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Education Information

Post Doctorate, Helsinki University of Technology, Faculty Of Chemistry And Materials Science, Department Of Forest Products Technology, Finland 1994 - 1994

Doctorate, Karadeniz Technical University, Fen Bilimleri, Orman Endüstri Mühendisliği, Turkey 1989 - 1994

Postgraduate, Karadeniz Technical University, Fen Bilimleri, Orman Endüstri Mühendisliği, Turkey 1986 - 1988

Undergraduate, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, Turkey 1981 - 1985

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Bazı hızlı büyüyen ağaç türlerinden hazırlanan odun-polimer kompozitlerinin fiziksel ve mekanik özellikleri, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği Bölümü, 1994

Postgraduate, Çeşitli ağaç türlerinde su alımının ve çalışmanın azaltılması, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği Bölümü, 1988

Research Areas

Agricultural Sciences, Forestry, Forest Industry Engineering, Forest Biology and Wood Protection Technology

Academic Titles / Tasks

Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2005 - Continues

Associate Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 1997 - 2005

Assistant Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 1994 - 1996

Research Assistant, Karadeniz Technical University, Orman Fakültesi, Orman Endüstr Mühendisliği, 1986 - 1994

Academic and Administrative Experience

Karadeniz Technical University, 1995 - Continues
Karadeniz Technical University, 2005 - 2016
Karadeniz Technical University, 2005 - 2016
Karadeniz Technical University, 2002 - 2004
Karadeniz Technical University, 1997 - 1998

Courses

Odun Zararlıları, Undergraduate, 2014 - 2015
Odun Koruma, Undergraduate, 2014 - 2015

Advising Theses

YILDIZ Ü. C., Doğu Karadeniz Bölgesi Yayla Evlerinde Kullanılan Ahşap Malzemenin Dış Hava Koşullarına Karşı Dayanımının Arttırılması, Doctorate, Ö.Özgenç(Student), 2014
YILDIZ Ü. C., Silikon Bazlı Kimyasal Maddelerle Emprenye İşleminin Odunun Bazı Fiziksel, Mekanik ve Biyolojik Özelliklerine Etkisi, Postgraduate, C.Kılıç(Student), 2012
YILDIZ Ü. C., Masif Odundan Bor Bileşiklerinin Yıkanmasını Önlemede Yağlı Isıl İşlemin ve Emülsiyon Teknikleri ile Emprenye İşleminin Etkisi, Doctorate, E.Dizman(Student), 2011
YILDIZ Ü. C., Benzetilmiş Dış Hava Koşullarının Emprenyeli Ağaç Malzemeye Etkileri, Doctorate, A.Temiz(Student), 2005
YILDIZ Ü. C., Kimyasal modifikasyonun kızılâğaç ve ladin yongalevhalarında fiziksel, mekanik ve biyolojik özelliklere etkisi, Postgraduate, E.Dizman(Student), 2005
YILDIZ Ü. C., Kullanım Süresini Tamamlamış Emprenyeli Ağaç Malzemelerin Yeniden Değerlendirilmesi Olanaklarının Araştırılması, Doctorate, E.Derya(Student), 2003
YILDIZ Ü. C., Emprenye edilmiş Yongalardan Üretilen Yongalevhaların Bazı Teknolojik Özellikleri, Doctorate, A.Ali(Student), 2000
YILDIZ Ü. C., Çay Endüstrisi Lifli Atıklarının Agaricus bisporus Kültivasyonunda Değerlendirilebilme Olanakları, Doctorate, E.Baysal(Student), 1999
YILDIZ Ü. C., Doğu Karadeniz Bölgesindeki Bitkisel ve Odunsal Atıkların Pleurotus ostreatus Kültivasyonunda Değerlendirilmesi, Postgraduate, Z.Demirci(Student), 1998
YILDIZ Ü. C., Doğal reçine (Kolofan) kullanımının ağaç malzemenin su itici özellikleri üzerine etkisi, Postgraduate, A.Ali(Student), 1994

