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Personal Information

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International Researcher IDs

ORCID: 0000-0003-1862-9192

Publons / Web Of Science ResearcherID: K-4295-2014

ScopusID: 18037439800

Yoksis Researcher ID: 17108

Education Information

Doctorate, Istanbul University, Institute Of Graduate Studies In Sciences, Turkey 1998 - 2004

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, Training on the tree inspection methods (Picus caliper, Picus sonic tomograph, Picus Treetric (Electric Resistance Tomography), Argus Electronic GmbH ve ABC Laboratuvar Cihazları Ltd. Şti., 2015

R&D Management, Fen Bilimlerinde Disiplinler arası Proje Hazırlama Eğitimi, Süleyman Demirel Üniversitesi, 2014

Vocational Training, AB (Avrupa Birliği) Mali Yardımları, Isparta Valiliği, 2009

Vocational Training, Tahribatsız muayene-x-ray densitometri, North Carolina State University, 2007

Research Areas

Forest Industry Engineering, Wood Mechanics and Technology

Academic Titles / Tasks

Professor, Çanakkale Onsekiz Mart University, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Tasarım, 2019 - Continues

Associate Professor, Çanakkale Onsekiz Mart University, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Malzeme ve Malzeme İşleme Teknolojileri, 2017 - 2019

Academic and Administrative Experience

Head of Department, Canakkale Onsekiz Mart University, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Tasarım, 2019
- Continues
Head of Department, Canakkale Onsekiz Mart University, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Malzeme ve Malzeme İşleme Teknolojileri, 2017 - Continues
Vice Dean, Suleyman Demirel University, Orman Fakültesi, Orman Endüstri Mühendisliği Bölümü, 2007 - 2008

Advising Theses

İçel B., Isıl işlem görmüş ağaç malzemenin bazı fiziksel ve mekanik özelliklerinin belirlenmesi: İroko örneği, Postgraduate, A.BERAM(Student), 2015
İçel B., Isıl işlem görmüş ağaç malzemenin bazı teknolojik özelliklerinin belirlenmesi, Postgraduate, O.İŞLEYEN(Student), 2012
İçel B., Dar mutfaklarda fonksiyonel alan kullanımı için masa-sandalye tasarımı, Postgraduate, K.KAYAHAN(Student), 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **USABILITY OF FRACTOMETER FOR THE PURPOSE OF A PRACTICAL PRELIMINARY ASSESSMENT TOOL FOR WOOD DENSITY OF *Pinus brutia***
İÇEL B.
Maderas: Ciencia y Tecnologia, vol.26, 2024 (SCI-Expanded)
- II. **Recent growth trends of black pine (*Pinus nigra* JF Arnold) in the eastern mediterranean**
JANSSEN E., Kint V., Bontemps J., Ozkan K., Mert A., KÖSE N., Icel B., MUYS B.
FOREST ECOLOGY AND MANAGEMENT, vol.412, pp.21-28, 2018 (SCI-Expanded)
- III. **Effects of Industrial Heat Treatment on Some Physical and Mechanical Properties of Iroko Wood**
Icel B., BERAM A.
DRVNA INDUSTRIJA, vol.68, no.3, pp.229-239, 2017 (SCI-Expanded)
- IV. **Alkali Modification of Cotton (*Gossypium hirsutum* L.) Stalks and its Effect on Properties of Produced Particleboards**
Yasar S., Icel B.
BIORESOURCES, vol.11, no.3, pp.7191-7204, 2016 (SCI-Expanded)
- V. **Nondestructive determination of spruce lumber wood density using drilling resistance (Resistograph) method**
Icel B., Guler G.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.40, no.6, pp.900-907, 2016 (SCI-Expanded)
- VI. **Effects of industrial heat treatment on the properties of spruce and pine woods**
Icel B., Guler G., Isleyen O., Beram A., Mutlubas M.
BioResources, vol.10, no.3, pp.5140-5158, 2015 (SCI-Expanded)
- VII. **Variations in the radial growth and wood density components in relation to cambial age in 30-year-old *Pinus brutia* Ten. at two test sites**
Guller B., Isik K., Cetinay S.
TREES-STRUCTURE AND FUNCTION, vol.26, no.3, pp.975-986, 2012 (SCI-Expanded)
- VIII. **Consumer preferences for medicinal and aromatic plant products: Surveys of urban consumers and sellers in western mediterranean region of Turkey**
Korkmaz M., FAKİR H., Guller B.
JOURNAL OF MEDICINAL PLANTS RESEARCH, vol.5, no.10, pp.2054-2063, 2011 (SCI-Expanded)
- IX. **GENETIC VARIATION IN *PINUS BRUTIA* TEN.: WOOD DENSITY TRAITS**
Guller B., Isik K., Cetinay S.
BIORESOURCES, vol.6, no.4, pp.4012-4027, 2011 (SCI-Expanded)

