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Education Information

Doctorate, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, Turkey 2003 - 2010

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Bazı Karpuz Genotiplerinin SSR ve SRAP Markörleri ile Karakterizasyonu ve Fusarium Solgunluğu (Fusarium oxysporum f.sp. niveum)'na Dayanımlarının Moleküler ve Klasik Yöntemlerle Araştırılması , Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, 2010

Post Graduate, Bazı Karpuz Çeşit ve Tiplerinin Karakterizasyonu , Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, 2003

Research Areas

Agricultural Sciences, Agriculture, Garden Plants, Vegetable Breeding and Breeding

Academic Titles / Tasks

Associate Professor, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, 2014 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Rootstock capacity in improving production and quality of triploid watermelon seeds**
SOLMAZ İ., SARIN., Kombo M. D. , Simsek I., Hussein S., Namli M.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.42, pp.298-308, 2018 (Journal Indexed in SCI)
- **HYBRID PERFORMANCE AND HETEROSIS IN MINI-WATERMELONS**
SOLMAZ İ., SARIN., Kombo M. D. , Pamuk S., Gocmen M., Simsek I.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, pp.393-401, 2018 (Journal Indexed in SCI)
- **Preliminary studies of genom-wide association mapping for some selected morphological characters of watermelons**
Yagcioglu M., GÜLŞEN O., YETİŞİR H., SOLMAZ İ., SARIN.
SCIENTIA HORTICULTURAE, vol.210, pp.277-284, 2016 (Journal Indexed in SCI)
- **Genetic Characterization of Turkish Snake Melon (Cucumis melo L. subsp melo flexuosus Group) Accessions Revealed by SSR Markers**
SOLMAZ İ., Kacar Y. A. , ŞİMŞEK Ö., SARIN.
BIOCHEMICAL GENETICS, vol.54, pp.534-543, 2016 (Journal Indexed in SCI)

- The Andromonoecious Sex Determination Gene Predates the Separation of Cucumis and Citrullus Genera**
 BOUALEM A., LEMHEMDI A., SARIM., PIGNOLYS., TROADEC C., ABOU CHOUCHA F., SOLMAZ İ., SARIN., DOGIMONT C., BENDAHMANE A.
 PLOS ONE, vol.11, 2016 (Journal Indexed in SCI)
- Effect of different irradiation sources and doses on haploid embryo induction in Altinbas (Cucumis melo L. var. inodorus) melons**
 DAL B., SARIN., SOLMAZ İ.
 TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.40, pp.552-559, 2016 (Journal Indexed in SCI)
- MORPHOLOGICAL CHARACTERIZATION OF Cyclamen sp GROWN NATURALLY IN TURKEY: PART II**
 ÇÜRÜK P., SÖĞÜT Z., İzgu T., Sevindik B., TAGIPUR E. M. , da Silva J. A. T. , Serce S., SOLMAZ İ., Kacar Y. A. , MENDI N. Y. Y.
 ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS, vol.15, pp.205-224, 2016 (Journal Indexed in SCI)
- Genetic analyses of Turkish watermelons based on SRAP markers**
 Yagcioglu M., GÜLŞEN O., SOLMAZ İ., YETİŞİR H., SARIN.
 TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.40, pp.613-620, 2016 (Journal Indexed in SCI)
- Genetic diversity within Turkish watermelon [Citrullus lanatus (Thunb.) Matsumura & Nakai] accessions revealed by SSR and SRAP markers**
 SOLMAZ İ., AKA KAÇAR Y., SARIN., ŞİMŞEK Ö.
 TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.40, pp.407-419, 2016 (Journal Indexed in SCI)
- Genetic diversity, population structure and linkage disequilibrium among watermelons based on peroxidase gene markers**
 Ocal N., AKBULUT M., GÜLŞEN O., YETİŞİR H., SOLMAZ İ., SARIN.
 SCIENTIA HORTICULTURAE, vol.176, pp.151-161, 2014 (Journal Indexed in SCI)
- Volatile organic compounds in watermelon (Citrullus lanatus) grafted onto 21 local and two commercial bottle gourd (Lagenaria siceraria) rootstocks**
 Guler Z., Candir E., Yetisir H., Karaca F., SOLMAZ İ.
 JOURNAL OF HORTICULTURAL SCIENCE & BIOTECHNOLOGY, vol.89, pp.448-452, 2014 (Journal Indexed in SCI)
- The effect of plant density and pruning on yield and some agronomic characters of pepino (Solanum muricatum Ait.)**
 SOLMAZ İ., Suyum K., Caymaz G., SARIN.
 ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.28, pp.1145-1150, 2012 (Journal Indexed in SCI)
- Rootstock potential of Turkish Lagenaria siceraria germplasm for watermelon: plant growth, yield and quality**
 Karaca F., YETİŞİR H., SOLMAZ İ., Candir E., Kurt S., SARIN., Guler Z.
 TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.36, pp.167-177, 2012 (Journal Indexed in SCI)
- Genetic diversity among melon accessions (Cucumis melo) from Turkey based on SSR markers**
 Kacar Y. A. , ŞİMŞEK Ö., SOLMAZ İ., SARIN., Mendi Y. Y.
 GENETICS AND MOLECULAR RESEARCH, vol.11, pp.4622-4631, 2012 (Journal Indexed in SCI)
- Comparison of in vivo and in vitro Colchicine Application for Production of Dihaploid 'Kirkagac' and 'Yuva Hasanbey' Melons**
 SOLMAZ İ., SARIN., GURSOY I., KASAPOGLU S.
 AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.10, pp.15717-15723, 2011 (Journal Indexed in SCI)
- The effect of salinity on stomata and leaf characteristics of dihaploid melon lines and their hybrids**
 SOLMAZ İ., SARIN., DASGAN Y., AKTAS H., YETİŞİR H., UNLU H.
 JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT, vol.9, pp.172-176, 2011 (Journal Indexed in SCI)
- The genetic characterization of Turkish watermelon (Citrullus lanatus) accessions using RAPD markers**
 SOLMAZ İ., SARIN., AKA-KACAR Y., YALCIN-MENDI N. Y.
 GENETIC RESOURCES AND CROP EVOLUTION, vol.57, pp.763-771, 2010 (Journal Indexed in SCI)
- Morphological evaluation and comparison of Hungarian and Turkish melon (Cucumis melo L.) germplasm**