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **DECAY RESISTANCE OF SCOTCH PINE WOOD IMPREGNATED WITH Agaricus campestris BIO-PROTECTIVE EXTRACT**
YILDIZ S., YILDIZ Ü. C., Yilmaz A.
MADERAS-CIENCIA Y TECNOLOGIA, vol.21, no.3, pp.405-412, 2019 (SCI-Expanded)
- II. **DECAY RESISTANCE OF SCOTCH PINE WOOD IMPREGNATED AGARICUS CAMPESTRIS BIO-PROTECTIVE EXTRACT**
YILDIZ S., YILDIZ Ü. C., GÜRGEN A.
MADERAS-CIENCIA Y TECNOLOGIA, no.21, pp.405-412, 2019 (SCI-Expanded)
- III. **MODELING THE WATER ABSORPTION RATE OF WOOD IMPREGNATED WITH SILICONE-BASED CHEMICALS USING AN ARTIFICIAL NEURAL NETWORK**
GÜRGEN A., Kilic C., YILDIZ Ü. C., YILDIZ S.
DREWNO, vol.62, no.204, pp.55-69, 2019 (SCI-Expanded)
- IV. **Weathering Resistance of Oriental Spruce Wood Treated with Different Protection Processes**

ÖZGENÇ Ö., YILDIZ Ü. C.

JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.28, no.8, 2016 (SCI-Expanded)

- V. **Examination of the chemical changes in spruce wood degraded by brown-rot fungi using FT-IR and FT-Raman spectroscopy**
Durmaz S., ÖZGENÇ Ö., BOYACI İ. H., YILDIZ Ü. C., Erisir E.
VIBRATIONAL SPECTROSCOPY, vol.85, pp.202-207, 2016 (SCI-Expanded)
- VI. **Protection against Weathering Using Micronized Copper Quat and Heat Treatment Methods on Wood for Construction of Mountain Houses**
ÖZGENÇ Ö., YILDIZ Ü. C.
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.28, no.6, 2016 (SCI-Expanded)
- VII. **INVESTIGATION OF ENZYMATIC EFFECTS ON PIT MEMBRANES USING LIGHT AND SCANNING ELECTRON MICROSCOPY**
Durmaz S., YILDIZ Ü. C., ÖZTÜRK M., SERDAR B.
DREWNO, vol.59, no.198, pp.163-169, 2016 (SCI-Expanded)
- VIII. **Alkaline Enzyme Treatment of Spruce Wood to Increase Permeability**
Durmaz S., YILDIZ Ü. C., YILDIZ S.
BIORESOURCES, vol.10, no.3, pp.4403-4410, 2015 (SCI-Expanded)
- IX. **Alkaline Enzyme Treatment of Spruce Wood to Increase Permeability**
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- X. **Alkaline Enzyme Treatment of Spruce Wood to Increase Permeability**
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- XI. **SURFACE CHARACTERISTICS OF WOOD TREATED WITH NEW GENERATION PRESERVATIVES AFTER ARTIFICIAL WEATHERING**
ÖZGENÇ Ö., YILDIZ Ü. C.
WOOD RESEARCH, vol.59, no.4, pp.605-616, 2014 (SCI-Expanded)
- XII. **LEACHING AND DECAY RESISTANCE OF ALDER AND PINE WOOD TREATED WITH COPPER BASED WOOD PRESERVATIVES**
TEMİZ A., Alfredsen G., YILDIZ Ü. C., GEZER E. D., Kose G., Akbas S., YILDIZ S.
MADERAS-CIENCIA Y TECNOLOGIA, vol.16, no.1, pp.63-76, 2014 (SCI-Expanded)
- XIII. **An FT-IR study of the changes in chemical composition of bamboo degraded by brown-rot fungi**
Tomak E. D., Topaloglu E., GÜMÜŞKAYA E., YILDIZ Ü. C., AY N.
INTERNATIONAL BIODETERIORATION & BIODEGRADATION, vol.85, pp.131-138, 2013 (SCI-Expanded)
- XIV. **Effect of artificial weathering on the properties of heat treated wood**
Yıldız S., Tomak E. D., Yıldız Ü. C., Ustaömer D.
POLYMER DEGRADATION AND STABILITY, vol.98, no.8, pp.1419-1427, 2013 (SCI-Expanded)
- XV. **Wood Surface Protection against Artificial Weathering with Vegetable Seed Oils**
ÖZGENÇ Ö., OKAN O. T., YILDIZ Ü. C., DENİZ İ.
BIORESOURCES, vol.8, no.4, pp.6242-6262, 2013 (SCI-Expanded)
- XVI. **Effect of accelerated aging on some physical and mechanical properties of bamboo**
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WOOD SCIENCE AND TECHNOLOGY, vol.46, no.5, pp.905-918, 2012 (SCI-Expanded)
- XVII. **IMPROVING OF THE IMPREGNABILITY OF REFRACTORY SPRUCE WOOD BY BACILLUS LICHENIFORMIS PRETREATMENT**
YILDIZ S., ÇANAĞCI S., YILDIZ Ü. C., ÖZGENÇ Ö., Tomak E. D.
BIORESOURCES, vol.7, no.1, pp.565-577, 2012 (SCI-Expanded)
- XVIII. **WEATHERING PROPERTIES OF WOOD SPECIES TREATED WITH DIFFERENT COATING APPLICATIONS**
ÖZGENÇ Ö., Hiziroglu S., YILDIZ Ü. C.
BIORESOURCES, vol.7, no.4, pp.4875-4888, 2012 (SCI-Expanded)
- XIX. **The combined effects of boron and oil heat treatment on the properties of beech and Scots pine**