- X. **Estimation of Pinus brutia Ten. wood density from Fourier Transform Infrared (FTIR) spectroscopic bands by Artificial Neural Network (ANN)**
Guller B., Yasar S.
SCIENTIFIC RESEARCH AND ESSAYS, vol.5, no.13, pp.1765-1769, 2010 (SCI-Expanded)
- XI. **TURKEY'S NATIVE WOOD SPECIES: PHYSICAL AND MECHANICAL CHARACTERIZATION AND SURFACE ROUGHNESS OF ROWAN (SORBUS AUCUPARIA L.)**
Korkut S., Guller B., Aytin A., Kok M. S.
WOOD RESEARCH, vol.54, no.2, pp.19-30, 2009 (SCI-Expanded)
- XII. **Physical and mechanical properties of European Hophornbeam (Ostrya carpinifolia Scop.) wood**
Korkut S., Guller B.
BIORESOURCE TECHNOLOGY, vol.99, no.11, pp.4780-4785, 2008 (SCI-Expanded)
- XIII. **The effects of heat treatment on physical properties and surface roughness of red-bud maple (Acer trautvetteri Medw.) wood**
Korkut D. S., Guller B.
BIORESOURCE TECHNOLOGY, vol.99, no.8, pp.2846-2851, 2008 (SCI-Expanded)
- XIV. **The effects of thinning treatments on density, MOE, MOR and maximum crushing strength of Pinus brutia Ten. wood**
Guller B.
ANNALS OF FOREST SCIENCE, vol.64, no.4, pp.467-475, 2007 (SCI-Expanded)
- XV. **Comparison of two drying schedules for European hophornbeam (Ostrya carpinifolia Scop.) lumber**
Korkut S., Guller B.
DRYING TECHNOLOGY, vol.25, no.12, pp.1977-1984, 2007 (SCI-Expanded)
- XVI. **Some mechanical properties of Alder [Alnus glutinosa subsp. barbata (C. A. Mey.) Yalt.] Wood obtained from Artvin region Artvin Yöresi Sakalli Kizilağac [Alnus glutinosa subsp. barbata (C.A. Mey.) Yalt.] Odununun Bazı Mekanik Özellikleri**
Güller B., Ay N.
Turkish Journal of Agriculture and Forestry, vol.25, no.2, pp.129-138, 2001 (SCI-Expanded)

Articles Published in Other Journals

- I. **Isıl İşlem Görmüş Ahşap Malzemenin Arıkovanı Üretiminde Kullanılabilirliğinin Araştırılması**
İÇEL B., YALÇINKAYA M., ŞİMŞEK Y.
Turkish Journal of Forestry, vol.19, no.4, pp.428-434, 2018 (Peer-Reviewed Journal)
- II. **Kızılçam (Pinus brutia Ten.) popülasyonlarında odun yoğunluğu ve radyal büyüme performansının Shigometer ile belirlenebilme imkanının araştırılması**
İÇEL B.
Turkish Journal of Forestry (Türkiye Ormanlık Dergisi), vol.18, no.3, pp.241-246, 2017 (Peer-Reviewed Journal)
- III. **Yeni Tasarlanacak Mutfak Masa ve Sandalyelerinde Kullanıcı Beklentilerinin Belirlenmesi: Bartın İli TOKİ Konutlarına Yönelik Bir Araştırma,**
İÇEL B., KAYAHAN K., AVCI Ö.
Bartın Orman Fakültesi Dergisi (Journal of Bartın Faculty of Forestry), vol.19, no.2, pp.144-152, 2017 (Peer-Reviewed Journal)
- IV. **Isıl İşlem Görmüş Ladin ve Dişbudak Odunlarının Mikroskopik Görüntüleri Üzerine Değerlendirmeler**
İÇEL B., ŞİMŞEK Y.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, no.2, pp.414-420, 2017 (Peer-Reviewed Journal)
- V. **Tarihi ahşap yapılarda bazı odun özelliklerinin belirlenmesinde kullanılacak tahribatsız muayene yöntemleri**
İÇEL B., BERAM A.
Turkish Journal of Forestry, vol.17, no.2, pp.201-207, 2016 (Peer-Reviewed Journal)

