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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, Turkey 2017 - 2024

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü/ Orman Fakültesi, Orman Mühendisliği Bölümü/
Silvikültür Anabilim Dalı, Turkey 2014 - 2017

Undergraduate, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği Bölümü, Turkey 2009 - 2014

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Doğu Kayını (*Fagus orientalis* Lipsky) Fidanlarının Gelişimi ile Arazi Performansı Üzerine Ekim Sıklığı,
Kombine Ekim ve Organik Gübrelerin Etkileri, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, 2024

Postgraduate, Bazı Süs Bitkisi Türlerinin Çelik ile Köklendirilmesinde Farklı Ortam ve Hormon Etkilerinin Araştırılması,
Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, 2017

Research Areas

Forestry, Forest engineering, Silviculture, Silviculture Technique, Forestation, Biological Principles of Silviculture, Forest Genetics and Tree Breeding, Forest Care, Seed Physiology and Technology, Nursery and Breeding Techniques

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- The Effects of Different Rooting Temperatures and Phytohormones on the Propagation of Boxwood Cuttings**

Güney D., Bayraktar A., Atar F., Chavoshi S. H., Turna İ.

- BALTIC FORESTRY, vol.29, no.1, pp.1-8, 2023 (SCI-Expanded)
- II. **The Effects of Different Factors on Propagation by Hardwood Cuttings of Some Coniferous Ornamental Plants**
Güney D., Bayraktar A., Atar F., Turna İ.
SUMARSKI LIST, vol.145, no.9-10, pp.467-477, 2021 (SCI-Expanded)
 - III. **The effects of temperature and exogenous auxin on cutting propagation of some junipers**
Güney D., Chavoshi S. H., Bayraktar A., Atar F.
Dendrobiology, vol.86, pp.29-38, 2021 (SCI-Expanded)
 - IV. **Effects of different genders and hormones on stem cuttings of Salix anatolica**
Yıldırım N., Bayraktar A., Atar F., Güney D., Öztürk M., Turna İ.
JOURNAL OF SUSTAINABLE FORESTRY, vol.39, pp.300-308, 2020 (SCI-Expanded)
 - V. **GENETIC DIVERSITY OF Picea orientalis (L.) LINK POPULATIONS IN TURKEY**
Güney D., Yahyaoglu Z., Bayraktar A., Atar F., Turna İ.
SUMARSKI LIST, vol.143, pp.539-547, 2019 (SCI-Expanded)
 - VI. **EFFECTS OF DIFFERENT MEDIA AND HORMONES ON PROPAGATION BY CUTTINGS OF EUROPEAN YEWE (Taxus baccata L.)**
Bayraktar A., Atar F., Yıldırım N., Turna İ.
SUMARSKI LIST, vol.142, pp.509-516, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Morphogenetic Variations of Pinus sylvestris L. Seedlings Depending on Altitude**
Güney D., Atar F., Turna İ., Bayraktar A.
Ormançılık Araştırma Dergisi, vol.10, no.1, pp.80-89, 2023 (Peer-Reviewed Journal)
- II. **Kırmızı yapraklı Japon akçaağacının çelikle üretilmesinde farklı sera ortamları ile oksinlerin etkileri**
Bayraktar A., Güney D., Chavoshi S. H.
Ormançılık Araştırma Dergisi, no.9, pp.9-15, 2022 (Peer-Reviewed Journal)
- III. **Influence of Precommercial Thinning on Growth Parameters in Fraxinus Angustifolia Vahl. Plantations**
Güney D., Atar F., Turna İ., Bayraktar A., Günlü A.
Turkish Journal of Forest Science, vol.5, no.2, pp.339-351, 2021 (Peer-Reviewed Journal)
- IV. **Effects of different phytohormones on the rooting of azalea (Azalea sp.) cuttings**
Güney D., Bayraktar A., Atar F., Turna İ.
Ormançılık Araştırma Dergisi, vol.8, no.1, pp.80-87, 2021 (Peer-Reviewed Journal)
- V. **Seasonal Change of Chlorophyll Content (Spad value) in Some Tree and Shrub Species**
Atar F., Güney D., Bayraktar A., Yıldırım N., Turna İ.
Turkish journal of forest science (Online), vol.4, no.2, pp.245-256, 2020 (Peer-Reviewed Journal)
- VI. **Effects of root undercutting, fertilization and thinning on seedling growth and quality of oriental beech (Fagus orientalis Lipsky) seedlings**
Güney D., Bayraktar A., Atar F., Turna İ.
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.21, no.2, pp.214-222, 2020 (Peer-Reviewed Journal)
- VII. **Phenological observations belonging to vegetation period of some native and exotic plant species in KTU Kanuni Campus**
TURNA İ., BAYRAKTAR A., YILDIRIM N., ORAL M.
Siberian Journal of Forest Science, pp.58-65, 2020 (Peer-Reviewed Journal)
- VIII. **Fruit and Seed Diversity of Smilax excelsa in the Black Sea Region, Turkey**
Atar F., Bayraktar A., Yıldırım N., Turna İ., Güney D.
Turkish Journal of Forestry Research, vol.7, no.1, pp.1-8, 2020 (Peer-Reviewed Journal)
- IX. **Effects of some nitrogen-fixing plants on seedling growth of scotch pine**
GÜNEY D., Seyis E., ATAR F., BAYRAKTAR A., TURNA İ.

