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Education Information

Doctorate, University of Reading, Department Of Agriculture, United Kingdom 1988 - 1992

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Bahçe Bitkileri (YI) (Tezli), Turkey 1985 - 1987

Undergraduate, Ankara University, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, Turkey 1981 - 1985

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Changes in seed quality during development in tomato pepper and marrow, University of Reading, Department Of Agriculture, 1992

Postgraduate, Ankara koşullarında yetiştirilen yabancı kökenli bazı üzüm çeşitlerinin ampelografik özelliklerinin belirlenmesi üzerinde araştırmalar, Ankara University, Fen Bilimleri Enstitüsü, Bahçe Bitkileri (YI) (Tezli), 1987

Research Areas

Agricultural Sciences, Agriculture

Academic and Administrative Experience

Ankara University, 2013 - 2017

Ankara University, 1999 - 2001

Courses

Sıcak iklim Sebzeleri, Undergraduate, 2022 - 2023

Genel Sebzeçilik, Undergraduate, 2021 - 2022

Sebze Tohum Teknolojisinin Temel Esasları, Postgraduate, 2017 - 2018

Sebze Tohum Teknolojisi, Undergraduate, 2017 - 2018, 2013 - 2014, 2012 - 2013, 2010 - 2011, 2009 - 2010, 2007 - 2008
Tohum Fizyolojisi, Postgraduate, 2017 - 2018, 2013 - 2014, 2012 - 2013
Bahçe Bitkileri, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
Sebze tohum kaplama teknikleri, Doctorate, 2013 - 2014, 2012 - 2013
Tohum uygulamaları, Postgraduate, 2013 - 2014, 2012 - 2013

Advising Theses

DEMİR İ., Hızlandırılmış kontrollü bozulma tohum gücü testinin pırasa ve soğan tohum partilerinde depo ömrünün tahmininde kullanılması, Postgraduate, C.EKŞİ(Student), 2010
DEMİR İ., Uygulama sonrası depolamanın kontrollü nemlendirilmiş biber ve patlıcan tohumlarının kalitesine etkisi, Postgraduate, S.MİS(Student), 2008

Jury Memberships

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Hatay Mustafa Kemal University, February, 2024
Associate Professor Exam, Associate Professor Exam, Ankara University, December, 2023
Doctoral Examination, Doctoral Examination, Ankara University, December, 2023
Doctorate, Doctorate, Ankara University, December, 2023
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Iğdir University, December, 2023
Doctorate, Doctorate, Ankara University, December, 2023
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Ankara Üniversitesi, March, 2023

Taught Courses And Trainings

Demir İ., Proje yazım kursu, 2018 - 2018
Demir İ., Uluslararası Yayın nasıl yapılır ?, 2014 - 2014
Demir İ., Seed treatments to extend seed quality and production efficiency in various environments, 2010 - 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Karrikinolide stimulated seed germination of artificially aged marrow, cabbage and pepper seeds through repair of cell structure and enzyme activity**
Gokdas Z., Yıldırım E., Gupta S., Demir İ.
South African Journal of Botany, vol.151, pp.208-213, 2022 (SCI-Expanded)
- II. **Improved water productivity in summer squash under water deficit with PGPR and synthetic methyl amine applications**
Yıldırım E., Ekinci M., Şahin Ü., Örs Cırık S., Turan M., Demir İ., Dursun A., Kotan R.
RHIZOSPHERE, vol.20, 2021 (SCI-Expanded)
- III. **Quality of Immature and Mature Pepper (Capsicum annum L.) Seeds in Relation to Bio-Priming with Endophytic Pseudomonas and Bacillus spp.**
Yıldırım K. C., CANİK OREL D., Okyay H., Gursan M. M., DEMİR İ.
HORTICULTURAE, vol.7, no.4, 2021 (SCI-Expanded)
- IV. **Seed vigour evaluation in petunia seed lots to predict seedling emergence and longevity**

