Prof. CENK DEMİRKIR

Personal Information

Email: cenk@ktu.edu.tr
Web: https://avesis.ktu.edu.tr//cenk

International Researcher IDs
ORCID: 0000-0003-2503-8470
Publons / Web Of Science ResearcherID: AAT-3528-2020
Yoksis Researcher ID: 19481

Education Information

Doctorate, Karadeniz Technical University, Orman Fakültesi/Fen Bilimleri Enstitüsü, Orman Endüstri Mühendisliği/Odun Mekaniği Ve Teknolojisi, Turkey 2006 - 2012
Postgraduate, Karadeniz Technical University, Orman Fakültesi/Fen Bilimleri Enstitüsü, Orman Endüstri Mühendisliği/Odun Mekaniği Ve Teknolojisi, Turkey 2003 - 2006
Undergraduate, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, Turkey 1999 - 2003

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Hibe Projesi Tam Başvuru Hazırlama Eğitimi, Avrupa Birliği İnsan Kaynaklarının Geliştirilmesi Operasyonel Programı, 2013
Foreign Language, Learn English, Immigrant Services Society of British Columbia Language College, 2010

Dissertations

Doctorate, ÇAM TÜRLERİNDEN ELDE EDİLEN KAPLAMALARIN YAPI MAKSATLI KONTRPLAK ÜRETİMİNDE DEĞERLENDİRİLMESİ, Karadeniz Technical University, Fen Bilimleri, Orman Endüstri Mühendisliği , 2012
Postgraduate, KONTRPLAK ÜRETİMİ SIRASINDA OLUŞAN ODUNSU ATIK VE ARTIK MATERYALLERİN YONGALEVHA ÜRETİMİNDE DEĞERLENDİRİLMESİ, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Orman Endüstri Mühendisliği / Odun Mekaniği Ve Teknolojisi, 2006

Research Areas

Agricultural Sciences, Forestry, Forest Industry Engineering, Wood Mechanics and Technology, Civil Engineering, Structure, Timber Structures, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2015 - Continues
Assistant Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2013 - 2015
Lecturer PhD, Karadeniz Technical University, Of Teknoloji Fakültesi, Ağaç İşleri Endüstri Mühendisliği, 2011 - 2013
Research Assistant, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2005 - 2011

Academic and Administrative Experience

Vice Dean, Karadeniz Technical University, 2016 - 2020

Courses

Bitirme, Undergraduate, 2015 - 2016, 2014 - 2015
Ahşap Laminasyon Teknolojisi, Undergraduate, 2014 - 2015
Proje, Undergraduate, 2014 - 2015

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Artificial neural-network optimisation of nail size and spacings of plywood shear wall**
DEMİR A., DEMİRKIR C., ÖZŞAHİN Ş., AYDIN İ.
WOOD MATERIAL SCIENCE & ENGINEERING, vol.18, no.1, pp.97-106, 2023 (SCI-Expanded)

II. **Diagnosis and Monitoring of Historical Timber Velipasa Han Building Prior to Restoration**
GÜNAYDIN M., DEMİRKIR C., ALTUNIŞIK A. C., GEZER E. D., GENÇ A. F., OKUR F. Y.
INTERNATIONAL JOURNAL OF ARCHITECTURAL HERITAGE, vol.17, no.2, pp.285-309, 2023 (SCI-Expanded)

III. **Prediction of Optimum Expanded Polystyrene Densities for Best Thermal Insulation Performances of Polystyrene Composite Particleboards by Using Artificial Neural Network**
ÖZTÜRK H., DEMİR A., DEMİRKIR C.
DRVNA INDUSTRIJA, vol.73, no.4, pp.385-395, 2022 (SCI-Expanded)

IV. **Optimization of pressing parameters for the best mechanical properties of wood veneer/polystyrene composite plywood using artificial neural network**
ÖZTÜRK H., DEMİR A., DEMİRKIR C.
EUROPEAN JOURNAL OF WOOD AND WOOD PRODUCTS, vol.80, no.4, pp.907-922, 2022 (SCI-Expanded)

