



ESİN ARI

PROF.

Email : esinari@akdeniz.edu.tr

Office Phone : [+90 242 310 2451](tel:+902423102451)

Address : Akdeniz Üniversitesi, Ziraat Fakültesi, Tarımsal
Biyoteknoloji Bölümü, 07070 Antalya

International Researcher IDs

ORCID: 0000-0003-0239-9935

Publons / Web Of Science ResearcherID: B-9211-2016

Yoksis Researcher ID: 109407

Learning Knowledge

Doctorate

2000 - 2006

Cukurova University, Fen Bilimleri Enstitüsü, Bahçe Bitkileri, Turkey

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Other, II. Florasan In Situ Hibridizasyon Tekniği Ve Bitkilerde Kullanım Alanları, Namık Kemal Üniv. - NAKSEM, 2015

Other, Flow Sitometri ve Tarımsal Araştırmalarda Kullanımı, Namık Kemal Üniv. - NAKSEM, 2013

Other, Bitki Biyoteknolojisinde Genomik ve Fonksiyonel Genomik Uygulamalar, Ankara Üniv. Biyoteknoloji Enst, 2008

Other, Kromozom Sayımı Teknikleri, İ.Ü. Eczacılık Fakültesi, 2008

Other, Araştırma Yönetimi, TAGEM, 2006

Other, Örtüaltı Bitki Yetiştiriciliği ve Topraksız Kültür, BATEM, 2005

Other, Hibrit Çeşit Islahında Biyoteknoloji Kullanımı, Çukurova Üniv. + TAGEM, 2004

Other, Nükleer Tekniklerin Tarımda Uygulanması, Türkiye Atom Enerjisi Kurumu, 2002

Other, Managing Arbuscular Mycorrhizal Fungi for Improving Soil Quality and Plant Health in Agriculture, Çukurova Üniv., 2001

Other, Ekolojik Tarım Eğitim Kursu, Tarım ve Köyişleri Bakanlığı, 2000

Other, Hibridoma Teknolojisi Kuramsal ve Uygulamalar Kursu, Gebze Yüksek Teknoloji Enstitüsü, 1999

Other, A Practical Approach to Plant Molecular Biology" Training Course, Gebze Yüksek Teknoloji Enstitüsü, 1999

Dissertations

Doctorate, Türkiye'de Doğal Olarak Yetişen *Anemone coronaria* var. *coccinea* da Anter Kültürü Çalışmaları, Cukurova University, Fen Bilimleri Enstitüsü, Bahçe Bitkileri, 2006

Academic Titles / Tasks

Professor 2023 - Continues	Akdeniz University, Faculty of Agriculture, Department of Agricultural Biotechnology
Associate Professor 2017 - 2023	Akdeniz University, Faculty of Agriculture, Department of Agricultural Biotechnology
Assistant Professor 2011 - 2017	Akdeniz University, Faculty of Agriculture, Department of Agricultural Biotechnology

Supported Projects

1. Fidan H., Arı E., Çalış Ö., Project Supported by Other Private Institutions, Potyvirus Hastalıklarına Karşı CRISPR-Cas9 Teknolojisiyle Transgenik Olmayan Dayanıklı Hiyar Geliştirme, 2018 - 2023
2. Mutlu N., Arı E., Pınar H., TÜBİTAK Project, Domateste Sentromer-Temelli Kromozom Eliminasyonu ile in vivo Haploid Bitki Eldesi, 2018 - 2022
3. ARI E., DEMİR M., AKAR T., TEKİN M., Project Supported by Higher Education Institutions, Embriyo Kurtarma Yardımıyla Kışlık Sentetik Tetraploid Arpa Hordeum vulgare L x Siyez Triticum monococum L Melezlerinin Elde Edilmesi, 2018 - 2020
4. ARI E., BEDİR H., Project Supported by Higher Education Institutions, Vaccaria hispanica (Mill.) Rauschert'de Somatik Embriyogenesis İçin Embriyojenik Kallus Elde Etme Çalışmaları, 2016 - 2019
5. Arı E., Mutlu N., Topuz A., İkten H., Deniz İ. G., Genç İ., TÜBİTAK Project, Vaccaria hispanica (Mill.) Rauschert Genotiplerinin Haploidiye Tepkilerinin Belirlenmesi, Moleküler Karakterizasyonları ve Tohum İçeriklerinin Tespiti , 2013 - 2018
6. Arı E., TÜBİTAK Project, Peyzajda Kullanım Amaçlı Süs Biberi Islahı, 2013 - 2014
7. Arı E., TÜBİTAK Project, Antalya'daki Bazı Doğal Bitkilerin Dış Mekan Süs Bitkileri Sektörüne Kazandırılması, 2006 - 2009
8. ARI E., TÜBİTAK Project, Kesme Çiçek Çeşit Geliştirme Projesi - Gypsophyla ve Karanfilde Gen Havuzlarının Oluşturulması, 2005 - 2008
9. Devran Z., Arı E., Tarım Bakanlığı B., Other International Funding Programs, Phase-out of Methyl Bromide for Soil Fumigation in Protected Horticulture and Cut Flower Production in Turkey, 2003 - 2008
10. ARI E., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Fusarium oxysporum f.sp. melonis'e Dayanıklı Kavun Safhatlarının Dihaploidizasyon Yöntemi ile Geliştirilmesi, 2006 - 2007
11. ARI E., TÜBİTAK Project, Antalya Koşullarında Kesme Çiçek Orkide Yetiştiriciliği, 2004 - 2007
12. Arı E., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Türkiyede Doğal Olarak Yetişen Anemone Coronariada Anter Kültürü İle Haploid Bitki Elde Edilmesi, 2002 - 2005
13. POLAT İ., ARI E., Project Supported by Other Official Institutions, Turunçgillerde Melezleme Islahı Sonucu Elde Edilen Zigotik Bitkilerin Moleküler Markerlerle Belirlenmesi, 2000 - 2004
14. POLAT İ., ARI E., Project Supported by Other Official Institutions, Antalyada Doğal Yayılış Gösteren Orkide Türlerinin Tespiti Ve Dna Parmakizlerinin Saptanması, 2001 - 2003