Szamosi C., SOLMAZ İ., SARI N., Barsony C.

SCIENTIA HORTICULTURAE, vol.124, pp.170-182, 2010 (Journal Indexed in SCI)

- **Determination of gene escape and fruit quality characteristics in transgenic melon (*Cucumis melo* L. var. *inodorus*)**

Mendi Y. Y. , SARI N., AKYILDIZ A., SOLMAZ İ., ÜNEK C., ÖZKAYA O., Serçe S.

TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.34, pp.135-143, 2010 (Journal Indexed in SCI)

- **Morphological characterization of Hungarian and Turkish watermelon (*Citrullus lanatus* (Thunb.) Matsum. et Nakai) genetic resources**

Szamosi C., SOLMAZ İ., SARI N., Barsony C.

GENETIC RESOURCES AND CROP EVOLUTION, vol.56, pp.1091-1105, 2009 (Journal Indexed in SCI)

- **Characterization of watermelon (*Citrullus lanatus*) accessions collected from Turkey for morphological traits**

SOLMAZ İ., SARI N.

GENETIC RESOURCES AND CROP EVOLUTION, vol.56, pp.173-188, 2009 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Effect of Different Doses of Nitrogen and Potassium Fertilization on Yield and Nutrient Uptake in Grafted Watermelon Growing in Çukurova Region Conditions**

Alkan Torun A., Solmaz İ., Duymuş E., Aydın O., Cenkseven Ş., Yalçınkaya A., Gülüt K. Y. , Torun M. B.

International Journal of Agricultural and Natural Sciences, vol.1, pp.228-232, 2018 (Refereed Journals of Other Institutions)

- **Transgenik Kırkağaç 637 kavun çeşidinde morfolojik karakterizasyon**

YALÇIN MENDİ N. Y. , SARI N., SOLMAZ İ., Ünek C., Eldogan S., İpek M., Serçe S.