V. **The Effect of Sheathing Material on Racking Performance of Plywood Shear Wall**
Demirkir C., Demir A., Ozturk H., Aydin I.
DRVNA INDUSTRIJA, vol.73, no.1, pp.25-34, 2022 (SCI-Expanded)

VI. **Assessment of modal characteristics of cross-laminated timber beams subject to successive damages**
GENÇ A. F., KAHYA V., ALTUNIŞIK A. C., GÜNAYDIN M., DEMİRKIR C.
ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING, vol.21, no.3, 2021 (SCI-Expanded)

VII. **Effect of Veneer Drying Process on Some Technological Properties of Polystyrene Composite Plywood Panels**
ÖZTÜRK H., DEMİR A., DEMİRKIR C., ÇOLAKOĞLU G.
DRVNA INDUSTRIJA, vol.70, no.4, pp.369-376, 2019 (SCI-Expanded)

VIII. **Thermal insulation properties of hybrid textile reinforced biocomposites from food packaging waste**
Hassanin A. H., Candan Z., DEMİRKIR C., Hamouda T.
JOURNAL OF INDUSTRIAL TEXTILES, vol.47, no.6, pp.1024-1037, 2018 (SCI-Expanded)

IX. **EFFECTS OF PLASMA SURFACE TREATMENT ON BENDING STRENGTH AND MODULUS OF ELASTICITY OF BEECH AND POPLAR PLYWOOD**
DEMİRKIR C., AYDIN İ., ÇOLAK S., ÖZTÜRK H.
MADERAS-CIENCIA Y TECNOLOGIA, vol.19, no.2, pp.195-202, 2017 (SCI-Expanded)

X. **Utilization of bark flours as additive in plywood manufacturing**
AYDIN İ., DEMİRKIR C., ÇOLAK S., ÇOLAKOĞLU G.
EUROPEAN JOURNAL OF WOOD AND WOOD PRODUCTS, vol.75, no.1, pp.63-69, 2017 (SCI-Expanded)

XI. **Influence of Aging Procedure on Bonding Strength and Thermal Conductivity of Plywood Panels**
DEMİRKIR C., ÇOLAKOĞLU G., ÇOLAK S., AYDIN İ., Candan Z.
ACTA PHYSICA POLONICA A, vol.129, no.6, pp.1230-1234, 2016 (SCI-Expanded)

XII. **The effect of plasma treatment on mechanical properties, surface roughness and durability of plywood treated with copper-based wood preservatives**
TEMİZ A., Akbas S., AYDIN İ., DEMİRKIR C.
WOOD SCIENCE AND TECHNOLOGY, vol.50, no.1, pp.179-191, 2016 (SCI-Expanded)

XIII. **THE EFFECT OF GRAIN DIRECTION ON LATERAL NAIL STRENGTH AND THERMAL CONDUCTIVITY OF STRUCTURAL PLYWOOD PANELS**
DEMİRKIR C., ÇOLAKOĞLU G.
MADERAS-CIENCIA Y TECNOLOGIA, vol.17, no.3, pp.469-478, 2015 (SCI-Expanded)

XIV. **Effects of plasma treatment and sanding process on surface roughness of wood veneers**
DEMİRKIR C., AYDIN İ., ÇOLAK S., ÇOLAKOĞLU G.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.38, no.5, pp.663-667, 2014 (SCI-Expanded)

XV. **Some technological properties of wood-styrofoam composite panels**
DEMİRKIR C., ÇOLAK S., AYDIN İ.
COMPOSITES PART B-ENGINEERING, vol.55, pp.513-517, 2013 (SCI-Expanded)

XVI. **Optimization of some panel manufacturing parameters for the best bonding strength of plywood**
DEMİRKIR C., ÖZŞAHİN Ş., AYDIN İ., ÇOLAKOĞLU G.
INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.46, pp.14-20, 2013 (SCI-Expanded)