- wood. Part 2: Water absorption, compression strength, color changes, and decay resistance**
Tomak E. D., Viitanen H., YILDIZ Ü. C., Hughes M.
JOURNAL OF MATERIALS SCIENCE, vol.46, no.3, pp.608-615, 2011 (SCI-Expanded)
- XX. **The combined effects of boron and oil heat treatment on beech and Scots pine wood properties. Part 1: Boron leaching, thermogravimetric analysis, and chemical composition**
Tomak E. D., Hughes M., YILDIZ Ü. C., Viitanen H.
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- XXI. **THE EFFECTS OF NATURAL WEATHERING ON THE PROPERTIES OF HEAT-TREATED ALDER WOOD**
YILDIZ S., YILDIZ Ü. C., Tomak E. D.
BIORESOURCES, vol.6, no.3, pp.2504-2521, 2011 (SCI-Expanded)
- XXII. **THE EFFECTS OF PRE-ACID TREATMENT ON PRESERVATIVE RETENTION AND COMPRESSION STRENGTH OF REFRACTORY SPRUCE WOOD IMPREGNATED WITH CCA AND ACQ**
YILDIZ S., Yildiz U., Dizman E., TEMİZ A., Gezer E.
WOOD RESEARCH, vol.55, no.3, pp.93-103, 2010 (SCI-Expanded)
- XXIII. **Combustion properties of alder (*Alnus glutinosa* L.) Gaertn. subsp *barbata* (CA Mey) Yalt.) and southern pine (*Pinus sylvestris* L.) wood treated with boron compounds**
TEMİZ A., GEZER E. D., YILDIZ Ü. C., YILDIZ S.
CONSTRUCTION AND BUILDING MATERIALS, vol.22, no.11, pp.2165-2169, 2008 (SCI-Expanded)
- XXIV. **Mechanical and chemical behavior of spruce wood modified by heat**
Yildiz S., Gezer E. D., Yildiz U. C.
BUILDING AND ENVIRONMENT, vol.41, no.12, pp.1762-1766, 2006 (SCI-Expanded)
- XXV. **Comparison of copper emission rates from wood treated with different preservatives to the environment**
Temiz A., Yildiz U., Nilsson T.
BUILDING AND ENVIRONMENT, vol.41, no.7, pp.910-914, 2006 (SCI-Expanded)
- XXVI. **Removal copper, chromium and arsenic from CCA-treated yellow pine by oleic acid**
Gezer E., Yildiz U., Yildiz S., Dizman E., Temiz A.
BUILDING AND ENVIRONMENT, vol.41, no.3, pp.380-385, 2006 (SCI-Expanded)
- XXVII. **Cu, Cr and As distribution in soils adjacent to CCA-treated utility poles in Eastern Blacksea Region of Turkey**
Gezer E. D., Yildiz U., Temiz A., Yildiz S., Dizman E.
BUILDING AND ENVIRONMENT, vol.40, no.12, pp.1684-1688, 2005 (SCI-Expanded)
- XXVIII. **Surface roughness and color characteristics of wood treated with preservatives after accelerated weathering test**
Temiz A., Yildiz U., Aydın İ., Eikenes M., Alfredsen G., Colakoglu G.
APPLIED SURFACE SCIENCE, vol.250, pp.35-42, 2005 (SCI-Expanded)
- XXIX. **Mechanical and chemical behavior of beech wood modified by heat**
Yildiz U., Yildiz S., Gezer E. D.
WOOD AND FIBER SCIENCE, vol.37, no.3, pp.456-461, 2005 (SCI-Expanded)
- XXX. **Mechanical properties and decay resistance of wood-polymer composites prepared from fast growing species in Turkey**
Yildiz U., Yildiz S., Gezer E. D.
BIORESOURCE TECHNOLOGY, vol.96, no.9, pp.1003-1011, 2005 (SCI-Expanded)
- XXXI. **Bakıra Toleranslı Mantarların Çürüklük Mekanizması.**
GEZER E. D., YILDIZ Ü. C., TEMİZ A., Dizman E., YILDIZ S.
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.3, no.4, pp.193-199, 2004 (SCI-Expanded)
- XXXII. **Bakır içeren emprenye maddelerinin odunla olan etkileşimi. 3(4):204-211.**
TEMİZ A., YILDIZ Ü. C., GEZER E. D., YILDIZ S., Dizman E.
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.3, no.4, pp.204-211, 2004 (SCI-Expanded)
- XXXIII. **Effects of the wood preservatives on mechanical properties of yellow pine (*Pinus sylvestris* L.) wood**