Awards

1. ARI E., Yayın Teşvik Desteği, Akdeniz Üniv. Bilimsel Araştırma projeleri Koordinasyon Birimi, May 2017
2. ARI E., Yayın Teşvik Desteği, Akdeniz Üniv. Bilimsel Araştırma Projeleri Koordinasyon Birimi, December 2016
3. ARI E., SARIGÖZ O., TEŞEKKÜR BELGESİ, AKDENİZ ÜNİVERSİTESİ REKTÖRLÜĞÜ, December 2015
4. ARI E., Dış kaynaklı projeleri özendirme desteği, Akdeniz Üniv. Bilimsel Araştırma Projeleri Koord. Birimi, December 2013

Scholarships

Öğretim Üyesi Desteği (İSPANYA -Valencia Polytechnic Univ.-3 AY), YOK, 2012 - 2012
Yurtdışı Eğitim Bursu (JAPONYA - Tsukuba Univ. - 3 Ay), Other Government Agencies, 2008 - 2009
Yurtdışı Eğitim Bursu (A.B.D. - Clemson Univ. - 1 yıl), Other Government Agencies, 1998 - 1999

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Knockout of eIF4E using CRISPR/Cas9 for large-scale production of resistant cucumber cultivar against WMV, ZYMV, and PRSV**
Fidan H., Çalıř Ö., Arı E., Atasayar A., Sarıkaya P., Tek M. I., İzmirli A., Oz Y., Firat G.
Frontiers in Plant Science, vol.14, 2023 (SCI-Expanded)
2. **Assessment of the genetic diversity and population structure of *Vaccaria hispanica* (Mill.) Rauschert germplasms of Türkiye based on SRAP and SSR markers**
İKTEN H., Solak S. S., Yılmaz Y., MUTLU N., ARI E., DENİZ İ. G., GENÇ İ.
Turkish Journal of Agriculture and Forestry, vol.47, no.6, pp.983-998, 2023 (SCI-Expanded)
3. **Effect of the genotype, explant source and culture medium in somatic embryogenesis and organogenesis in *Vaccaria hispanica* (Mill.) Rauschert**
Bedir H., Arı E., Vural G. E., Seguí-Simarro J. M.
Plant Cell, Tissue and Organ Culture, vol.150, no.2, pp.329-343, 2022 (SCI-Expanded)
4. **Evaluation of the androgenic competence of 66 wild Turkish *Vaccaria hispanica* (Mill.) Rauschert genotypes through microspore culture**
Arı E., Bedir H., Deniz I. G., Genç I., Seguí-Simarro J. M.
Plant Cell, Tissue and Organ Culture, vol.148, no.1, pp.209-214, 2022 (SCI-Expanded)
5. **Morphological and agronomic characterization of Turkish *Vaccaria hispanica* (Mill.) Rauschert populations**
Ari E., Mutlu N., Soylu I., Bedir H., Genç I., Deniz I. G.
Turkish Journal of Agriculture and Forestry, vol.46, no.6, pp.933-946, 2022 (SCI-Expanded)
6. **Enhancement of embryogenesis in freshly isolated microspore cultures of ornamental kale through direct cold shock treatment**
Ari E., Bedir H., Mutlu N.
SCIENTIA HORTICULTURAE, vol.280, 2021 (SCI-Expanded)
7. **Shed-Microspore Culture in Ornamental Peppers for Doubled Haploid Plant Production**
Arı E.
DOUBLED HAPLOID TECHNOLOGY, VOL. 2, vol.2288, pp.251-266, 2021 (SCI-Expanded)
8. **Triple synergistic effect of maltose, silver nitrate and activated charcoal on high embryo yield of eggplant (*Solanum melongena* L.) anther cultures**
Vural G. E., Arı E.
SCIENTIA HORTICULTURAE, vol.272, 2020 (SCI-Expanded)
9. **Physical and chemical properties of cow cockle seeds (*Vaccaria hispanica* (Mill.) Rauschert) genetic resources of Turkey**
Cam I. B., Balci-Torun F., Topuz A., Ari E., Deniz I. G., Genç I.
INDUSTRIAL CROPS AND PRODUCTS, vol.126, pp.190-200, 2018 (SCI-Expanded)