XVII. **EFFECT OF WIDTH OF ANNUAL RING ON TECHNOLOGICAL PROPERTIES OF PLYWOOD PANELS MANUFACTURED FROM STONE PINE (PINUS PINEA L.)**
DEMİRKIR C., AYDIN İ., ÇOLAK S., ÇOLAKOĞLU G.
WOOD RESEARCH, vol.58, no.1, pp.147-150, 2013 (SCI-Expanded)

XVIII. **Effect of Manufacturing Factors on Technological Properties of Plywood from Northern Turkey and Suitability of Panels for Use in Shear Walls**
DEMİRKIR C., ÇOLAKOĞLU G., Karacabeyli E.
JOURNAL OF STRUCTURAL ENGINEERING, vol.139, no.12, 2013 (SCI-Expanded)

XIX. **Utilization Potential of Waste from Window Joints for Particleboard**
ÇOLAK S., NEMLİ G., DEMİRKIR C., AYDIN İ., DEMİREL S.
JOURNAL OF COMPOSITE MATERIALS, vol.45, no.1, pp.29-37, 2011 (SCI-Expanded)

XX. **Activation of Spruce Wood Surfaces by Plasma Treatment After Long Terms of Natural Surface Inactivation**
AYDIN İ., DEMİRKIR C.
PLASMA CHEMISTRY AND PLASMA PROCESSING, vol.30, no.5, pp.697-706, 2010 (SCI-Expanded)

XXI. **Effects of moisture content on formaldehyde emission and mechanical properties of plywood**
Aydin I., Colakoglu G., Colak S., Demirkir C.
BUILDING AND ENVIRONMENT, vol.41, no.10, pp.1311-1316, 2006 (SCI-Expanded)

XXII. **Technological and economic comparison of the usage of beech and alder wood in plywood and laminated veneer lumber manufacturing**
Toksoy D., Colakoglu G., Aydın İ., Colak S., Demirkir C.
BUILDING AND ENVIRONMENT, vol.41, no.7, pp.872-876, 2006 (SCI-Expanded)

XXIII. **Characteristics of plywood panels produced with urea formaldehyde resin (UF) containing borax**
Colakoglu G., Demirkir C.
HOLZ ALS ROH-UND WERKSTOFF, vol.64, no.3, pp.250-251, 2006 (SCI-Expanded)

XXIV. **Characteristic of Plywood Panels Produced Wıth Urea Formaldehyde Resin (UF) Containing Boraks**
ÇOLAKOĞLU G., DEMİRKIR C.
HOLZ ALS ROH-UND WERKSTOFF, vol.64, no.3, pp.250-251, 2006 (SCI-Expanded)

XXV. **Some Technological Properties of Laminated Veneer Lumber Manufactured from Pine Pinus sylvestris L Veneers with Melamine Added UF Resins**
ÇOLAK S., AYDIN İ., ÇOLAKOĞLU G., DEMİRKIR C.
Turkish Journal Of Agriculture And Forestry, vol.28, no.2, pp.109-113, 2004 (SCI-Expanded)

Articles Published in Other Journals

I. **Türk ahşap konut örneği Nemlioğlu Konağı\u2019nın mekanik direnç özelliklerinin tahribatsız test teknikleriyle incelenmesi**
GEZER E. D., DEMİRKIR C., ÖZDEMİR T.
Mobilya ve ahşap malzeme araştırmaları dergisi (Online), vol.4, no.2, pp.138-144, 2021 (Peer-Reviewed Journal)

II. **Structural Performance Analysis of Cross Laminated Timber (CLT) Produced From Pine and Spruce Grown in Turkey**
Birinci A. U., Öztürk H., Demirkır C., Çolakoğlu G.
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.5, no.5, pp.819-824, 2020 (Peer-Reviewed Journal)