- Yildiz U., Temiz A., Gezer E. D., Yildiz S.
BUILDING AND ENVIRONMENT, vol.39, no.9, pp.1071-1075, 2004 (SCI-Expanded)
- XXXIV. **CCA'nın Kızılağaç Odununun Mekanik Özellikleri Üzerine Etkisi.**
TEMİZ A., GEZER E. D., YILDIZ Ü. C., YILDIZ S., Dizman E.
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.1, no.2, pp.18-23, 2004 (SCI-Expanded)
- XXXV. **CCA (Bakır, Krom, Arsenik) Elementlerinin Toprakta Hareketleri**
GEZER E. D., YUKSEK T., YILDIZ Ü. C.
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.3, no.4, pp.102-112, 2004 (SCI-Expanded)
- XXXVI. **CCA (Bakır, Krom, Arsenik) Emprenye Maddesinin Yıkanma Mekanizması.**
GEZER E. D., YILDIZ Ü. C., TEMİZ A., YILDIZ S., Dizman E.
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.1, no.2, pp.9-17, 2004 (SCI-Expanded)
- XXXVII. **Odunun Fotodegradasyonu**
TEMİZ A., YILDIZ Ü. C., KIRCI H., GEZER E. D., YILDIZ S.
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.3, no.4, pp.145-156, 2004 (SCI-Expanded)
- XXXVIII. **Effect of boric acid treatment on mechanical properties of laminated beech veneer lumber**
Colakoglu G., Colak S., Aydın İ., Yildiz U., Yildiz S.
SILVA FENNICA, vol.37, no.4, pp.505-510, 2003 (SCI-Expanded)
- XXXIX. **Some lignocellulosic wastes used as raw material in cultivation of the Pleurotus ostreatus culture mushroom**
Yildiz S., Yildiz U., Gezer E., Temiz A.
PROCESS BIOCHEMISTRY, vol.38, no.3, pp.301-306, 2002 (SCI-Expanded)
- XL. **TREATMENT OF WOOD SPECIMENS IN SLATE THICKNESS WITH PEG-1000**
YILDIZ U.
HOLZ ALS ROH-UND WERKSTOFF, vol.50, no.5, pp.206, 1992 (SCI-Expanded)
- XLI. **ACETYLATION PLUS WATER-REPELLENT TREATMENT OF WOOD IN SLATE THICKNESS**
Hafizoğlu H., YILDIZ U.
HOLZFORSCHUNG, vol.44, no.4, pp.245-248, 1990 (SCI-Expanded)