- DEMİR İ., Erturk N., Gokdas Z.
SEED SCIENCE AND TECHNOLOGY, vol.48, no.3, pp.391-400, 2020 (SCI-Expanded)
- V. **Longevity of organic pepper (*Capsicum annuum* L.) seeds**
Yildirim K. C., Ozden E., Gokdas Z., DEMİR İ.
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.48, no.3, pp.1483-1494, 2020 (SCI-Expanded)
- VI. **The Change in Photosynthetic Activity and Leaf Water Content of Squash Plants Treated with Bacteria and Methylamine under Drought Conditions**
YILDIRIM E., ÖRS CIRIK S., EKİNCİ M., TURAN M., ŞAHİN Ü., DURSUN A., KOTAN R., DEMİR İ.
HORTSCIENCE, vol.53, no.9, 2018 (SCI-Expanded)
- VII. **Effects of Bacteria and Methylamine on Yield and Plant Growth of Squash under Water Stress**
EKİNCİ M., ÖRS CIRIK S., YILDIRIM E., ŞAHİN Ü., DURSUN A., KOTAN R., TURAN M., DEMİR İ.
HORTSCIENCE, vol.53, no.9, 2018 (SCI-Expanded)
- VIII. **Priming with smoke-derived karrikinolide enhances germination and transplant quality of immature and mature pepper seed lots**
DEMİR İ., Ozden E., Yildirim K. C., Sahin O., Van Staden J.
SOUTH AFRICAN JOURNAL OF BOTANY, vol.115, pp.264-268, 2018 (SCI-Expanded)
- IX. **Solid Matrix Priming Treatment with O-2 Enhanced Quality of Leek Seed Lots**
Ozden E., Ermis S., ŞAHİN Ö., TAŞKIN M. B., DEMİR İ.
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.46, no.2, pp.371-375, 2018 (SCI-Expanded)
- X. **Radicle Emergence Test Estimates Predictions of Percentage Normal Seedlings in Standard Germination Tests of Aubergine (*Solanum melongena* L.) Seed Lots**
Ozden E., Ozdamar C., DEMİR İ.
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.46, no.1, pp.177-182, 2018 (SCI-Expanded)
- XI. **Prediction of germination of commercially available seed lots by regression models developed by artificial and natural ageing and electrical conductivity in leek**
Ozden E., ALBAYRAK DELIALİOĞLU R., Hussein S., DEMİR İ.
SEED SCIENCE AND TECHNOLOGY, vol.45, no.2, pp.465-474, 2017 (SCI-Expanded)
- XII. **Solid Matrix Priming of Cabbage Seed Lots: Repair of Ageing and Increasing Seed Quality**
Ermis S., Kara F., Ozden E., DEMİR İ.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.22, no.4, pp.588-595, 2016 (SCI-Expanded)
- XIII. **Use of a single radicle emergence count as a vigour test in prediction of seedling emergence potential of leek seed lots**
Ermis S., Karslioglu M., Ozden E., DEMİR İ.
SEED SCIENCE AND TECHNOLOGY, vol.43, no.2, pp.308-312, 2015 (SCI-Expanded)
- XIV. **Early radicle emergence count after controlled deterioration (CD) predicts emergence potential better than final standard germination after CD in tomato varieties**
Ermis S., Ozden E., DEMİR İ.
SEED SCIENCE AND TECHNOLOGY, vol.43, no.2, pp.278-283, 2015 (SCI-Expanded)
- XV. **Electrical conductivity of seed soak water predicts seedling emergence and seed storage potential in commercial seed lots of radish**
Mavi K., Mavi F., DEMİR İ., Matthews S.
SEED SCIENCE AND TECHNOLOGY, vol.42, no.1, pp.76-86, 2014 (SCI-Expanded)
- XVI. **Chlorophyll Fluorescence Sorting Method to Improve Quality of Capsicum Pepper Seed Lots Produced from Different Maturity Fruits**
KENANOĞLU B. B., DEMİR İ., Jalink H.
HORTSCIENCE, vol.48, no.8, pp.965-968, 2013 (SCI-Expanded)
- XVII. **Evaluation of seed quality: from physiology to international standardization**
Matthews S., Noli E., DEMİR İ., Khajeh-Hosseini M., Wagner M. -.
SEED SCIENCE RESEARCH, vol.22, 2012 (SCI-Expanded)
- XVIII. **Electrical conductivity measurement to predict germination of commercially available radish seed**

lots

DEMİR İ., Cebeci C., Guloksuz T.