III. **The Effects of Polystyrene Species and Fiber Direction on Thermal Conductivity of Plywood**
Birinci A. U., Öztürk H., Yücesoy D., Demirkır C.
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.5, no.5, pp.825-828, 2020 (Peer-Reviewed Journal)

IV. **Structural Performance Analysis of Cross Laminated Timber (CLT) Produced From Pine and Spruce Grown in Turkey**
BİRİNCİ A. U., ÖZTÜRK H., DEMİRKIR C., ÇOLAKOĞLU G.
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.5, no.5, pp.819-824, 2020 (Peer-Reviewed Journal)

V. **MECHANICAL PROPERTIES OF WOOD MEMBERS IN SANTA MARIA CHURCH**
GEZER E. D., DEMİRKIR C., ÖZDEMİR T.
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.5, no.5, pp.863-866, 2020 (Peer-Reviewed Journal)

VI. **The effects of wood species, nail size, grain direction and layer numbers on lateral nail strength of structural plywood panels**
Demir A., Demirkır C., Aydın İ.
Sigma Journal of Engineering and Natural Sciences, vol.11, no.2, pp.141-148, 2020 (ESCI)

VII. **Effect of drying types and polystyrene density on thermal conductivity of polystyrene composite particleboard**
Demirkır C., Öztürk H., Çolakoğlu G.
Wood Industry and Engineering, vol.1, no.2, pp.57-62, 2019 (Peer-Reviewed Journal)

VIII. **Investigation of Thermal Conductivity of Wood Sandwich Panels with Aluminium and Polypropylene Core**
ASLAN M., ÖZTÜRK H., DEMİRKIR C.
Journal of Anatolian Environmental and Animal Sciences, vol.4, no.4, pp.647-650, 2019 (Peer-Reviewed Journal)

IX. **THE EFFECT OF SOME TECHNOLOGICAL PROPERTIES OF PLYWOOD PANELS ON SEISMIC RESISTANT PERFORMANCE OF WOODEN SHEAR WALL**
DEMİR A., DEMİRKIR C., AYDIN İ.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.10, no.1, pp.37-45, 2019 (ESCI)

X. **Yapısal Ahşap Ürünlerinin Isı Yalıtım Özellikleri**
ÖZTÜRK H., BİRİNCİ A. U., DEMİRKIR C.
İleri Teknoloji Bilimleri Dergisi, vol.6, no.3, pp.522-527, 2017 (Peer-Reviewed Journal)

XI. **YAPISAL AHŞAP ÜRÜNLERİNİN ISI YALITIM ÖZELLİKLERİ**

ÖZTÜRK H., BİRİNCİ A. U., DEMİRKIR C.
İleri Teknoloji Bilimleri Dergisi, vol.6, no.3, pp.522-527, 2017 (Peer-Reviewed Journal)

XII. **Effects of Press Parameters on Some Technological Properties of Polystren Composite Plywood**
Demirkır C., Öztürk H., Çolakoğlu G.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.17, no.3, pp.517-522, 2017 (ESCI)

XIII. **Effects of Press Parameters on Some Technological Properties of Polystren Composite Plywood**
DEMİRKIR C., ÖZTÜRK H., ÇOLAKOĞLU G.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.17, no.3, pp.517-522, 2017 (Peer-Reviewed Journal)

XIV. **Effects of Press Parameters on Some Technological Properties of Polystren Composite Plywood**
DEMİRKIR C., ÖZTÜRK H., ÇOLAKOĞLU G.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.17, no.3, pp.517-522, 2017 (Peer-Reviewed Journal)

XV. **Effects of press parameters on some technological properties of polystyrene composite plywood**
DEMİRKIR C., ÖZTÜRK H., ÇOLAKOĞLU G.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.17, no.3, pp.517-522, 2017 (ESCI)