10. **Androgenic responses of 64 ornamental pepper (*Capsicum annum L.*) genotypes to shed-microspore culture in the autumn season**
Ari E., Bedir H., Yildirim S., Yildirim T.
TURKISH JOURNAL OF BIOLOGY, vol.40, no.3, pp.706-717, 2016 (SCI-Expanded)
11. **EFFECTS OF DIFFERENT SUBSTRATES AND IBA CONCENTRATIONS ON ADVENTITIOUS ROOTING OF NATIVE *Vitex agnus-castus L.* CUTTINGS**
Ari E.
ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS, vol.15, no.2, pp.27-41, 2016 (SCI-Expanded)
12. **Comparison of different androgenesis protocols for doubled haploid plant production in ornamental pepper (*Capsicum annum L.*)**
Ari E., Yildirim T., Mutlu N., Büyükalaca S., Gökmen U., Akman E.
TURKISH JOURNAL OF BIOLOGY, vol.40, no.4, pp.944-954, 2016 (SCI-Expanded)
13. **Creation of variation through gamma irradiation and polyploidization in *Vitex agnus-castus L.***
Ari E., Djapo H., Mutlu N., Gurbuz E., Karagüzel O.
SCIENTIA HORTICULTURAE, vol.195, pp.74-81, 2015 (SCI-Expanded)
14. **ADVENTITIOUS ROOTING OF NATIVE *ERICA MANIPULIFLORA SALISB.*, A MEDITERRANEAN ORNAMENTAL SHRUB**
Ari E., Gurbuz E.
APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH, vol.13, no.4, pp.1141-1156, 2015 (SCI-Expanded)
15. **Comparative evaluation of different embryo rescue techniques on parthenogenetic melon (*Cucumis melo L.*) fruits induced with irradiated pollen**
Ari E., Ikten H., Göçmen M., Coşkun R., Eren A.
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.9, no.33, pp.5347-5356, 2010 (SCI-Expanded)

Articles Published in Other Journals

1. **The Effect of Shaker Use on Embryo Yield in Shed-Microspore Cultures of Ornamental Peppers**
Doğan S., Ari E.
International Journal of Agriculture and Wildlife Science, vol.5, no.2, pp.299-307, 2019 (Peer-Reviewed Journal)
2. **Expression patterns of ROS responsive genes on boron-stressed canola (*Brassicanapus ssp. oleifera L.*) following selenium treatment**
ÖZEN M. O., KAYA S., UYLAŞ S., Durmus C., ARI E., AKBUDAK M. A.
Mediterranean Agricultural Sciences, vol.32, no.1, pp.35-41, 2019 (Peer-Reviewed Journal)
3. **Neurobiological evaluation of thirty-one medicinal plant extracts using microtiter enzyme assays**
Erdogan Orhan I., Senol F. S., Haznedaroglu M. Z., Koyu H., Aslan Erdem S., Yılmaz G., Cicek M., Yaprak A. E., ARI E., Kucukboyaci N., et al.
Clinical Phytoscience, vol.2, no.9, pp.1-12, 2017 (Peer-Reviewed Journal)
4. **Development of resistant tomato population with bacterial canker resistance genes from interspecific hybrids by the support of embryo rescue.**
KABAŞ A., Arı E., Zengin S., İLBİ H., AYSAN Y., OĞUZ A.
DERİM, vol.33, pp.27-46, 2016 (Peer-Reviewed Journal)
5. **Türkiye Kesme Çiçek Sektörü İçin Alternatif Bir Tür: *Anemone coronaria***
ARI E., AKIN H.
Akdeniz Üniversitesi Ziraat Fakültesi Dergisi, vol.23, no.2, pp.107-114, 2010 (Peer-Reviewed Journal)
6. ***Anemone coronaria var. coccinea* Androgenesis Çalışmaları İçin Uygun Çiçek Tomurcuğu Morfolojisinin Tespit Edilmesi**
ARI E., BÜYÜKALACA S.
Akdeniz Üniversitesi Ziraat Fakültesi Dergisi, vol.23, no.2, pp.71-79, 2010 (Peer-Reviewed Journal)
7. **Orkideler ve Türkiye'deki Mevcut Durum**
ARI E.