SEED SCIENCE AND TECHNOLOGY, vol.40, no.2, pp.229-237, 2012 (SCI-Expanded)

- XIX. **Vigor Tests to Estimate Seedling Emergence Potential and Longevity in Viola Seed Lots**
DEMİR İ., Celikkol T., SARIKAMIŞ G., Eksi C.
HORTSCIENCE, vol.46, no.3, pp.402-405, 2011 (SCI-Expanded)
- XX. **Determination of seed moisture constants (K-E, C-W) for the viability equation for watermelon, melon, and cucumber seeds**
DEMİR İ., Kenanoglu B. B., Hay F., Mavi K., Celikkol T.
SEED SCIENCE AND TECHNOLOGY, vol.39, no.2, pp.527-532, 2011 (SCI-Expanded)
- XXI. **The use of a shortened controlled deterioration vigour test in predicting field emergence and longevity of onion seed lots**
Eksi C., DEMİR İ.
SEED SCIENCE AND TECHNOLOGY, vol.39, no.1, pp.190-198, 2011 (SCI-Expanded)
- XXII. **Effect of priming treatment on germination at stressful temperatures, fatty acid, sugar content and enzymatic activity of pepper seeds Priming uygulamasının biber tohumlarının stres sıcaklıklarında çimlenme, yağ asitleri, şeker kapsamı ve enzim aktivitesi üzerine etkisi**
Kaya G., DEMİR İ., TEKİN A., Yaşar F., Demir K.
Tarım Bilimleri Dergisi, vol.16, no.1, pp.9-16, 2010 (SCI-Expanded)
- XXIII. **Positive effect of smoke-derived butenolide priming on melon seedling emergence and growth**
Mavi K., Light M. E., DEMİR İ., van Staden J., Yasar F.
NEW ZEALAND JOURNAL OF CROP AND HORTICULTURAL SCIENCE, vol.38, no.2, pp.147-155, 2010 (SCI-Expanded)
- XXIV. **Mean germination time estimates the relative emergence of seed lots of three cucurbit crops under stress conditions**
Mavi K., DEMİR İ., Matthews S.
SEED SCIENCE AND TECHNOLOGY, vol.38, no.1, pp.14-25, 2010 (SCI-Expanded)
- XXV. **Derivation of Constants (K-E, C-W) for the Viability Equation for Pepper Seeds and the Subsequent Test of Its Applicability**
DEMİR İ., Kenanoglu B. B., Mavi K., Celikkol T., Hay F., Sariyildiz Z.
HORTSCIENCE, vol.44, no.6, pp.1679-1682, 2009 (SCI-Expanded)
- XXVI. **Vigour tests for cabbage seeds using electrical conductivity and controlled deterioration to estimate relative emergence in transplant modules**
Matthews S., DEMİR İ., Celikkol T., Kenanoglu B. B., Mavi K.
SEED SCIENCE AND TECHNOLOGY, vol.37, no.3, pp.736-746, 2009 (SCI-Expanded)
- XXVII. **Improving seedling growth of unaged and aged aubergine seeds with smoke-derived butenolide**
DEMİR İ., Light M. E., Van Staden J., Kenanoglu B. B., Celikkol T.
SEED SCIENCE AND TECHNOLOGY, vol.37, no.1, pp.255-260, 2009 (SCI-Expanded)
- XXVIII. **Effect of Salt and Osmotic Stresses on the Germination of Pepper Seeds of Different Maturation Stages**
DEMİR İ., Mavi K.
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.51, no.5, pp.897-902, 2008 (SCI-Expanded)
- XXIX. **Mean germination time of pepper seed lots (Capsicum annum L.) predicts size and uniformity of seedlings in germination tests and transplant modules**
DEMİR İ., Ermis S., Mavi K., Matthews S.
SEED SCIENCE AND TECHNOLOGY, vol.36, no.1, pp.21-30, 2008 (SCI-Expanded)
- XXX. **Prediction of germination and vigour in naturally aged commercially available seed lots of cabbage (Brassica oleracea var. capitata) using the bulk conductivity method**
DEMİR İ., Mavi K., Kenanoglu B. B., Matthews S.
SEED SCIENCE AND TECHNOLOGY, vol.36, no.3, pp.509-523, 2008 (SCI-Expanded)
- XXXI. **Seed Quality, and Fatty Acid and Sugar Contents of Pepper Seeds (Capsicum annum L.) in Relation**

to Seed Development and Drying Temperatures

DEMİR İ., TEKİN A., Okmen A., Okcu G., Kenanoglu B. B.

TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.32, no.6, pp.529-536, 2008 (SCI-Expanded)

- XXXII. **Controlled deterioration and accelerated ageing tests to predict seedling emergence of watermelon under stressful conditions and seed longevity**
Mavi K., DEMİR İ.
SEED SCIENCE AND TECHNOLOGY, vol.35, no.2, pp.445-459, 2007 (SCI-Expanded)
- XXXIII. **Effect of Priming on Germination of Lagenaria siceraria Genotypes at Low Temperatures**
Kenanoglu B. B., DEMİR İ., Mavi K., YETİŞİR H., Keles D.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.13, no.3, pp.169-175, 2007 (SCI-Expanded)
- XXXIV. **Dry and ultra-dry storage of pepper, aubergine, winter squash, summer squash, bean, cowpea, okra, onion, leek, cabbage, radish, lettuce and melon seeds at -20 degrees C and 20 degrees C over five years**
DEMİR İ., Özcoban M.
SEED SCIENCE AND TECHNOLOGY, vol.35, no.1, pp.165-175, 2007 (SCI-Expanded)
- XXXV. **Changes in germination percentages, protein and lipid contents of primed pepper seeds during storage**
Basay S., Sürmeli N., Okcu G., DEMİR İ.
ACTA AGRICULTURAE SCANDINAVICA SECTION B-SOIL AND PLANT SCIENCE, vol.56, no.2, pp.138-142, 2006 (SCI-Expanded)
- XXXVI. **Controlled deterioration test for predicting seedling emergence and longevity of pepper (Capsicum annum L.) seed lots**
Basak O., DEMİR İ., Mavi K., Matthews S.
SEED SCIENCE AND TECHNOLOGY, vol.34, no.3, pp.701-712, 2006 (SCI-Expanded)
- XXXVII. **Controlled deterioration for vigour assessment and predicting seedling growth of winter squash (Cucurbita maxima) seed lots under salt stress**
Mavi K., DEMİR İ.
NEW ZEALAND JOURNAL OF CROP AND HORTICULTURAL SCIENCE, vol.33, no.2, pp.193-197, 2005 (SCI-Expanded)
- XXXVIII. **Vigour tests for predicting seedling emergence of aubergine (Solanum melongena L.) seed lots**
DEMİR İ., Ermis S., Okcu G., Matthews S.
SEED SCIENCE AND TECHNOLOGY, vol.33, no.2, pp.481-484, 2005 (SCI-Expanded)
- XXXIX. **Effect of post-harvest maturation treatment on germination and potential longevity of pepper (Capsicum annum) seeds**
Demir İ., Okcu G.
INDIAN JOURNAL OF AGRICULTURAL SCIENCES, vol.75, no.1, pp.19-22, 2005 (SCI-Expanded)
- XL. **The effect of priming on seedling emergence of differentially matured watermelon (Citrullus lanatus (Thunb.) Matsum and Nakai) seeds**
DEMİR İ., Mavi K.
SCIENTIA HORTICULTURAE, vol.102, no.4, pp.467-473, 2004 (SCI-Expanded)
- XLI. **Changes in germination and potential longevity of watermelon (Citrullus lanatus) seeds during development**
DEMİR İ., Mavi K., Öztokat C.
NEW ZEALAND JOURNAL OF CROP AND HORTICULTURAL SCIENCE, vol.32, no.1, pp.139-145, 2004 (SCI-Expanded)
- XLII. **Aerated hydration treatment for improved germination and seedling growth in aubergine (Solanum melongena) and pepper (Capsicum annum)**
DEMİR İ., Okcu G.
ANNALS OF APPLIED BIOLOGY, vol.144, no.1, pp.121-123, 2004 (SCI-Expanded)
- XLIII. **Improvement of okra seed germination by drying within the fruit during development and after-**

ripening treatment

DEMİR İ., Ermis S.