Articles Published in Other Journals

- I. **Evaluation of essential properties of impregnating agents for preserving wood by AHP method in fuzzy environment**
GÜRGEN A., YILDIZ S., YILDIZ Ü. C., Palanti S.
TURKISH JOURNAL OF FORESTRY, vol.21, no.1, pp.70-76, 2020 (Peer-Reviewed Journal)
- II. **Odunun Emprenye Edilebilirliğini Etkileyen Faktörlerin Bulanık Analitik Hiyerarşi Prosesi ile Değerlendirilmesi**
GÜRGEN A., YILDIZ S., YILDIZ Ü. C.
BARTIN ORMAN FAKÜLTESİ DERGİSİ, vol.21, no.2, pp.1-11, 2019 (Peer-Reviewed Journal)
- III. **Assessment of Metal Contents in Hydnum rufescens, Macrolepiota procera Mushrooms Collected from Turkey**
GÜRGEN A., YILDIZ S., ÇEVİK U., YILDIZ Ü. C.
Kastamonu University Journal of Engineering and Science, vol.4, no.2, pp.15-21, 2018 (Peer-Reviewed Journal)
- IV. **Determination of mushroom consumption preferences by using fuzzy analytic hierarchy process**
GÜRGEN A., YILDIZ S., YILDIZ Ü. C.
EURASIAN JOURNAL OF FOREST SCIENCE, vol.6, no.3, pp.25-34, 2018 (Peer-Reviewed Journal)
- V. **Determination of mushroom consumption preferences by using fuzzy analytic hierarchy process**
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EURASIAN JOURNAL OF FOREST SCIENCE, vol.6, no.3, pp.25-34, 2018 (Peer-Reviewed Journal)
- VI. **Determination of mushroom consumption preferences by using fuzzy analytic hierarchy process**
GÜRGEN A., YILDIZ S., YILDIZ Ü. C.