Books & Book Chapters

1. **Development of Androgenesis Studies on Eggplant (*Solanum melongena* L.) in Turkey from Past to Present**
VURAL G. E., ARI E., Zengin S., ELLİALTIOĞLU Ş. Ş.
in: Applied Life Sciences, Sorina Popescu , Editor, Intechopen, London, pp.1-26, 2019
2. **Akdeniz Bölgesi Dış Mekan Bitkileri**
ARI E.
in: Türkiye'nin Doğal Süs Bitkileri Kataloğu, Kaya E., Editor, Atatürk Bahçe Bitkileri Merkez Araştırma Enstitüsü, Yalova, pp.226-254, 2009

Refereed Congress / Symposium Publications in Proceedings

1. **Comparison of Anther and Shed-Microspore Cultures in Eggplant (*Solanum melongena* L.) grown in spring season**
VURAL G. E., ARI E.
I. International Green Biotechnology Congress, İstanbul, Turkey, 10 - 11 September 2019, pp.17-18
2. **Biotechnology Assisted Breeding Infrastructure Studies at *Vaccaria hispanica* (Mill.) Rauschert**
ARI E., İKTEN H., MUTLU N., BEDİR H., TOPUZ A., ÇAM İ. B., BALCI TORUN F., DENİZ İ. G., GENÇ İ.
II. International Green Biotechnology Congress, İstanbul, Turkey, 9 - 11 September 2019, pp.16-17
3. **Prooxidant And Antioxidant Effect Of Root Extract Obtained From *Gypsophila bicolor* (*Caryophyllaceae*) In Lung And Epidermoid Cancer Cells**
Demir Z., ÖZKAN A., ÇAM İ. B., ARI E.
1st Eurasia Biochemical Approaches & Technologies (EBAT) Congress, Antalya, Turkey, 27 - 30 October 2018, pp.133
4. **Evaluation of the seed contents and their principal component analysis of Turkish *Vaccaria hispanica* (mill.) Rauschert) genotypes**
ÇAM İ. B., BALCI-TORUN F., TOPUZ A., ARI E., DENİZ İ. G., GENÇ İ.
4th International Symposium of Medicinal and Aromatic Plants, İzmir, Turkey, 2 - 04 October 2018, pp.93
5. **Doubled Haploid Plant Regeneration from Microspore Cultures of *Brassica napus* L. Grown in Greenhouse Conditions in Antalya**
ARI E., BEDİR H., ŞİMŞEK C., MUTLU N., KULA N.
International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 2 - 05 September 2018, pp.530
6. **Extraction of Saponins and Cyclopeptides from Cow Cockle (*Vaccaria hispanica* (Mill.) Rauschert) Seeds Grown in Turkey**
ÇAM İ. B., BALCI-TORUN F., TOPUZ A., ARI E., DENİZ İ. G., GENÇ İ.
ICACA 2018 : 20th International Conference on Agricultural Chemistry and Agrochemicals, Kopenhag, Denmark, 11 - 12 June 2018, vol.12, no.6, pp.43
7. **Isolated Microspore Cultures of Ornamental Cabbages (*Brassica oleracea* var. *acephala*)**
ARI E., BEDİR H., MUTLU N.
International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.26
8. **The Importance of Using DAPI Staining for Androgenesis Studies in The Example of *Anemone coronaria* L**
ARI E., BEDİR H.
International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.4
9. **Studies on Obtaining Embryogenic Callus in *Vaccaria hispanica* (Mill.) Rauschert for Somatic Embryogenesis**