XVI. **MÜF Tutkalı Kullanılarak Üretilen Çeşitli Ağaç Türü Kontrplaklarında Presleme Süresinin Formaldehit Emisyonuna Etkileri**
AYDIN İ., DEMİRKIR C., ÇOLAKOĞLU G., ÇOLAK S.
Selçuk Üniversitesi Teknik Online Dergisi, vol.14, pp.590-600, 2015 (Peer-Reviewed Journal)

XVII. **THERMAL CONDUCTIVITY VALUES OF SOME WOOD SPECIES USED IN PLYWOOD INDUSTRY**
DEMİRKIR C., AYDIN İ.
Teknik Online, pp.569-576, 2015 (Peer-Reviewed Journal)

XVIII. **Yongalevha Üretiminde Kontrplak Atıklarının Kullanımı**
ÇOLAK S., ÖZTÜRK H., DEMİR A., DEMİRKIR C.
Selçuk Üniversitesi Teknik Online Dergisi, vol.14, pp.601-612, 2015 (Peer-Reviewed Journal)

XIX. **YONGALEVHA ÜRETİMİNDE KONTRPLAK ATIKLARININ KULLANILMASI**
ÇOLAK S., ÖZTÜRK H., DEMİR A., DEMİRKIR C.
Teknik Online, pp.601-612, 2015 (Peer-Reviewed Journal)

XX. **MÜF TUTKALI İLE ÜRETİLEN ÇEŞİTLİ AĞAÇ TÜRÜKONTRPLAKLARINDA PRESLEME SÜRESİNİN FORMALDEHİTEMİSYONUNA ETKİLERİ**
AYDIN İ., DEMİRKIR C., ÇOLAKOĞLU G., ÇOLAK S.
Selçuk Üniversitesi Teknik Online, pp.590-600, 2015 (Peer-Reviewed Journal)

XXI. **Application of Meta-Heuristic Hybrid Artificial Intelligence Techniques for Modeling of Bonding Strength of Plywood Panels**
DEMİRKIR C., KAHRAMAN H. T., ÇOLAKOĞLU G.
Artvin Coruh University Journal of Forestry Faculty, vol.15, no.1, pp.20-32, 2014 (Peer-Reviewed Journal)

XXII. **The effect of UV Irradiation on Some Technological Properties of Plywood Panels from Veneers Dried at Different Temperatures**
DEMİRKIR C., ÖZGENÇ Ö., ÇOLAKOĞLU G., YILDIZ Ü. C., ÇOLAK S.
Journal Materials Science and Engineering with Advanced Technology, vol.9, pp.27-49, 2014 (Scopus)

XXIII. **The Effect of UV Irradiation on Some Technological Properties of Plywood Panels from Veneers Dried at Different Temperatures**
DEMİRKIR C., ÇOLAKOĞLU G., AYDIN İ., ÇOLAK S., YILDIZ Ü. C., YILDIZ S., ÖZGENÇ Ö.
Journal of Materials Science and Engineering with Advanced Technology, vol.9, no.1, pp.27-49, 2014 (Peer-Reviewed Journal)

XXIV. **The effect of UV Irradiation on Some Technological Properties of Plywood Panels from Veneers Dried at Different Temperatures**
DEMİRKIR C., ÖZGENÇ Ö., ÇOLAKOĞLU G., YILDIZ Ü. C., ÇOLAK S., AYDIN İ.
Journal Materials Science and Engineering with Advanced Technology, vol.9, no.1, pp.27-49, 2014 (Peer-Reviewed Journal)

XXV. **The Effect of UV Irradiation on Some Technological Properties of Plywood Panels from Veneers Dried at Different Temperatures**
DEMİRKIR C., ÖZGENÇ Ö., ÇOLAKOĞLU G., YILDIZ Ü. C., ÇOLAK S., AYDIN İ.
Journal of Materials Science and Engineering with Advanced Technology, vol.9, no.1, pp.27-49, 2013 (Peer-Reviewed Journal)