TURKISH JOURNAL OF FORESTRY, vol.20, no.4, pp.284-289, 2019 (Peer-Reviewed Journal)

- X. **Floristic characteristics of *Arbutus unedo* L. and *Arbutus andrachne* L. as Medicinal Plants**
Yıldırım N., Atar F., Turna H., Bayraktar A., Turna İ.
Works of the Faculty of Forestry University of Sarajevo, vol.48, no.1, pp.56-63, 2018 (Peer-Reviewed Journal)
- XI. **Determination of Germination Characteristics of *Calligonum polgonoides* and *Koelreuteria paniculata* Seeds**
ATAR F., BAYRAKTAR A., YILDIRIM N., TURNA İ.
Works of the Faculty of Forestry University of Sarajevo, vol.48, no.2, pp.33-40, 2018 (Peer-Reviewed Journal)
- XII. **Effects of some auxins on propagation by hardwood cutting of Autumn Olive (*Elaeagnus umbellata* Thunb.)**
BAYRAKTAR A., YILDIRIM N., ATAR F., TURNA İ.
Turkish Journal of Forestry Research, vol.5, no.2, pp.112-116, 2018 (Peer-Reviewed Journal)
- XIII. ***Weigela floribunda* ve *Spiraea x vanhouttei*'nin çelik ile üretilmesinde farklı sera ortamları ve büyüme hormonlarının köklenme üzerine etkileri**
Yücesan Z., Üçler A. Ö., Oktan E., Bayraktar A., Şafak T.
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.19, no.1, pp.27-34, 2018 (Peer-Reviewed Journal)
- XIV. **Comparison of differently originated oriental beech (*Fagus orientalis* Lipsky) seedling growth in field**
GÜNEY D., TURNA İ., BAYRAKTAR A., SEYİS E., ATAR E.
Biological Diversity and Conservation, vol.9, no.2, pp.10-18, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Morphological Characteristics and Quality Classification of *Picea orientalis* (L.) Link Seedlings at Different Ages**
Atar F., Bayraktar A.
in: Academic Analysis and Discussions in Agriculture, Forestry and Fisheries, Derya Güloğlu, Editor, Yaz Yayınları, Afyonkarahisar, pp.163-178, 2023
- II. **Hibrit Kavak (*Populus nigra* L. X *P. maximowiczii* A. Henry 'NM6') Çeliklerinden Üretilen Fidanlarda Farklı Gübre Uygulamalarının Yaprak Morfolojisi Üzerine Etkisi**
Güney D., Atar F., Bayraktar A.
in: Ziraat ve Orman ve Su Ürünleri Alanında Uluslararası Araştırma ve Değerlendirmeler Cilt 2, Koray Özrenk, Editor, Serüven Yayınevi, Ankara, pp.53-70, 2023
- III. **Determination of Chlorophyll Content Variation Dependent on Direction and Species Using a Portable Chlorophyll Meter (SPAD)**
Atar F., Bayraktar A., Güney D.
in: Academic Analysis and Discussions in Agriculture, Forestry and Fisheries, Derya Güloğlu, Editor, Yaz Yayınları, Afyonkarahisar, pp.145-161, 2023
- IV. ***Pinus sylvestris* L. Fidanlarına İlişkin Bazı Morfolojik Karakterlerin Yükseltiye Bağlı Değişimi**
Güney D., Bayraktar A.
in: Ziraat, Orman ve Su Ürünleri Alanında Uluslararası Araştırmalar, Prof. Dr. Taner AKAR, Dr. Öğr. Üyesi İlhami TOZLU, Editor, Serüven yayınevi, İzmir, pp.157-173, 2022
- V. **Doğu Kayını Fidanlarının Bazı Morfolojik ve Fizyolojik Özellikleri Üzerine Azot Bağlayıcı Kızılağaç ile Kombine Ekimin Etkileri**
Bayraktar A., Güney D.
in: Ziraat, Orman ve Su Ürünleri Alanında Uluslararası Araştırmalar, Prof. Dr. Taner AKAR, Dr. Öğr. Üyesi İlhami TOZLU, Editor, Serüven yayınevi, İzmir, pp.1-18, 2022
- VI. **Klorofil İçeriğinin Tespitinde Ekstraksiyon Yöntemi ve Klorofilmetre (Spad) Ölçümleri Arasındaki İlişki**
Atar F., Bayraktar A.