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- VII. **Total Phenolic, Flavonoid, Tannin Contents and Antioxidant Properties of Pleurotus ostreatus and Pleurotus citrinopileatus cultivated on various sawdust**
YILDIZ S., YILMAZ A., CAN Z., KILIÇ C., YILDIZ Ü. C.
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- VIII. **TOTAL PHENOLIC, FLAVONOID, TANNIN CONTENTS AND ANTIOXIDANT PROPERTIES OF PLEUROTUS OSTREATUS AND PLEUROTUS CITRINOPILEATUS CULTIVATED ON VARIOUS SAWDUST**
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- IX. **A comparison between some wood bark extracts: Antifungal activity**
ÖZGENÇ Ö., DURMAZ S., YILDIZ Ü. C., Erisir E.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.17, no.3, pp.502-508, 2017 (ESCI)
- X. **Enzimatik muamele ile doğu ladini (Picea orientalis.) diri odununun geçirgenliğinin artırılması**
DURMAZ S., YILDIZ Ü. C.
ARTVİN ÇORUH ÜNİVERSİTESİ ORMAN FAKÜLTESİ DERGİSİ, vol.17, no.1, pp.32-37, 2016 (Peer-Reviewed Journal)
- XI. **Bazı Odun Kabuklarının Kimyasal Analizi**
DURMAZ S., KUŞTAŞ S., ÖZGENÇ Ö., YILDIZ Ü. C.
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- XII. **Using Kraft Black Liquor as a Wood Preservative**
DURMAZ S., ERİŞİR E., YILDIZ Ü. C., KURTULUŞ O. Ç.
Procedia-Social and Behavioral Science, vol.195, pp.2177-2180, 2015 (Peer-Reviewed Journal)
- XIII. **PROTECTIVE EFFECT OF COATING ON MECHANICAL PROPERTIES OF WOOD MATERIALS EXPOSED TO NATURAL WEATHERING**
ÖZGENÇ Ö., YILDIZ Ü. C., YILDIZ S.
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- XIV. **The effect of UV Irradiation on Some Technological Properties of Plywood Panels from Veneers Dried at Different Temperatures**
DEMİRKİR C., ÖZGENÇ Ö., ÇOLAKOĞLU G., YILDIZ Ü. C., ÇOLAK S.
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- XVIII. **Odun Yüzeylerinin Bazı Yeni Nesil Emprenye Maddeleri ve Üst Yüzey İşlemleri ile Açık Hava Etkilerine Karşı Korunması**
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- XX. **Induline SW 900 Su Bazlı Emprenye Maddesi Uygulanan Odunun Hızlandırılmış Dış Ortam Testine Olan Dayanımı**
ÖZGENÇ Ö., YILDIZ Ü. C.
KSÜ Mühendislik Bilim Dergisi, vol.Özel Sayı, pp.56-61, 2012 (Peer-Reviewed Journal)
- XXI. **Üç Sözcükten İki Mühendislik: Orman, Ağaç, Endüstri (Bir Meslek Olarak Orman Endüstri Mühendisliği ve Ağaç İşleri Endüstri Mühendisliğinin Gelişimi ve Geleceği)**
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TMMOB Orman Mühendisliği Dergisi, vol.48, pp.14-15, 2011 (Peer-Reviewed Journal)
- XXII. **ASETİLLENDİRİLMİŞ LADİN YONGALEVHALARININ ESMER ÇÜRÜKLÜK MANTARINA (Coniophora puteana) KARŞIDAYANIKLILIĞI**
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- XXIII. **Asetillendirilmiş Yongalevhaların Esmer Çürüklük Mantarına (Coniophora puteana) Karşı Dayanıklılığı**
Dizman E., YILDIZ Ü. C., YILDIZ S., ASLAN M., TEMİZ A.
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- XXIV. **Asetillendirilmiş Yonga-levhaların Esmer Çürüklük Mantarına (Coniophora puteana) Karşı Dayanıklılığı**
Dizman Tomak E., YILDIZ Ü. C., YILDIZ S., ASLAN M., TEMİZ A.
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- LXXX. **The Effects of Heat Treatment on Anatomical Changes of Beech Wood**
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- LXXXI. **The Effects of Heat Treatment on Anatomical Changes of Beech Wood**
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- LXXXII. **Economic analysis of the chemicals used on remediation copper, chromium and arsenic from out of service CCA-treated utility poles in Turkey**
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- LXXXV. **The Efficacy of Wood Preservative Treatments in Laboratory Soil - Bed Test**
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- LXXXVI. **Isolation and Identification of Copper Tolerant Fungi from CCA treated Utility Poles in Eastern Blacksea Region of Turkey**
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- LXXXVII. **Utilization of High Performance Wood Using by Some Water Repellents**
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3. Uluslararası İleri Teknolojiler Sempozyumu, Ankara, Turkey, 18 - 20 August 2003, vol.1, pp.371-381