- BEDİR H., ARI E.
International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.36
10. **Isolated Microspore Culture Studies in *Ricotia carnosula* Boiss. & Heldr. (Brassicaceae)**
BEDİR H., ARI E.
International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.30
11. **Microspore Culture Studies on Endemic *Conringia grandiflora* Boiss et Heldr. (Brassicaceae)**
ARI E., BEDİR H., MUTLU N.
The Eurasian Agriculture and Natural Sciences Congress, Bişkek, Kyrgyzstan, 20 - 23 September 2017, pp.168
12. **Review of Eggplant (*Solanum melongena* L.) Androgenesis Studies in The World and Turkey**
ARI E., VURAL G. E., Ellialtıođlu Ő.
The Eurasian Agriculture and Natural Sciences Congress, Bişkek, Kyrgyzstan, 20 - 23 September 2017, pp.94
13. **Transferability of simple sequence repeat (SSR) markers developed from Caryophyllaceae Family to *Vaccaria Hispanica* (Mill.)**
İKTEN H., Solak S. S., MUTLU N., ARI E., DENİZ İ. G., GENÇ İ.
European Biotechnology Conference, Latvia, 5 - 07 May 2016, vol.231
14. **Biyoteknoloji Destekli Sūs Biberi (*Capsicum annum* L.) Islahı**
ARI E., GOKMEN U., YILDIRIM T., MUTLU N., ISBİLEN Y., AKMAN E., BEDİR H., YILDIRIM S., BANKOĐLU M., KULA N.
VII. Ulusal Bahçe Bitkileri Kongresi, Çanakkale, Turkey, 25 - 29 August 2015, pp.56
15. **In vitro neurobiological evaluation of randomly selected fourteen medicinal and edible plants using high-throughput screening assays**
ERDOĐAN ORHAN I., Senol F. S., Haznedaroglu M. Z., Koyu H., Aslan Erdem S., Yılmaz G., Cicek M., Yaprak A. E., ARI E., Kucukboyaci N., et al.
The Second Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-2), Antalya, Turkey, 22 - 25 April 2015, pp.508
16. **Assessing Vegetative Production Studies of 22 Native Plant Species Growing in Antalya, Turkey, with Potential as Outdoor Ornamental Plant**
ARI E., Gurbuz E., Ay S. T., Karaguzel O., Ozcelik A.
25th International EUCARPIA Symposium Section on Ornamentals - Crossing Borders, Melle, Belgium, 28 June - 02 July 2015, vol.1087, pp.281-288
17. **Selection of the Best Black Mondo (*Ophiopogon planiscapus* 'Nigrescens') Clone in Tissue Culture Conditions for Micropropagation**
ARI E., Adelberg J., Delgado M., Kroggel M.
25th International EUCARPIA Symposium Section on Ornamentals - Crossing Borders, Melle, Belgium, 28 June - 02 July 2015, vol.1087, pp.423-428
18. **The Origin Of The Embryogenic Microspore Divisions In Anther Cultures Of *Anemone Coronaria***
ARI E., BÜYÜKALACA S.
International Agricultural Symposium - "Agrosym 2014", Jahorina, Bosnia And Herzegovina, 23 - 26 October 2014, pp.238
19. **Seed Germinations of 20 Wild Species Growing in Antalya, Turkey, with Outdoor Ornamental Plant Potential**
ARI E., GÜRBÜZ E., TUĐRUL AY S.
International Agricultural Symposium - "Agrosym 2014", Jahorina, Bosnia And Herzegovina, 23 - 26 October 2014, pp.439-445
20. **Preliminary Studies For Obtaining Variation On *Vaccaria hispanica* and Endemic *Ricotia carnosula***
ARI E., GÜRBÜZ E.
Balkan Agriculture Congress, Edirne, Turkey, 8 - 10 September 2014, pp.702
21. **Preselection In *Vaccaria hispanica* (Mill.) Rauschert For Ornamental Plant Breeding**
ARI E., YILDIRIM S., BEDİR H., BANKOĐLU M., GÖKMEN Ü., GENÇ İ., DENİZ İ. G., MUTLU N., İŐBİLEN Y., KULA N.
Balkan Agriculture Congress, Edirne, Turkey, 8 - 10 September 2014, pp.194
22. **Preliminary Studies on The Breeding of *Vaccaria hispanica* (Mill.) Rauschert: A New Crop Species For Turkey.**