XXVI. **Çınar Ağacının Kontrplak Üretimi İçin Alternatif Bir Tür Olarak Değerlendirilmesi**
DEMİRKIR C., ÇOLAKOĞLU G., ÇOLAK S., AYDIN İ.
Düzce Üniversitesi Ormancılık Dergisi, vol.9, no.2, pp.9-13, 2013 (Peer-Reviewed Journal)

XXVII. **The Effect Of Veneers Roughness On Bonding And Some Mechanical Properties Of Plywood**
AYDIN İ., DEMİRKIR C., ÇOLAK S., Salca E. A.
Pro Ligno, vol.9, no.1, pp.41-49, 2013 (Peer-Reviewed Journal)

XXVIII. **Ahşap Yapılar ve Deprem**
DEMİRKIR C.
Orman Mühendisliği Dergisi, no.4, pp.24-28, 2012 (Peer-Reviewed Journal)

XXIX. **Kontrplakların Yapı Maksatlı Kullanım Alanları ve Sağladığı Avantajlar**
DEMİRKIR C.
ARTVİN ÇORUH ÜNİVERSİTESİ ORMAN FAKÜLTESİ DERGİSİ, vol.9, no.1, pp.68-76, 2008 (Peer-Reviewed Journal)

XXX. **Odun Kökenli Atıkların Levha Endüstrisinde Yeniden Değerlendirilme İmkanları**
DEMİRKIR C., ÇOLAK S.
Artvin Orman Fakültesi Dergisi, vol.7, no.1, pp.41-50, 2006 (Peer-Reviewed Journal)

XXXI. **Odun Kökenli Atıkların Levha Endüstrisinde Yeniden Kullanım İmkanları**
ÇOLAK S., DEMİRKIR C.
Kafkas Üniversitesi Artvin Orman Fakültesi Dergisi, pp.41, 2006 (Peer-Reviewed Journal)

XXXII. **Melamin-Üre Formaldehit (MÜF) ile Üretilmiş Okume Kontrplakların Bazı Özelliklerine Orta Tabakada Kullanılan Ağaç Türünün Etkisi, Kafkas Üniversitesi**
DEMİRKIR C., ÇOLAKOĞLU G., AYDIN İ., ÇOLAK S.
Artvin Orman Fakültesi Dergisi, vol.6, no.1, pp.94-101, 2005 (Peer-Reviewed Journal)

XXXIII. **Melamin Üre Formaldehit MÜF ile Üretilmiş Okume Kontrplakların Bazı Özelliklerine Orta Tabakada Kullanılan Ağaç Türünün Etkisi**
DEMİRKIR C., ÇOLAKOĞLU G., AYDIN İ., ÇOLAK S.
Kafkas Üniversitesi Artvin Orman Fakültesi Dergisi, pp.94-101, 2005 (Peer-Reviewed Journal)

XXXIV. **Farklı Rutubetteki Soyma Kaplamalardan Melamin ile Modifiye Edilmiş Üre Formaldehit Reçinesiyle Üretilen Kavak (P x eureamericana I 214) Kontrplakların Bazı Mekanik Özellikleri**
AYDIN İ., DEMİRKIR C., ÇOLAKOĞLU G.
Gazi Üniversitesi-Kastamonu Orman Fakültesi Dergisi, vol.3, no.1, pp.88-98, 2003 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **The effects of wood species, nail size, grain direction and layer numbers on lateral nail strength of structural plywood panels**
Demir A., Demirkır C., Aydın İ.
International Forest Products Congress (ORENKO 2020)„ Trabzon, Turkey, 23 - 26 September 2020, pp.36

II. **Türk Ahşap konut Örneği "Nemlioğlu Konağı" nın Mekanik Direnç Özellikleri Açısından İncelenmesi**
GEZER E. D., DEMİRKIR C., ÖZDEMİR T.
III. International Mediterranean Forest and Environment Symposium, 3 - 05 October 2019

III. **The effect of insulation materials on the thermal conductıvıty of wooden structural panels**
Demirkır C., Öztürk H., Birinci A. U.
III. International Mediterranean Forest and Environment Symposium, Kahramanmaraş, Turkey, 3 - 05 October 2019, pp.866-869