ACTA AGRICULTURAE SCANDINAVICA SECTION B-SOIL AND PLANT SCIENCE, vol.54, no.1, pp.38-41, 2004 (SCI-Expanded)

- XLIV. **Accelerated ageing test of aubergine, cucumber and melon seeds in relation to time and temperature variables**
DEMİR İ., Ozden Y., YILMAZ K.
SEED SCIENCE AND TECHNOLOGY, vol.32, no.3, pp.851-855, 2004 (SCI-Expanded)
- XLV. **Seed quality in winter squash (*Cucurbita maxima* L.) seeds stored at high moisture content in the fruit after harvest**
DEMİR İ., Eraslan K., Sariyildiz Z.
EUROPEAN JOURNAL OF HORTICULTURAL SCIENCE, vol.68, no.5, pp.201-203, 2003 (SCI-Expanded)
- XLVI. **Effect of controlled hydration treatment on germination and seedling growth under salt stress during development in tomato seeds**
DEMİR İ., Ermis S.
EUROPEAN JOURNAL OF HORTICULTURAL SCIENCE, vol.68, no.2, pp.53-58, 2003 (SCI-Expanded)
- XLVII. **Effect of salt priming on germination and seedling growth at low temperatures in watermelon seeds during development**
DEMİR İ., Oztokat C.
SEED SCIENCE AND TECHNOLOGY, vol.31, no.3, pp.765-770, 2003 (SCI-Expanded)
- XLVIII. **Effect of controlled hydration treatments on storage longevity of aubergine seeds during development**
DEMİR İ., Mavi K.
ISRAEL JOURNAL OF PLANT SCIENCES, vol.51, no.4, pp.291-295, 2003 (SCI-Expanded)
- XLIX. **Effect of salt stress on germination and seedling growth in serially harvested aubergine (*Solanum melongena* L.) seeds during development**
DEMİR İ., Mavi K., Ozcoban M., Okcu G.
ISRAEL JOURNAL OF PLANT SCIENCES, vol.51, no.2, pp.125-131, 2003 (SCI-Expanded)
- L. **Effect of controlled hydration treatment on quality of aubergine seeds following storage.**
DEMİR İ.
PHYTON-ANNALES REI BOTANICAE, vol.43, no.2, pp.307-317, 2003 (SCI-Expanded)
- LI. **Seed development and maturation in aubergine (*Solanum melongena* L.)**
DEMİR İ., Mavi K., Sermenli T., Ozcoban M.
GARTENBAUWISSENSCHAFT, vol.67, no.4, pp.148-154, 2002 (SCI-Expanded)
- LII. **The effect of controlled hydration treatment on germination and seedling emergence of unaged and aged pepper seeds during development**
DEMİR İ.
ISRAEL JOURNAL OF PLANT SCIENCES, vol.50, no.4, pp.251-257, 2002 (SCI-Expanded)
- LIII. **Quality of tomato seeds as affected by fruit maturity at harvest and seed extraction method**
DEMİR İ., Samit Y.
GARTENBAUWISSENSCHAFT, vol.66, no.4, pp.199-202, 2001 (SCI-Expanded)
- LIV. **The effects of heat treatment on hardseededness of serially harvested okra seed lots at optimum and low temperatures**
DEMİR İ.
SCIENTIA HORTICULTURAE, vol.89, no.1, pp.1-7, 2001 (SCI-Expanded)
- LV. **Seed quality in relation to fruit maturation and seed dry weight during development in tomato**
DEMİR İ., Samit Y.
SEED SCIENCE AND TECHNOLOGY, vol.29, no.2, pp.453-462, 2001 (SCI-Expanded)
- LVI. **The effect of heat treatment of watermelon seed on germination, hypocotyl emergence and abscisic acid content**
Demir İ., Van de Venter H.