in: ZİRAAT, ORMAN VE SU ÜRÜNLERİ ALANINDA ULUSLARARASI ARAŞTIRMALAR IV, Mehmet Çolak, Editor, Eğitim Yayınevi, Konya, pp.5-23, 2022

VII. **Farklı Nanoteknolojik Sıvı Organomineral Gübre Dozlarının Doğu Kayını Fidanlarının Fotosentetik Pigment İçerikleri Üzerine Etkileri**

Bayraktar A., Güney D., Atar F.

in: Ziraat, Orman ve Su Ürünlerinde Araştırma ve Değerlendirmeler - I, Prof. Dr. İbrahim Cengizler, Doç. Dr. Selçuk Duman, Editor, Gece Kitaplığı, Ankara, pp.267-284, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Effects of different nanotechnological fertilizer applications on SPAD value in Fagus orientalis leaves**
Bayraktar A., Atar F.
4th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 24 - 26 November 2021, pp.331
- II. **The Change of Photosynthetic Pigments of Liquidambar orientalis in Summer Period**
Atar F., Bayraktar A.
3rd International Symposium on Biodiversity Research, Erzurum, Turkey, 20 - 22 October 2021, pp.68
- III. **Ege Bölgesindeki Tıbbi ve Aromatik Bitkilerin Agroforestry Uygulamaları Açısından Önemi**
TURNA İ., GÜNEY D., YILDIRIM N., BAYRAKTAR A.
III. International Mediterranean Forest and Environment Symposium, Kahramanmaraş, Turkey, 3 - 05 October 2019, pp.369-373
- IV. **Phenological Observations related to Growing Periods of Some Ginkgo biloba L. and Cercis siliquastrum L. Individuals**
YILDIRIM N., BAYRAKTAR A., ATAR F., GÜNEY D.
III. International Mediterranean Forest and Environment Symposium, Kahramanmaraş, Turkey, 3 - 05 October 2019, pp.69
- V. **Stand Structure of Quercus pontica K.Koch in Trabzon Region**
YILDIRIM N., TURNA İ., BAYRAKTAR A.
International Symposium "People-Forest-Science", Sarajevo, Bosnia And Herzegovina, 10 - 12 October 2018, pp.84
- VI. **Effects of Cutting Types and IBA Treatment on Propagation by Hardwood Cuttings of Tilia platyphyllos**
BAYRAKTAR A., ATAR F., KARAPINAR S., ÜÇLER A. Ö.
4th Non-Wood Forest Products Symposium, Bursa, Turkey, 4 - 06 October 2018, pp.23
- VII. **Evaluation of Non-Wood Forest Products in Agroforestry Applications in Marmara Region, Turkey**
TURNA İ., YILDIRIM N., BAYRAKTAR A., ATAR F.
4th Non-Wood Forest Products Symposium, Bursa, Turkey, 4 - 06 October 2018
- VIII. **Leaf Variations of Strawberry Tree (Arbutus unedo L.) in the Black Sea Region of Turkey**
BAYRAKTAR A., ATAR F., YILDIRIM N., TURNA İ.
4th Non-Wood Forest Products Symposium, Bursa, Turkey, 4 - 06 October 2018
- IX. **Effects of Different Rooting Media and Hormones on Propagation by Softwood Cuttings of Elaeagnus umbellata**
Bayraktar A., Yildırım N., Atar F., Turna İ.
4th Non-Wood Forest Products Symposium, Bursa, Turkey, 4 - 06 October 2018, pp.7
- X. **Variations in Eastern Strawberry Tree (Arbutus andrachne L.) related to Some Leaf Characteristics**
BAYRAKTAR A., ATAR F., YILDIRIM N., TURNA İ.
International Congress on Engineering and Life Sciences-ICELIS 2018, Kastamonu, Turkey, 26 - 29 April 2018
- XI. **Shoot Growth in Anatolian Chestnut (Castanea sativa Mill.) Forests Operated as Short Rotation**
Turna İ., Atar F., Bayraktar A.
International Congress on Engineering and Life Sciences, Kastamonu, Turkey, 26 - 29 April 2018, pp.214
- XII. **Growth Performance in Seedlings of Common Hornbeam (Carpinus betulus L.) in Nursery**

Conditions

ATAR F., ATAR E., BAYRAKTAR A., TURNA İ.