- ARI E., TOPUZ A., DENİZ İ. G., GENÇ İ., KANTAR F., SULUDERE Z.
International Plant Breeding Congress, Antalya, Turkey, 10 - 14 November 2013, pp.62
23. **Anther Culture In Different Ornamental Pepper Genotypes**
ARI E., ERCİK K., AKMAN E., OZDEMİR O.
International Plant Breeding Congress, Antalya, Turkey, 10 - 14 November 2013, pp.525
24. **A New Potential Nutraceutical Plant For Turkey: *Vaccaria hispanica* (Mill.) Rauschert**
ARI E., TOPUZ A., SULUDERE Z.
1st Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-2013), Gazimagosa, Cyprus (Kkct), 17 - 20 April 2013, pp.70
25. **In Vitro Evaluation Of Neurobiological Properties And HPLC Characterization Of *Ricotia carnosula*, *Conringia grandiflora*, and *Vaccaria hispanica***
SENOL F., ARI E., ASLAN ERDEM S., ERDOĞAN ORHAN İ.
1st Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-2013), Gazimagosa, Cyprus (Kkct), 17 - 20 April 2013, pp.317
26. ***Daphne sericea*'nın Kültüre Alınması Örneğinde Bazı Doğal Bitkilerin Mikorizal İlişkilerinin Ortaya Konulmasının Önemi**
ARI E., OZKAN C. F., BAYSAL O.
VI. Ulusal Bahçe Bitkileri Kongresi, Şanlıurfa, Turkey, 4 - 08 October 2011, pp.613-623
27. **Peyzajda Kullanım Amacıyla *Vitex agnus-castus*'a Sekil Verme Çalışmaları**
ARI E., KARAGUZEL O.
VI. Ulusal Bahçe Bitkileri Kongresi, Şanlıurfa, Turkey, 4 - 08 October 2011, pp.606-612
28. **Antalya florasından selekte edilen ve kültüre alınan bazı doğal bitkilerin peyzajda kullanım önerileri**
ARI E., KARAGÜZEL O., GURBUZ E.
IV. Ulusal Süs Bitkileri Kongresi, Mersin, Turkey
29. **Peyzaj Sektöründe Yer Alan Bazı Aktörlerin Doğal Bitki Kullanımına Bakış Açılarının Antalya İli Örneğinde İncelenmesi**
ARI E., GURBUZ E., SAYIN B.
IV. Süs Bitkileri Kongresi, Mersin, Turkey, 20 - 22 October 2010, pp.348-358
30. **Antalya Florasından Kültüre Alınmış Bazı Doğal Bitkilerde Karşılaşılan Zararlılar ve Mücadele Yöntemleri**
ARI E., TOPUZ E.
IV. Ulusal Süs Bitkileri Kongresi, Mersin, Turkey, 20 - 22 October 2010, pp.48
31. **Cultivation and Phytochemical Studies on *Ricotia carnosula* Boiss. & Heldr.**
ARI E.
6th Conference On Medicinal And Aromatic Plants Of Southern European Countries (6th CMAPSEEC), Antalya, Turkey, 18 - 22 April 2010, vol.6, pp.104
32. **An endemic species studied for the first time in regard to cultivation: *Conringia grandiflora* Boiss. & Heldr.**
ARI E., GÖKTÜRK R. S.
6th Conference On Medicinal And Aromatic Plants Of Southern European Countries., Antalya, Turkey, 18 - 22 April 2010, pp.105
33. **Phytochemical Studies On The Aerial Parts Of *Vitex agnus-castus* L.**
ARI E., TUĞRUL AY S., TINAZ G.
6th Conference On Medicinal And Aromatic Plants Of Southern European Countries (6th CMAPSEEC), Antalya, Turkey, 18 - 22 April 2010, vol.6, pp.148-149
34. **An endemic species studied for the first time in regard to cultivation: *Conringia grandiflora* Boiss. & Heldr.**
ARI E., GÖKTÜRK R. S.
6th Conference On Medicinal And Aromatic Plants Of Southern European Countries., Antalya, Turkey, 18 - 22 April 2010, vol.6, no.22, pp.105
35. **Studies on Practically Obtaining Melon Dihaploid Plants For Use in Breeding of *Fusarium oxysporum***

f.sp. melonis Resistance Studies

ARI E., IKTEN H., GOCMEN M., COSKUN R., EREN A.

6th Conference On Medicinal And Aromatic Plants Of Southern European Countries (6th CMAPSEEC), Antalya, Turkey, 18 - 22 April 2010, vol.6, pp.104-105