- VI. **Ay döngüsünün dikili ağaçlarda su içeriği ve odunlarda böceklenme üzerine etkisi**
AVCI M., İÇEL B.
Turkish Journal of Forestry, vol.1, no.17, pp.20-29, 2016 (Peer-Reviewed Journal)
- VII. **Medicinal Plants Traditionally Used for Pain Alleviation in Antalya Province Turkey**
FAKİR H., KORKMAZ M., İÇEL B.
Studies On Ethno-Medicine, vol.3, no.10, pp.314-324, 2016 (Scopus)
- VIII. **Resistograph Cihazı Grafik Verilerinin Görüntü Analizi Kullanılarak Dışa Aktarımı için Pratik Bir Yol Önerisi (Yıllık halka ölçümlerinde kullanılmak üzere)**
İÇEL B.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.12, no.1, pp.157-160, 2012 (Peer-Reviewed Journal)
- IX. **Değişik Aralama Derecelerinin Kızılçam Odun-Su İlişkileri Üzerine Etkisi**
İÇEL B.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.11, no.1, pp.29-37, 2009 (Peer-Reviewed Journal)
- X. **Yıllık Halka Ölçümleri için Pratik Bir Yöntem Önerisi (basılı yayın:2002 elektronik yayın:2009)**
İÇEL B.
Türkiye Ormanlık Dergisi, vol.3, no.1, pp.49-62, 2009 (Peer-Reviewed Journal)
- XI. **Geniş Yapraklı Ağaçlarda Görüntü Analizi Yöntemi ile Trahe Çapı ve Birim Alandaki Trahe Sayısının Belirlenmesi**
İÇEL B., FAKİR H.
Türkiye Ormanlık Dergisi, vol.10, no.1, pp.83-94, 2009 (Peer-Reviewed Journal)
- XII. **Farklı Asma (Vitis vinifera L.) Çeşitlerinin Budama Atıklarındaki Lignin, Karbonhidrat Miktarları ve Lif Özellikleri**
YAŞAR S., İÇEL B., GÖKTÜRK BAYDAR N.
Bartın Orman Fakültesi Dergisi, vol.11, no.16, pp.71-79, 2009 (Peer-Reviewed Journal)
- XIII. **Medicinal plant diversity of western Mediterranean region in Turkey**
FAKİR H., KORKMAZ M., İÇEL B.
Journal of Applied Biological Sciences, vol.3, no.2, pp.30-40, 2009 (Peer-Reviewed Journal)
- XIV. **Odun kompozitleri**
İÇEL B.
SDÜ Orman Fakültesi Dergisi, no.2, pp.135-160, 2001 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Görsel İletişimde Piktogramlar: Günlük Hayata Yansımalarına İlişkin Bir Değerlendirme**
APAK G., İÇEL B., AL G.
4. MEK Mesleki Eğitim Kongresi-İletişim, İstanbul, Turkey, 22 December 2021
- II. **Ecological and industrial future of fagus sylvatica (fagaceae) under the effect of new generation climate change scenarios**
KIRAÇ A., İÇEL B.
INTERNATIONAL GLOBAL CLIMATE CHANGE CONGRESS, ABSTRACTS and PROCEEDINGS BOOK, Çanakkale, Turkey, 3 - 05 June 2021, pp.310-312
- III. **Tasarım Eğitiminde Görsel İletişimin Önemi**
APAK G., İÇEL B., AL G.
3.MEK – Tasarım, 21 - 23 December 2020
- IV. **Pandemi Sürecinde Uzaktan Eğitim ile Tasarım Bölümündeki Eğitimde Karşılaşılan Güçlükler Üzerine Bir Değerlendirme**
İÇEL B., AL G., APAK G.
3.MEK – Tasarım, 21 - 23 December 2020