- EXPERIMENTAL AGRICULTURE, vol.36, no.4, pp.453-458, 2000 (SCI-Expanded)
- LVII. **The effect of priming treatments on the performance of watermelon (*Citrullus lanatus* (Thunb.) Matsum. & Nakai) seeds under temperature and osmotic stress**
DEMİR İ., van de Venter H.
SEED SCIENCE AND TECHNOLOGY, vol.27, no.3, pp.871-875, 1999 (SCI-Expanded)
- LVIII. **Seed moisturization as an enhancement treatment for emergence and seedling growth in bean (*Phaseolus vulgaris* L.)**
Demir İ., Gunay A., Ceylan Y.
SEED SCIENCE AND TECHNOLOGY, vol.26, no.2, pp.281-288, 1998 (SCI-Expanded)
- LIX. **The effects of testa colour temperature and seed moisture content on the occurrence of imbibition damage in beans**
DEMİR İ.
Turkish Journal of Agriculture and Forestry, vol.20, no.4, pp.295-298, 1996 (SCI-Expanded)
- LX. **DEVELOPMENT OF PEPPER (*CAPSICUM-ANNUUM*) SEED QUALITY**
DEMİR İ., ELLIS R.
ANNALS OF APPLIED BIOLOGY, vol.121, no.2, pp.385-399, 1992 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of ultrasonic treatment on seed germination and seedling emergence in seven vegetable species**
Memiş N., MUHİE S., Njie E. S., ŞAHİN G., DEMİR İ.
Anadolu Tarım Bilimleri Dergisi, vol.37, no.1, pp.57-66, 2022 (Peer-Reviewed Journal)
- II. **Can raw zeolite be used for post harvest pepper seed drying?**
Özdamar C., Yıldırım K. C., Ermiş S., Demir İ.
International Journal of Agriculture, Environment and Food Sciences, vol.6, no.3, pp.340-345, 2022 (Peer-Reviewed Journal)
- III. **Vacuum Versus Open Air Storage for Pepper (*Capsicum annum* L.) Seed Longevity with Low Temperature and Seed Moisture Content Over 48 Months**
Yıldırım K. C., Öztürk A., Demir İ.
Horticultural Studies, vol.38, no.2, pp.110-115, 2021 (Peer-Reviewed Journal)
- IV. **Wood Charcoal and Ash to Maintain Seed Quality during Storage for Vegetable Seeds**
Njie E. S., Memiş N., Özdamar C., Demir İ.
Horticultural Studies, vol.38, no.2, pp.94-100, 2021 (Peer-Reviewed Journal)
- V. **Effect of hydro-priming on seed germination and early seedling growth in three cucurbit rootstock cultivars under salt and osmotic stresses**
ERMİŞ S., Öktem G., GÖKDAŞ Z., DEMİR İ.
Journal of Agricultural Biotechnology, vol.2, no.1, pp.1-5, 2021 (Peer-Reviewed Journal)
- VI. **Longevity of cabbage leek and marrow seeds in relation to storage at ambient regional storage temperatures with various seed moisture contents**
DEMİR İ., MAVİ K., GÖKDAŞ Z., KÖSE E.
Alatarım, vol.20, no.1, pp.1-11, 2021 (Peer-Reviewed Journal)
- VII. **Radicle emergence test predicts normal germination percentages of onion seed lots with different cultivars and genotypes**
DEMİR İ., ÖZDEN E., Gökdaş Z., Njie E. S., Aydın M.
MUSTAFA KEMAL UNIVERSITY JOURNAL OF AGRICULTURAL SCIENCES (MKUJAS), vol.25, no.3, pp.434-442, 2020 (Peer-Reviewed Journal)
- VIII. **Effect of solid matrix priming with seaweed extract on germination and seedling performance of onion seeds under abiotic stress conditions**
DEMİR İ., Memiş N., Muhie S., Ozdamar C., Gokdas Z., Njie E.

Black Sea Journal of Agriculture, vol.3, no.4, pp.233-238, 2020 (Peer-Reviewed Journal)