Alatırım Dergisi, vol.6, pp.26-31, 2007 (Other Refereed National Journals)

Books & Book Chapters

- **Determining the agronomic characteristics of Turkish watermelon genotypes for developing breeding lines**

TARIM G., SOLMAZ İ., SARI N.

in: Cucurbitaceae 2012 Proceedings of the Xth EUCARPIA Meeting on Genetics and Breeding of Cucurbitaceae, Sari N., Solmaz İ., Aras V., Editor, Çukurova University Science Publishers, Adana, pp.368-373, 2012

Refereed Congress / Symposium Publications in Proceedings

- **Effect of Different Doses of Nitrogen and Potassium Fertilization on Yield and Nutrient Uptake in Grafted Watermelon Growing in Cukurova Region Conditions**

Alkan Torun A., Solmaz İ., Duymuş E., Aydın O., Cenkseven Ş., Yalçınkaya A., Gülüt K. Y. , Torun M. B.

4TH INTERNATIONAL AGRICULTURE CONGRESS, Nevşehir, Turkey, 5 - 08 June 2018

- **Effects of grafting watermelons on *Citrullus lanatus* var. *citroides* genotypes for plant growth, yield and fruit quality**

TARIM G., Kelebek H., SOLMAZ İ., SARI N.

International Plant Breeding Congress, Antalya, Turkey, 10 - 14 November 2013, pp.502

- **Örtüaltı Kavun Yetiştiriciliğinde Tepe alma Budamasının ve Meyve Seyreltmesinin Verim ve Kalite Üzerine Etkileri**

SOLMAZ İ., TARIM G., SARI N.

9. Ulusal Sebze Tarımı Sempozyumu, Konya, Turkey, 12 - 14 September 2012, pp.502-506

- **Determining the Heterosis Effect on Orange Fleshed Kırkağaç Melon Genotypes Developed by F-1 Breeding**

SARI N., SOLMAZ İ., Sertli S., Simsek İ., DÜNDAR Ö.

28th International Horticultural Congress on Science and Horticulture for People (IHC) / International Symposium on New Developments in Plant Genetics and Breeding, Lisbon, Portugal, 22 - 27 August 2010, vol.935, pp.191-198

- **Determining the agronomic characteristics of Turkish watermelon genotypes for developing breeding lines**

SOLMAZ İ., SARIN., Tarım G., ACEMBEKİROĞLU M., PEHLIVAN M.

10th EUCARPIA Meeting on Genetics and Breeding of Cucurbitaceae, Antalya, Turkey, 15 - 18 October 2012, pp.368-373

- **Evaluation of genetic relationships on single, triple and double cross melon (*Cucumis melo* var. *cantalupensis*) hybrids by SSR markers**

Yılmaz N., Kacar Y. A. , SARIN., ŞİMŞEK Ö., SOLMAZ İ.

10th EUCARPIA Meeting on Genetics and Breeding of Cucurbitaceae, Antalya, Turkey, 15 - 18 October 2012, pp.544-550

- **Genetic transformation in melon**

MENDİY., İzgu T., Kacar Y. A. , SOLMAZ İ., ŞİMŞEK Ö., SARIN.

10th EUCARPIA Meeting on Genetics and Breeding of Cucurbitaceae, Antalya, Turkey, 15 - 18 October 2012, pp.528-534

- **Karpuzda Haploid Embriyo Uyarımı ve Bitki Elde Edilmesi Üzerine Farklı Çeşit ve in vitro Kültür Ortamlarının Etkisi**

TARIM G., SOLMAZ İ., SARIN.

VI. Ulusal Bahçe Bitkileri Kongresi, Şanlıurfa, Turkey, 4 - 08 October 2011, pp.446-451

- **Farklı Zamanlarda Ekimi Yapılan Baklada Mikoriza (*Glomus mossea*) Uygulamasının Bitki Gelişmesi, Verim, Bakla Özellikleri ve Fosfor Alımına Etkileri.**

ORTAŞ İ., Sarı N., Solmaz İ., Demirbaş A., Gül M., Aydın İ.

Türkiye VI. Ulusal Bahçe Bitkileri Kongresi, Şanlıurfa, Turkey, 4 - 08 October 2011, pp.100-120

- **Characterization of Some Melon Genotypes Collected from Eastern and Central Anatolia Region of Turkey**

SOLMAZ İ., SARIN., MENDİY. Y. , Kacar Y. A. , KASAPOĞLU S., GURSOYI., SUYUM K., KILLIO., Serce S., YILDIRIM E.