International Congress on Engineering and Life Sciences, Kastamonu, Turkey, 26 - 29 April 2018

XIII. **Morphological Diversity of Common Hornbeam (*Carpinus betulus* L.) Seeds in the Eastern Black Sea Region of Turkey**

ATAR F., BAYRAKTAR A., Atar E., TURNA İ.

International Forestry and Environment Symposium, Trabzon, Turkey, 7 - 10 November 2017, pp.203

XIV. **Silvicultural Viewpoint to Chestnut (*Castanea sativa* Mill.) Forest in Turkey**

TURNA İ., ATAR F., BAYRAKTAR A., TURNA H.

International Forestry and Environment Symposium, Trabzon, Turkey, 7 - 10 November 2017, pp.209

XV. **The Effects of Rooting Media and Some Auxins on Propagation by Cutting of *Cryptomeria japonica* D.Don. 'Elegans' (Henk&Hochst.) Mast.**

Bayraktar A., Yıldırım N., Atar F., Turna İ.

International Forestry and Environment Symposium, Trabzon, Turkey, 7 - 10 November 2017, pp.202

XVI. **The effect of pretreatments on the germination speed of common hornbeam (*Carpinus betulus* L.) seeds in the Eastern Black Sea Region, Turkey**

ATAR F., Atar E., BAYRAKTAR A., TURNA İ.

International Symposium on New Horizons in Forestry, Isparta, Turkey, 18 - 20 October 2017, pp.404

XVII. **Seed Characteristics and Cutting Propagation of Alder Buckthorn (*Frangula dodonei* Ard. subsp. *dodonei*) with Medicinal and Aromatic Importance**

YILDIRIM N., BAYRAKTAR A., ATAR F.

1st International Congress on Medicinal And Aromatic Plants, Konya, Turkey, 9 - 12 May 2017, pp.826

XVIII. **Seed Characteristics, Germination and Usage Areas of *Ephedra foemina* Forssk.**

Turna İ., Bayraktar A.

1st International Congress on Medicinal and Aromatic Plants, Konya, Turkey, 9 - 12 May 2017

XIX. **Magnolia liliiflora türünün çelik ile köklendirilmesi üzerine farklı sera ortamı ve hormonların etkisi**

GÜNEY D., Chavoshi S. H., BAYRAKTAR A.

VI. Süs Bitkileri Kongresi, Antalya, Turkey, 19 - 22 April 2016, pp.19

Supported Projects

Güney D., Turna İ., Bayraktar A., Atar F., Project Supported by Higher Education Institutions, Doğu Kayını (*Fagus orientalis* Lipsky) Fidanlarının Gelişimi ile Arazi Performansı Üzerine Ekim Sıklığı, Kombine Ekim ve Organik Gübrelerin Etkileri, 2020 - 2024

GÜNEY D., TURNA İ., BAYRAKTAR A., ATAR F., Project Supported by Higher Education Institutions, Bazı Süs Bitkisi Türlerinin Çelik ile Köklendirilmesinde Farklı Sera ve Köklendirme Ortamı ile Hormon Etkilerinin Araştırılması, 2016 - 2019

Scientific Refereeing

JOURNAL OF PLANT GROWTH REGULATION, Journal Indexed in SCI-E, February 2023

JOURNAL OF PLANT GROWTH REGULATION, Journal Indexed in SCI-E, January 2023

JOURNAL OF PLANT GROWTH REGULATION, Journal Indexed in SCI-E, November 2022

JOURNAL OF PLANT GROWTH REGULATION, Journal Indexed in SCI-E, October 2022

JOURNAL OF PLANT GROWTH REGULATION, Journal Indexed in SCI-E, September 2022

BALTIC FORESTRY, Journal Indexed in SCI-E, May 2022

Metrics

Publication: 46
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Citation (Scopus): 19
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H-Index (Scopus): 3

Congress and Symposium Activities

3rd International Symposium on Biodiversity Research, Attendee, Erzurum, Turkey, 2021
International Symposium "People-Forest-Science" (PEFOSS), Attendee, Sarajevo, Bosnia And Herzegovina, 2018
4th Non-Wood Symposium, Attendee, Bursa, Turkey, 2018
International Congress on Engineering and Life Science, Attendee, Kastamonu, Turkey, 2018
International Forestry and Environment Symposium, Attendee, Trabzon, Turkey, 2017
1st International Congress on Medicinal and Aromatic Plants, Attendee, Konya, Turkey, 2017
VI. Ss Bitkileri Kongresi, Attendee, Antalya, Turkey, 2016
10th International Beech Symposium, Attendee, Kastamonu, Turkey, 2015