- IX. **Changes in seed germination during storage of flower seeds : Species differences**
DEMİR İ., Gokdas Z., Türer Eken N. I.
Uluslararası Tarım ve Yaban Hayatı Bilimleri Dergisi, vol.6, no.3, pp.416-422, 2020 (Peer-Reviewed Journal)
- X. **Evaluation of Seed Vigour in White Coat French Bean (*Phaseolus vulgaris* L.) Seed Lots Under Waterlogged or Field Capacity Conditions**
ÖZDEN E., ERMİŞ S., DEMİR İ.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.9, no.4, pp.1860-1865, 2019 (Peer-Reviewed Journal)
- XI. **The Effect of Fluid Drilling on Seedling Quality of Cucurbit Rootstock Seeds at Low Temperature Sowing**
Özden E., Ermiş S., Küçük Hüseyin E. B., Demir I.
Alatarım, vol.17, no.2, pp.128-133, 2018 (Peer-Reviewed Journal)
- XII. **AFTER-RIPENING INCREASED SEED GERMINATION IN COMMERCIAL AUBERGINE SEED LOTS**
ÖZDEN E., DEMİR İ.
Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture, vol.75, no.1, pp.53-58, 2018 (Peer-Reviewed Journal)
- XIII. **Klorofil Floresan Ayrım Metodunun Tohum Kalitesinin İyileştirilmesinde Kullanımı**
DEMİR İ., KENANOĞLU B. B.
TÜRKTÖB Türkiye Tohumcular Birliği Dergisi, 2018 (Peer-Reviewed Journal)
- XIV. **Seed priming increases germinations and seedling quality in Antirrhinum, Dahia, Impatiens, Salvia and Zinnia Seeds**
Özden E., Ermiş S., Demir I.
Journal of Ornamental Plants, vol.7, no.3, pp.171-176, 2017 (Peer-Reviewed Journal)
- XV. **The Effect of Priming Treatments on Germination and Seedling Performance of Purslane (*Portulaca oleracea*) Seed Lots**
ÖZDEN E., DEMİR İ.
Bulletin of University of Agricultural Science and Veterinary Medicine Cluj-Napoca. Horticulture, 2017 (Peer-Reviewed Journal)
- XVI. **GA3 ENHANCED SEED GERMINATION OF SOLANUM TORVUM**
ÖZDEN E., DEMİR İ.
Radovi Poljoprivredno-prehrambenog fakulteta Univerziteta u Sarajevu, vol.61, no.66, pp.316-320, 2016 (Peer-Reviewed Journal)
- XVII. **Pre treatment Germination Percentages Affected the Advantage of Priming Treatment in Pepper Seeds**
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Activities in Scientific Journals

Horticulture Studies, Advisory Committee Member, 2021 - Continues
SEED SCIENCE AND TECHNOLOGY, Committee Member, 2012 - Continues
SOUTH AFRICAN JOURNAL OF BOTANY, Committee Member, 2017 - 2024
TUBİTAK Tarım ve Ormanlık Dergisi, Committee Member, 2008 - 2015
TARIM BİLİMLERİ DERGİSİ, Committee Member, 2008 - 2011

Memberships / Tasks in Scientific Organizations

International Seed Testing Association, Member of Science Committee, 2012 - Continues, Switzerland
Bahçe Bitkileri Derneği, Principal Member, 2000 - Continues, Turkey

Scientific Refereeing

AGRONOMY, SCI Journal, May 2024
AGRONOMY, Journal Indexed in SCI-E, March 2024
LIFE-BASEL, Journal Indexed in SCI-E, March 2024
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, February 2024
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TAGEM Tarımsal Arařtırmalar ve Politikalar Genel M¼d¼rl¼ę¼ Projesi, Ankara niversitesi, Turkey, February 2024
PLANTS, Journal Indexed in SCI-E, October 2023
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Tasks In Event Organizations

Demir I., INTERNATIONAL PLANT GENETIC RESOURCES SYMPOSIUM, Scientific Congress, İzmir, Turkey, Kasım 2023
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Mobility Activity

Other, Guest Researcher, Bogor Agricultural University, Indonesia, 2019 - 2019
Other Exchange Programme, Guest Researcher, University of Faisalabad, Pakistan, 2018 - 2018
Other, Guest Researcher, Volcani Center, Israel, 2013 - 2013
Erasmus Programme, Lecturing, Univesrity of Life Sciences , Czech Republic, 2013 - 2013
Other, Guest Researcher, Indian Research Institute, India, 2012 - 2012
Other Exchange Programme, Guest Researcher, Tarımsal Arařtırma Enstit¼s¼, India, 2012 - 2012
Other, Scientific Research, Massey University, New Zealand, 2012 - 2012
Post Doc, Post Doc, University of Pretoria, South Africa, 1998 - 1998
Sabbatical Leave, Post Doc, Pretoria niversitesi, South Africa, 1995 - 1995

Metrics

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Congress and Symposium Activities

ISTA Seed Sempozyum, Attendee, Budapest, Hungary, 2004

Invited Talks

TOHUM ALIřTAYI, Workshop, T. İř BANKASI, Turkey, June 2023
Tohum canlılıęını neden erken kaybeder, Conference, Tohumculuk sekt¼r¼n¼n eęitimi, Turkey, February 2021
Tohum kalitesi: Bařarılı bir sebze tarımının vazgeçilmez unsuru, Conference, Erciyes niversitesi, Turkey, September 2019

Scholarships

Doktora Bursu, TUBITAK, 1988 - 1992