- V. **ISIL İŞLEMİN AHŞAPTA ISLANMA ÖZELLİĞİNE ETKİSİ**
İÇEL B., SÖZEN F.
II. International Mediterranean Forest and Environment Symposium, Kahramanmaraş, Turkey, 3 - 05 October 2019, pp.470-475
- VI. **APPLICABILITY OF A NEW WAY BASED ON THERMOGRAPHY FOR DETERMINING JUVENILE WOOD ZONE**
İÇEL B.
III. International Mediterranean Forest and Environment Symposium, Kahramanmaraş, Turkey, 3 - 05 October 2019, pp.2-8
- VII. **Determination of Modulus of Elasticity for Ash (Fraxinus spp.) Grown in Turkey Using Ultrasound (ICCESEN 2018)**
KILINÇARSLAN Ş., İÇEL B., ŞİMŞEK Y.
ICCESEN-2018, Antalya, Turkey, 12 - 16 October 2018, pp.82-86
- VIII. **How will we plan and build in 25 years and how will this process be regulated**
İÇEL B.
Workshop of COST Action FP1402 "Basis of Structural Timber Design" -from research to standards, 12 September 2018
- IX. **Determination of Modulus of Elasticity for Ash (Fraxinus spp.) Grown In Turkey Using Ultrasound,**
KILINÇARSLAN Ş., İÇEL B., ŞİMŞEK Y.
International Conference on Computational and Experimental Science and Engineering (ICCESEN 2018, 12 - 16 October 2018
- X. **Effectiveness of a portable Non-destructive device for modulus of elasticity determination: A Comparative study on dynamic MOE and static MOE for Ash (Fraxinus spp.) lumber**
İÇEL B., KILINÇARSLAN Ş., ŞİMŞEK Y., AY N.
ICAFOF-2018, 2 - 05 April 2018
- XI. **Effectiveness of a portable Non-destructive device for modulus of elasticity determination: A Comparative study on dynamic MOE and static MOE for Ash (Fraxinus spp.) lumber, International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF 2018 Çeşme-İzmir/ Turkey**
İÇEL B., KILINÇARSLAN Ş., ŞİMŞEK Y., AY N.
International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF 2018, İzmir, Turkey, 2 - 05 April 2018
- XII. **Incorporating wood quality traits into tree breeding programs: Usability of Fractometer for the purpose of a preliminary assessment of wood strength and density of Pinus brutia (Turkish red pine)**
İÇEL B.
International Symposium on New Horizons in Forestry (ISFOR-2017), Isparta, Turkey, 18 - 20 October 2017, pp.454
- XIII. **Research on the possibility of using thermography for the determination of insect activity in wood**
İÇEL B., AVCI M., ŞİMŞEK Y., OĞUZOĞLU Ş.
International Symposium on New Horizons in Forestry (ISFOR-2017), Isparta, Turkey, 18 - 20 October 2017, pp.373
- XIV. **Applicability of thermography and increment coring for the determination of juvenile wood zone of Turkish red pine (Pinus brutia Ten.)**
İÇEL B., ŞİMŞEK Y.
International Symposium on New Horizons in Forestry (ISFOR-2017), Isparta, Turkey, 18 - 20 October 2017, pp.311
- XV. **Suitability of Heat Treated Wood as Raw Material for Beehive**
İÇEL B., YALÇINKAYA M., ŞİMŞEK Y.
45 th APIMONDIA INTERNATIONAL APICULTURAL CONGRESS, İstanbul, Turkey, 29 September - 04 October 2017, pp.254

- XVI. **Non Destructive Detection of Decay in Living Trees as a Precision Forestry Tool and in Urban Tree Risk Assessment**
OSKAY F., LEHTIJARVI A. T., İÇEL B., DOĞMUŞ LEHTIJARVI H. T., WOODWARD S.
1st International Symposium of Forest Engineering and Technologies (FETEC 2016), Bursa, Turkey, 2 - 04 June 2016, vol.1, pp.77-78
- XVII. **IS RESISTOGRAPH CAN BE USED AS A PRACTICAL TOOL FOR THE ANNUAL RING MEASUREMENT OF PINES**
İÇEL B., GÜLER G., SÜTÇÜ A.
International Scientific Conference on Dendrochronology Climate and Human History in the Mediterranean Basin, 18 October 2015 - 23 January 2016
- XVIII. **Botanical Ecological properties and Historical Usage of Kasnak Oak Quercus vulcanica Boiss and Heldr AN ENDEMIC SPECIES FOR TURKEY**
İÇEL B., KARATEPE Y., FAKİR H.
The Oak Ecology History Management and Planning II, 1 - 03 June 2010, pp.48-51
- XIX. **Kiln Drying Properties of red bud maple Acer trautvetteri Medw Lumber**
KORKUT S., İÇEL B.
10th IUFRO International Conference, 26 - 30 August 2007, vol.1, pp.139-146
- XX. **Ethnobotanical Characteristics Of Some Non Wood Vegetal Forest Products Naturally Distributed In Gebiz Region Province Antalya Turkey**
FAKİR H., İÇEL B.
1 st International Non-wood Forest Products Symposium, 01 October 2006

Patent

İçel B., Çok amaçlı ambalaj, Utility Model, CHAPTER B Implementation of Operations; Transport, The Invention
Registration Number: 2012 03196 , Standard Registration, 2015

Metrics

Publication: 50
Citation (WoS): 274
Citation (Scopus): 337
H-Index (WoS): 9
H-Index (Scopus): 11

Non Academic Experience

North Carolina State University