOKER C.
PHYTOPARASITICA, vol.46, no.5, pp.635-643, 2018 (SCI-Expanded)
- XXIV. **The Nutritional Content of Common Bean (*Phaseolus vulgaris* L.) Landraces in Comparison to Modern Varieties**
CELMELI T., SARI H., ÇANCI H., Sari D., Adak A., EKER T., TOKER C.
AGRONOMY-BASEL, vol.8, no.9, 2018 (SCI-Expanded)
- XXV. **Agro-morphological traits of *Cicer reticulatum* Ladizinsky in comparison to *C-echinospermum* PH Davis in terms of potential to improve cultivated chickpea (*C-arietinum* L.)**
TALIP M., Adak A., Kahraman A., BERGER J., Sari D., SARI H., PENMETS R. V., von Wettberg E. J., COOK D. R., TOKER C.
GENETIC RESOURCES AND CROP EVOLUTION, vol.65, no.3, pp.951-962, 2018 (SCI-Expanded)
- XXVI. **Screening of chickpea accessions for resistance against the pulse beetle, *Collosobruchus chinensis* L. (Coleoptera: Bruchidae)**
EKER T., ERLER F., Adak A., İMREK B., GUVEN H., TOSUN H. Ş., Sari D., SARI H., UPADHYAYA H. D., TOKER C., et al.
JOURNAL OF STORED PRODUCTS RESEARCH, vol.76, pp.51-57, 2018 (SCI-Expanded)
- XXVII. **Gene effects of *Cicer reticulatum* on qualitative and quantitative traits in the cultivated chickpea**
Adak A., SARI YOL D., SARI H., TOKER C.
PLANT BREEDING, vol.136, no.6, pp.939-947, 2017 (SCI-Expanded)
- XXVIII. **Transgressive segregations for yield criteria in reciprocal interspecific crosses between *Cicer arietinum* L. and *C-reticulatum* Ladiz.**
KÖSEOĞLU K., Adak A., Sari D., SARI H., CEYLAN F. O., TOKER C.
EUPHYTICA, vol.213, no.6, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of seed priming on germination of relict beautiful vavilov, *Vavilovia formosa* (Stev.) Al. Fed.**
SARI H., SARI YOL D., EKER T., ZEYBEK A., TOKER C.
Akdeniz Üniversitesi Ziraat Fakültesi Dergisi, vol.34, no.1, pp.101-108, 2021 (Peer-Reviewed Journal)
- II. **Assessment of leaf miner [*Liriomyza cicerina* Rond. (Diptera: Agromyzidae)] resistance in *Cicer echinospermum* P.H. Davis genotypes**
SARI H., SARI D., ADAK A., ÇANCI H., İKTEN C., ERLER F., YILDIRIM T., TOKER C., KAHRAMAN A.
Mediterranean Agricultural Sciences, vol.31, no.1, pp.1, 2018 (Peer-Reviewed Journal)
- III. ***Cicer echinospermum* P.H. Davis genotiplerinde nohut yaprak galeri sineğine [*Liriomyza cicerina* Rond. (Diptera: Agromyzidae)] dayanıklılığın değerlendirilmesi**
SARI H., SARI D., ADAK A., ÇANCI H., İKTEN C., ERLER F., YILDIRIM T., TOKER C., KAHRAMAN A.
Mediterranean Agricultural Sciences, vol.31, no.1, pp.71-75, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Chickpea wild relatives: potential source of ancient genes for stress tolerance breeding**
Bakır M., SARI YOL D., SARI H., Waqas M., RANA M. A.
in: Wild Germplasm for Genetic Improvement in Crop Plants 1st Edition, Azhar M., Wani S., Editor, Elsevier Science, Oxford/Amsterdam, Amsterdam, pp.320-340, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Phylogenetic relationship among taxa in the genus *Pisum* L. based on morphological traits**
TOKER C., SARI H.
2nd International Conference on Sustainable Agriculture, ICoSA 2019, Yogyakarta, Indonesia, 30 - 31 July 2019, vol.458
- II. **IMPORTANCE OF LEGUMES IN NITROGEN FIXATION**
SARI H., TOKER C.
III. INTERNATIONAL EURASIAN AGRICULTURE AND NATURAL SCIENCES CONGRESS, 17 - 20 October 2019
- III. **IMPORTANCE OF LEGUMES IN NUTRITION**
SARI H., TOKER C.
III. INTERNATIONAL EURASIAN AGRICULTURE AND NATURAL SCIENCES CONGRESS, 17 - 20 October 2019
- IV. **Impact of Wild Cicer Species on Production under Climate Change**
MARUF A., SARI D., SARI H., EKER T., TOKER C.
Proceedings of The Third International Conference on Sustainable Innovation (ICoSI 2019), 30 - 31 July 2019
- V. **Diagnosis of ascochyta blight in *Pisum sativum* subsp. *elatius* via molecular techniques**
TOKER C., SARI D., SARI H., CAT A., ÇATAL M.
Uluslararası Katılımlı Türkiye VII. Bitki Koruma Kongresi, 14 - 17 October 2018
- VI. **A new neoplasm in tall wild peas that cannot triggered by pea weevil, *Bruchus pisorum* L. (*Bruchidae: Coleoptera*)**
TOKER C., SARI H., SARI D., İKTEN C.
Uluslararası Katılımlı Türkiye VII. Bitki Koruma Kongresi, 14 - 17 October 2018
- VII. **Yerel ve Modern Fasulye (*Phaseolus vulgaris* L.) Çeşitlerinin Besin İçerikleri Bakımından Karşılaştırılması**
TOKER C., SARI H., SARI D., ÇANCI H.
International Congress on Agriculture and Animal Sciences, Antalya, Turkey, 7 - 09 November 2018, vol.-
- VIII. **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.