36. **The Effect of Different Silver Nitrat Concentrations on Anther Cultures of Anemone coronaria var. coccinea**
ARI E., BUYUKALACA S.
6th Conference On Medicinal and Aromatic Plants Of Southern European Countries, Antalya, Turkey, 18 - 22 April 2010, pp.431-440
37. **The Effect of Bio-Control Agents on Yield and Flower Quality of Cut Phalaenopsis**
ÖZÇELİK A., AYDINSAKIR K., ARI E., OZKAN C. F.
International Symposium on Strategies Towards Sustainability of Protected Cultivation in Mild Winter Climate, Antalya, Turkey, 7 - 10 April 2008, vol.2, no.807, pp.693-698
38. **Researches On The Determination of Orchid Species Native To Antalya Turkey To Be Used As Salep And Ornamental Plants Their Fingerprints And In Situ Conservation Possibilities Davetli Konuşmacı**
KARAGÜZEL O., ARI E., ÖNAL M. K., POLAT İ., GÖÇMEN M.
Piante Mediterranee. 3. Convegno Nazionale. Le Piante Mediterranee Nelle Scelte Strategiche Per L'agricoltura E L'ambiente, Bari, Italy, 27 September - 01 October 2006, pp.20
39. **In Vitro Regeneration of Vaccaria pyramidata**
ARI E., BÜYÜKALACA S.
22nd International Eucarpia Symposium - Section Ornamentals- Breeding for Beauty, Sanremo, Italy, 11 - 15 September 2006, pp.29
40. **Callus Initiation for Indirect Pollen Embryogenesis in Anemone coronaria**
ARI E., BÜYÜKALACA S., ABAK K., ÇETİNER S.
22nd International Eucarpia Symposium - Section Ornamentals - Breeding for Beauty, Sanremo, Italy, 11 - 15 September 2006, vol.743, pp.87-90
41. **Some cytological observations on pollen grains of wild poppy Anemone varieties from Turkey**
Ari E., Buyukalaca S., Eti S., Gok P.
9th International Symposium on Flower Bulbs, Niigata, Japan, 19 - 22 April 2004, pp.699-703
42. **Phylogenetic Relationship of Turkish Terrestrial Orchids**
ARI E., KARAGÜZEL O., ÖNAL M. K., POLAT İ., GÖÇMEN M.
9th International Symposium on Flower Bulbs, Niigata, Japan, 19 - 22 April 2004, vol.673, no.1, pp.155-160
43. **Citrus Virus And Virus Like Diseases Free Propagation Buds and Nursery Sector in Turkey**
GOCMEN M., KELTEN M., TASDEMİR T., ARI E., TULCAN B.
10th International Citrus Congress, Agadir, Morocco, 15 - 19 February 2004, pp.35
44. **İki Manisa Lalesi Varyetesinde Çiçek Tozu Canlılık ve Çimlenme Oranları ile Üretim Miktarlarının Belirlenmesi**
ARI E., BUYUKALACA S., GOK P., ETI S.
Türkiye IV. Ulusal Bahçe Bitkileri Kongresi, Antalya, Turkey, 8 - 12 September 2003, pp.509-511
45. **Batı Akdeniz Bölgesinden Seleksiyonla Elde Edilen Bazı Anemone (Anemone coronaria L.) Tiplerinin RAPDs (Random Amplified Polymorphic DNA) Markörlerle DNA Parmakizlerinin Belirlenmesi**
GOCMEN M., POLAT I., ARI E., CAKIROGLU N.
II. Ulusal Süs Bitkileri Kongresi, Antalya, Turkey, 22 - 24 October 2002, pp.18-23
46. **Egirdir Gölü Barla-Egirdir-Saraphane Kıyı Seridinin Alan Kullanım Yönünden Değerlendirilmesi**
ARI E., GULTEKİN E.
I.Peyzaj Mimarlığı Kongresi, Ankara, Turkey, 19 - 21 October 2000, pp.409-417

Advising Theses

Arı E., IN VITRO ANDROGENESIS AND SOMATIC EMBRYOGENESIS IN WHEAT (TRITICUM AESTIVUM L.), Doctorate,

A.Ratib(Student), 2024

ARI E., Hiyarda (*Cucumis sativus* L.) Elongation Factor eIF (iso) 4E Geninin Transformasyonu ve Bitki Rejenerasyonu, Postgraduate, Y.ÖZ(Student), 2021

ARI E., Endemik *Ricotia carnosula* Boiss. & Heldr. (Brassicaceae)'da In Vitro Rejenerasyon ve Sentetik Tohum Üretimi, Postgraduate, M.DEMİR(Student), 2020

ARI E., *Vaccaria hispanica* (Mill.) Rauschert'de Somatik Embriyogenesis İçin Embriyojenik Kallus Elde Etme Çalışmaları, Postgraduate, H.BEDİR(Student), 2019

ARI E., Patlıcanda (*Solanum melongena* L.) Haploid Bitki Elde Etme Amacıyla Anter ve Shed-Mikrospor Kültürlerinin Karşılaştırılması, Postgraduate, G.Elif(Student), 2019

ARI E., Süs Biberi Shed-Mikrospor Kültürlerinde Çalkalayıcı Kullanımının Embriyo Verimi Üzerine Etkisi, Postgraduate, S.YILDIRIM(Student), 2016