4th International Symposium on Cucurbits, Changsha, China, 21 - 26 September 2009, vol.871, pp.187-195

- **New Approaches to Reduce Time and Cost of detailed Soil Survey on the Undulating Landscape**

ÖZTEKİN M. E. , ŞENOL S., DİNGİL M., SOLMAZ İ., DİNÇ A. O.

International meeting on Soil Fertility Land Management and Agroclimatology., İzmir, Turkey, 29 October - 01 November 2008, pp.40

- **Pollen Viability and Germination Rates of 45 Watermelon Genotypes**

Gök P., Yetişir H., SOLMAZ İ., SARIN., ETİ S.

IIIrd Int.Symp. on Cucurbits, Townsville, Australia, 28 - 31 January 2007, vol.731, pp.99-102

- **Transgenik kavunların morfolojik karakterizasyonu**

YALÇIN MENDİN. Y. , İpek M., SOLMAZ İ., SARIN., Çetiner S.

V. Sebzeçilik kongresi, Çanakkale, Turkey, 21 - 24 September 2004, pp.24

Supported Projects

SARIN., Namlı M., SOLMAZ İ., Project Supported by Higher Education Institutions, Karpuz Genetik Kaynaklarında Farklı Sayıda Erkek Çiçekle Tozlaşmanın Meyve Tutumu ile Tohum Verimi ve Kalitesine Etkileri, 2018 - 2019

ALKAN TORUN A., YALÇINKAYA A., SOLMAZ İ., TORUN M. B. , DUYSUŞ E., CENKSEVEN Ş., Project Supported by Higher Education Institutions, Çukurova Bölgesi Koşullarında Aşılı Karpuz Yetiştiriciliğinde Farklı Dozlarda Azot ve Potasyum Gübrelemesinin Verim Kalite, Makro ve Mikro Besin Elementleri Alımı Üzerine Etkisi, 2017 - 2019

SARIN., AKA KAÇAR Y., SOLMAZ İ., DAL B., Project Supported by Higher Education Institutions, Altınbaş grubu kavunların dihaploidizasyon yöntemi ile saflaştırılması ve heterotik grupların oluşturularak F1 hibritlerin geliştirilmesi, 2015 - 2018

SARIN., SOLMAZ İ., PAMUK S., Project Supported by Higher Education Institutions, Galia Tipi Kavunlarda Yüksek Verimli ve Raf Ömrü Uzun Saf Hat Geliştirme, 2015 - 2018

SARIN., SOLMAZ İ., DAL B., Project Supported by Higher Education Institutions, Kantalop Grubu Kavunlarda Cucumis

melo var cantalupensis Hibrit Tohum Verimi ve Kalitesi Üzerine Farklı Sayıda Erkek Çiçekle Tozlama ile Meyve Sayılarının Etkileri, 2016 - 2017

TOPÇU S., DÜNDAR Ö., SARIN., SOLMAZ İ., Project Supported by Higher Education Institutions, Bahçe bitkilerinde abiyotik stres etkilerini en aza indirmek için kök hedefli stratejilerin güçlendirilmesi ROOTOPOWER, 2015 - 2017

TOPÇU S., AKYILDIZ A., AYSAN Y., ÖZTÜRK H. H. , SOLMAZ İ., Project Supported by Higher Education Institutions, Farklı Özellikte Plastik Örtü Malzemelerinin Domates Üretiminde Bitki Gelişimi ve Verimi ile Kurşuni Küf (Botrytis Cinerea) Ve Bakteriyel Kara Leke Hastalığının (Pseudomonas Tomato) Mücadelesine Etkileri, 2015 - 2017

SARIN., SOLMAZ İ., Project Supported by Higher Education Institutions, Fruit and Seed Size in Some Mini Watermelon Lines, 2015 - 2015

Invited Congress and Symposium Activities

International Plant Breeding Congress, Attendee, Antalya, Turkey, 2013

10th EUCARPIA Meeting on Cucurbitaceae, Attendee, Antalya, Turkey, 2012

. Cucurbitaceae 2010, Attendee, Charleston, United States Of America, 2010

. 4th International Cucurbitaceae, Attendee, Changsha, China, 2009

Citations

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