European Biotechnology Congress, Athens, Greece, 26 - 28 April 2018, vol.280

- IX. **Screening of chickpea accessions for resistance against the Chickpea leafminer, *Liriomyza cicerina* (Rondani)**
SARI H., ERLER F., Ceylan F. Ö., SARI D., Adak A., İKTEN C., Kahraman A., TOKER C.
1. International Gap Agriculture & Livestock Congress, Şanlıurfa, Turkey, 25 - 27 April 2018, vol.1, no.1, pp.222
- X. **Evaluation of *Pisum* Species for Resistance to the Pulse Beetle, *Callosobruchus chinensis* L.**
SARI H., ESEN A., ERLER F., ADAK A., SARI D., EKER T., ÇANCI H., İKTEN C., KAHRAMAN A., TOKER C.
1st International GAP Agriculture and Livestock Congress, UGAP 2018, Şanlıurfa, Turkey, 25 April - 27 June 2018, pp.222
- XI. **Screening of chickpea accessions for resistance against the Chickpea leafminer, *Liriomyza cicerina* (Rondani)**
SARI H., ERLER F., Ceylan F. Ö., SARI D., Adak A., İKTEN C., Kahraman A., TOKER C.
1. International Gap Agriculture & Livestock Congress, Şanlıurfa, Turkey, 25 - 27 April 2018, vol.1, no.1, pp.222
- XII. **Detection of *Ascochyta* Blight caused by *Ascochyta Rabiei* In *Cicer Isauricum* by using Internal Transcribed Spacer Sequences**
SARI D., SARI H., ADAK A., ÇAT A., ÇATAL M., TOKER C.
VIII. International Scientific Agricultural Symposium (Agrosym 2017), 5 - 08 October 2017, pp.208
- XIII. **Evaluation of chickpea genotypes for resistance against the pulse beetle, *Callosobruchus chinensis* L. (Coleoptera: Bruchidae).**
ERLER F., EKER T., İMREK B., GÜVEN H., TOKER C., TOSUN H. Ş., SARI D., SARI H., ADAK A.
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017, pp.326-327
- XIV. **Transgressions in Reciprocal Interspecific Crosses between the Cultivated Pea and Its Wild Species.**
Doğdu V., ÇANCI H., SARI H., SARI D., ADAK A., TOKER C.
The 4th International Conference "Plant Genetics, Genomics, Bioinformatics and Biotechnology" (PlantGen2017), Almaty, Kazakhstan, 29 May - 02 June 2017, pp.24
- XV. **Effect of interspecific hybridization between *C. arietinum* L. and *C. reticulatum* Ladiz. on the yield components**
ADAK A., KOSEOĞLU K., CEYLAN F. Ö., SARI D., SARI H., İKTEN C., TOKER C.
2nd INTERNATIONAL BALKAN AGRICULTURE CONGRESS, Tekirdağ, Turkey, 16 - 18 May 2017
- XVI. **Fruitful segregations in reciprocal interspecific crosses between the cultivated chickpea and its progenitor**
KOSEOĞLU K., ADAK A., SARI D., SARI H., CEYLAN BALOĞLU F. Ö., TOKER C.
EUCARPIA Genetic Resources 2017, Montpellier, France, 8 - 11 May 2017, pp.1
- XVII. **Xenia and Metaxenia in Seeds of Interspecific Crosses among *Pisum* Species**
ÇANCI H., SARI H., SARI D., ADAK A., Doğdu V., TOKER C.
EUCARPIA, Section Genetic Resources, "Crop diversification in a changing world. Mobilizing the green gold of plant genetic resources", Montpellier, France, 8 - 11 May 2017, pp.140
- XVIII. **Distribution of wild *Pisum* species and the genus *Vavilovia* in Turkey**
SARI H., SARI D., ADAK A., TOKER C.
International Symposium on Biodiversity and Edible Wild Species, Antalya, Turkey, 3 - 05 April 2017, pp.200
- XIX. **Distribution of the genus *Lens* Miller in Turkey and its importance for plant breeding**
SARI D., ADAK A., SARI H., TOKER C.
International Symposium on Biodiversity and Edible Wild Species, Antalya, Turkey, 3 - 05 April 2017, pp.199
- XX. **Ecogeography and breeding achievement of wild *Cicer* species in Turkey**
ADAK A., SARI D., SARI H., TOKER C.
International Symposium on Biodiversity and Edible Wild Species, Antalya, Turkey, 3 - 05 April 2017, pp.1
- XXI. **Interaction between Fe-deficiency chlorosis and temperature in chickpea (*Cicer arietinum* L.)**
TOKER C., SARI D., SARI H., ÇANCI H., İNCİ N., CEYLAN F. Ö., SÖNMEZ S.
Plant Nutrition, Growth Environment Interactions III, Vienna, Austria, 20 - 21 February 2017, pp.25