Memberships / Tasks in Scientific Organizations

EUCARPIA, Member, 2006 - Continues

Scientific Refereeing

TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, National Scientific Refreed Journal, October 2022

International Journal of Agriculture Environment and Food Sciences, Journal Indexed in ESCI, October 2021

Biotech Studies, National Scientific Refreed Journal, July 2021

TURJAF, National Scientific Refreed Journal, May 2021

Euphytica, SCI Journal, April 2021

Industrial Crops and Products, SCI Journal, February 2021

Euphytica, SCI Journal, December 2020

Scientia Horticulturae, SCI Journal, August 2020

TURJAF, National Scientific Refreed Journal, May 2020

Project Supported by Higher Education Institutions, May 2019

Turkish Journal of Agriculture and Forestry, SCI Journal, April 2019

Crop Breeding and Applied Biotechnology, SCI Journal, February 2019

Crop Breeding and Applied Biotechnology, SCI Journal, November 2018

TURJAF, National Scientific Refreed Journal, November 2018

Euphytica, SCI Journal, July 2018

Turkish Journal of Agriculture and Forestry, SCI Journal, May 2018

Anadolu Tarım, Other Indexed Journal, April 2018

Alatarım, National Scientific Refreed Journal, November 2017

Mediterranean Agricultural Sciences, Other Indexed Journal, July 2017

Journal of Plant Growth Regulation, SCI Journal, April 2017

Euphytica, SCI Journal, December 2016

Turkish Journal of Biology, SCI Journal, February 2016

International Journal of Agriculture Sciences, Other Indexed Journal, November 2015

Turkish Journal of Biology, SCI Journal, November 2015

In Vitro Cellular & Developmental Biology, SCI Journal, October 2015

Project Supported by Higher Education Institutions, October 2014

Turkish Journal of Agriculture and Forestry, SCI Journal, April 2014

Turkish Journal of Biology, SCI Journal, February 2012

Journal of Forestry Research, SCI Journal, December 2011

African Journal of Biotechnology, SCI Journal, September 2011

African Journal of Biotechnology, SCI Journal, June 2011

Metrics

Publication: 77

Citation (WoS): 92

Citation (Scopus): 98

H-Index (WoS): 6

H-Index (Scopus): 6

Congress and Symposium Activities

II. International Green Biotechnology Congress, Attendee, İstanbul, Turkey, 2019

4th International Symposium of Medicinal and Aromatic Plants, Attendee, İzmir, Turkey, 2018

International Agricultural, Biological & Life Science Conference, Attendee, Edirne, Turkey, 2018

International Agricultural Science Congress, Session Moderator, Van, Turkey, 2018

International Agricultural Science Congress, Attendee, Van, Turkey, 2018

The Eurasian Agriculture and Natural Sciences Congress, Attendee, Bishkek, Kyrgyzstan, 2017

International Green Biotechnology Congress, Attendee, İstanbul, Turkey, 2017

VII. Ulusal Bahçe Bitkileri Kongresi, Attendee, Çanakkale, Turkey, 2015

XXVth International EUCARPIA Symposium Section Ornamentals, Attendee, Gent, Belgium, 2015

Fifth International Scientific Agricultural Symposium (Agrosym 2014), Attendee, Sarajevo, Bosnia And Herzegovina, 2014

International BALKAN Agriculture Congress, Attendee, Edirne, Turkey, 2014

International Plant Breeding Congress, Attendee, Turkey, 2013

1st Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-2013), Attendee, Gazimagusa, Cyprus (Kktc), 2013

Türkiye VI. Ulusal Bahçe Bitkileri Kongresi, Attendee, Şanlıurfa, Turkey, 2011

IV. Ulusal Süs Bitkileri Kongresi, Attendee, Mersin, Turkey, 2010

6th Conference On Medicinal And Aromatic Plants Of Southern European Countries, Attendee, Antalya, Turkey, 2010

XXIInd International Eucarpia Symposium Section Ornamentals - Breeding for Beauty, Attendee, Salerno, Italy, 2006

ISHS IXth International Symposium on Flower Bulbs, Attendee, Niigata, Japan, 2004

Türkiye IV. Ulusal Bahçe Bitkileri Kongresi, Attendee, Antalya, Turkey, 2003

II. Ulusal Süs Bitkileri Kongresi, Attendee, Antalya, Turkey, 2002

I. Peyzaj Mimarlığı Kongresi, Attendee, Ankara, Turkey, 2000

Research Areas

Agricultural Sciences, Agriculture, Garden Plants, Flowers and Ornamental Plants, Plant Biotechnology