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- XC. **Removing Cu, Cr and As from CCA treated Yellow Pine by Oleic Acid**
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- XCVII. **Borlu Bileşiklerin Sarıçam Odununun Yanma Özellikleri Üzerine Etkisi**
YILDIZ S., TEMİZ A., YILDIZ Ü. C.
Bor Sempozyumu, Balıkesir, Turkey, 20 - 22 June 2002, vol.1, pp.193-199
- XCVIII. **Kayın Odununa Uygulanan Isıl İşlemin Eğilme Direnci Üzerine Etkisi**
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II. Ulusal Karadeniz Ormanlık Kongresi, Artvin, Turkey, 15 - 18 May 2002, vol.3, pp.868-876
- XCIX. **Combustion Properties of Alder Wood Treated with Some New Environment Friendly Natural Extractives**
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33. IRG (International Research Group on Wood Protection) Annual Meeting, Cardiff, United Kingdom, 12 - 17 May 2002, pp.7-12
- C. **Fire Resistance of Alder Wood Treated with Some Chemicals**
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- CI. **Effect of Heat Treatment on Modulus of Elasticity of Beech Wood,**

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CIII. Fire retardant treated wood and plywood: A comparative study. Part III. Combustion properties of treated wood and plywood

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32nd Annual Meeting of The International Research Group on Wood Preservation, Nara, Japan, 13 - 18 May 2001, pp.68-76

CVI. Biological Resistance of Wood Treated with Boron-Vinyl Monomers

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XI World Forestry Congress, Antalya, Turkey, 13 - 22 October 1997, vol.4, pp.48

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XI World Forestry Congress, Antalya, Turkey, 13 - 22 October 1997, vol.4, pp.47

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YILDIZ Ü. C.

I. Ulusal Karadeniz Ormanlık Kongresi, Trabzon, Turkey, 16 - 21 October 1995, vol.2, pp.73-79

CX. Technological Properties of Wood-Polymer Composites Obtained from Pinus brutia.

YILDIZ Ü. C.

International Pinus brutia Symposium, Muğla, Turkey, 18 - 23 October 1993, vol.1, pp.670-678

CXI. Sahil Çamı ve Melez Kavak Odunlarından Elde Edilen Odun-Polimer Kompozitlerinin Bazı Teknolojik Özellikleri

YILDIZ Ü. C., HAFIZOĞLU H.

Orenko-93 II. Ulusal Orman Ürünleri Endüstrisi Kongresi, Trabzon, Turkey, 18 - 23 October 1993, vol.1, pp.155-163

CXII. Ağaç Malzemenin Yapısında Meydana Getirilen Değişikliklerle Bazı Teknolojik Özelliklerinin İyileştirilmesi

YILDIZ Ü. C.

Orenko-92 I. Ulusal Orman Ürünleri Endüstri Kongresi, Trabzon, Turkey, 12 - 17 October 1992, vol.1, pp.403-413

Supported Projects

DURMAZ S., YILDIZ Ü. C., TUBITAK Project, Bioprep 3000 L ve Viscozyme L Enzimleri ile Ladin Diri Odunu

Geçirgenliğinin Arttırılması, 2015 - Continues

YILDIZ Ü. C., TUBITAK Project, Isıl İşlemden Geçirilmiş Yüksek Performanslı ve Yeni Ahşap Malzeme Üretimi, 2007 - 2010

YILDIZ Ü. C., TUBITAK Project, Batı Karadeniz'deki Tarihi Evlerde Ağaç Malzemede Zarar Yapan Etmenlerin, Ağaç Malzemeye Uygulanan Emprenye ve Üst Yüzey İşlemlerinin, Tarihi Evlerin Korunma ve Süreklilik Olanaklarının

Araştırılması, 2007 - 2009

Gezer E. D., Kalaycıoğlu H., Yıldız Ü. C., Yıldız S., Dönmez Çavdar A., TUBITAK Project, Borlu Bileşiklerle Emprenye Edilmiş Masif ve Kompozit Odun Ürünlerinde Fiziksel, Kimyasal, Mekanik ve Biyolojik Dayanım Özellikleri ve Endüstriyel Uygulama Olanakları, 2007 - 2009