- XXII. **CHANGES IN PROTEIN CONTENT IN DIFFERENT PLANT PARTS OF PEA DURING VARIOUS GROWTH STAGES**
SARI H., GÜLÜMSER A.
AGROSYM 2016, Jahorina, Bosnia And Herzegovina, 6 - 09 October 2016, pp.1126-1132
- XXIII. **Yemeklik Tane Baklagillerde Kalite Kriterleri**
SARI H., GÜLÜMSER A.
11.Tarla Bitkileri Kongresi, Çanakkale, Turkey, 7 - 10 September 2015, pp.517
- XXIV. **Samsun İli Organik Şeker Mısır Üretim Potansiyeli**
SEZER İ., ÖNER F., AKAY H., İMAMOĞLU B., SARI H.
V. Organik Tarım Sempozyumu, Samsun, Turkey, 25 - 27 September 2013
- XXV. **Samsun İlinde Karışık Ekim Sisteminin Uygulanabilirliği**
GÜLÜMSER A., SEZER İ., AKAY H., İMAMOĞLU B., SARI H.
X. Tarla Bitkileri Kongresi, Konya, Turkey, 10 - 13 September 2013
- XXVI. **Tosya İlçesindeki Geleneksel Çeltik Üretiminin İrdelenmesi**
AKAY H., SEZER İ., MUT Z., İMAMOĞLU B., SARI H., SARIBAŞ O.
X. Tarla Bitkileri Kongresi, Konya, Turkey, 10 - 13 September 2013

Supported Projects

TOKER C., SARI H., Project Supported by Higher Education Institutions, Pisum sativum L. ve P. fulvum Sibth&Sm. Türler Arası Melezlemelerinde Erkencilikle İlgili QTL'lerin Belirlenmesi, 2020 - 2022

Scientific Refereeing

INTERNATIONAL JOURNAL OF AGRICULTURE, ENVIRONMENT AND FOOD SCIENCES, National Scientific Refreed Journal, October 2021
FRONTIERS IN PLANT SCIENCE, SCI Journal, August 2021
SCIENTIFIC REPORTS, SCI Journal, August 2021
INTERNATIONAL JOURNAL OF TROPICAL INSECT SCIENCE, SCI Journal, March 2021

Metrics

Publication: 58
Citation (WoS): 171
Citation (Scopus): 443
H-Index (WoS): 7
H-Index (Scopus): 11