YILDIZ Ü. C., YILDIZ S., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, CCA ile Emprenye Edilmiş Tel Direklerde Çürütücü Etmenlerin Belirlenmesi ve Atk Emprenyeli Odunların Yeniden Değerlendirilmesi, 2002 - 2005

YILDIZ Ü. C., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Yongalevha Üretiminde Kullanılan Odun Hammaddesinin Çeşitli Emprenye Maddeleriyle Muamele Edilmesi İmkanları,, 1998 - 2001

YILDIZ Ü. C., TUBITAK Project, Türkiye Bor Kaynaklarının Odun Koruma (Emprenye) Endüstrisinde Değerlendirilme İmkanları, 1993 - 1995

Activities in Scientific Journals

Anadolu Üniversitesi Bilim ve Teknoloji Dergisi, Editor, 2001 - Continues

Memberships / Tasks in Scientific Organizations

International Research Group on Wood Protection, Member, 2002 - Continues

TMMOB Orman Mühendisleri Odası, Member, 1985 - Continues

Scientific Refereeing

Turkish J. of Agriculture and Forestry, National Scientific Refreed Journal, September 2013

Turkish J. of Agriculture and Forestry, National Scientific Refreed Journal, May 2013

Turkish J. of Agriculture and Forestry, National Scientific Refreed Journal, March 2013

Turkish J. of Agriculture and Forestry, National Scientific Refreed Journal, October 2012

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Turkish J. of Agriculture and Forestry, National Scientific Refreed Journal, January 2010

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Turkish J. of Agriculture and Forestry, National Scientific Refreed Journal, October 2005

Turkish J. of Agriculture and Forestry, National Scientific Refreed Journal, September 2005

Scientific Consultations

TBİTAK-TEYDEB, Project Consultancy, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, Turkey, 2007 - 2010

Metrics

Publication: 193

Citation (WoS): 1603

Citation (Scopus): 1688

H-Index (WoS): 22

H-Index (Scopus): 21

Congress and Symposium Activities

Orman Ürünleri Endüstrisinde Hammadde Sorunları Paneli, Moderator, Trabzon, Turkey, 2011

AÇÜ 3. Ulusal Ormanlık Kongresi, Session Moderator, Artvin, Turkey, 2010

International Research Group on Wood Protection 41. Annual Conference, Attendee, Bordeaux, France, 2010

International Research Group on Wood Protection 39. Annual Conference, Attendee, İstanbul, Turkey, 2008

International Research Group on Wood Protection 38. Annual Conference, Attendee, Wyoming, United States Of America, 2007

Second European Conference on Wood Modification, Attendee, Göttingen, Germany, 2005

International Research Group on Wood Protection 35. Annual Conference, Attendee, Ljubljana, Slovenia, 2004

International Research Group on Wood Protection 33. Annual Conference, Attendee, Cardiff, United Kingdom, 2002

Scholarships

TÜBİTAK- Yurtdışı Etkinlikleri Destekleme Ödülü, TUBİTAK, 2002 - Continues

Araştırma Bursu, Official Institutions of Foreign Countries, 1994 - Continues

Awards

YILDIZ Ü. C., II. Mobilya Ar-Ge Proje Pazarı Finalistik ödülü, Akdeniz İhracatçılar Birliği (Mersin), December 2014

YILDIZ Ü. C., Erasmus Mobility Programme, Avrupa Birliği, September 2013

YILDIZ Ü. C., Akademik Başarı Ödülü, KTÜ Orman Fakültesi, March 2013

YILDIZ Ü. C., Most Cited Articles Awarded, 2005 to 2008, Building and Environment, Elsevier, Oxford, United Kingdom, March 2009

YILDIZ Ü. C., Ron Cockcroft Award, International Research Group on Wood Protection (IRG-WP), May 2007

YILDIZ Ü. C., Tübitak Bilimsel Eserleri Teşvik Ödülü, TÜBİTAK, June 2000

Non Academic Experience

KTÜ ORMAN FAKÜLTESİ