IV. **INVESTIGATION OF TURKISH WOODEN HOUSING CASE"NEMLIOĞLU MANSION"IN TERMS OF**

MECHANICAL RESISTANCE PROPERTIES
GEZER E. D., DEMİRKIR C., ÖZDEMİR T.
III. International Mediterranean Forest and Environment Symposium, 3 - 05 October 2019

V. **Thermal Conductivity Coefficient Values Of Polystyrene Composite Plywood**
ÖZTÜRK H., DEMİRKIR C., DEMİR A.
III. International Mediterranean Forest and Environment Symposium, Kahramanmaraş, Turkey, 3 - 05 October 2019, vol.2019, no.1, pp.125-128

VI. **Effects of Layer Numbers and Fiber Direction on Thermal Conductivity of Plywood**
AYDIN İ., DEMİR A., DEMİRKIR C.
1. INTERNATIONAL TECHNOLOGICAL SCIENCES AND DESIGN SYMPOSIUM, Giresun, Turkey, 27 - 29 June 2018, vol.1, pp.1830-1835

VII. **The Effect of Some Technological Properties of Plywood Panels on Seismic Resistant Performance of Wooden Shear Wall**
DEMİR A., DEMİRKIR C., AYDIN İ.
THE INTERNATIONAL FOREST PRODUCTS CONGRESS, Trabzon, Turkey, 26 - 29 September 2018, vol.1, pp.762-770

VIII. **Investigation of Thermal Conductivity of Wood Sandwich Panels with Aluminium and Polypropylene Core**
ASLAN M., ÖZTÜRK H., DEMİRKIR C.
International Forest Product Congress (Orenko), Trabzon, Turkey, 26 - 29 September 2018

IX. **Effect of Drying Types and Polystyrene Density on Thermal Conductivity of PolystreneComposite Particleboard**
DEMİRKIR C., ÖZTÜRK H., ÇOLAKOĞLU G.
THE INTERNATIONAL FOREST PRODUCTS CONGRESS, Trabzon, Turkey, 26 - 29 September 2018, pp.771-777

X. **The Effect of Fiber Orientation in The Middle Layer on Some Technological Properties of Parallel Strand Lumber (PSL)**
ÖZTÜRK H., BİRİNCİ A. U., DEMİRKIR C.
1. INTERNATIONAL TECHNOLOGICAL SCIENCES AND DESIGN SYMPOSIUM, Giresun, Turkey, 27 - 29 June 2018, pp.1931-1937

XI. **Effect of Veneer Drying Types on Some Mechanical Properties of Polystren Composite Plywood**
ÖZTÜRK H., DEMİRKIR C., ÇOLAKOĞLU G.
International Conference on Technology, Engineering and Science (IConTES), Antalya, Turkey, 26 October 2016 - 29 October 2017, pp.11

XII. **The Effect of Growing Regions on Some Technological Properties of Alder**
DEMİRKIR C., ÖZTÜRK H., ÇOLAKOĞLU G.
International Conference on Technology, Engineering and Science, Antalya, Turkey, 26 - 29 October 2017

XIII. **Yapısal Ahşap Ürünlerinin Isı Yalıtım Özellikleri**
ÖZTÜRK H., birinci a. U., DEMİRKIR C.
4nd International Furniture and Decoration Congress, 19 - 21 October 2017

XIV. **YAPISAL AHŞAP ÜRÜNLERİNİN ISI YALITIM ÖZELLİKLERİ**
ÖZTÜRK H., BİRİNCİ A. U., DEMİRKIR C.
4.Uluslararası Mobilya ve Dekorasyon Kongresi, Düzce, Turkey, 19 - 21 October 2017, pp.577-581

XV. **Thermal Insulation Properties Of Structural Wood Products**
ÖZTÜRK H., BİRİNCİ A. U., DEMİRKIR C.
4.Uluslararası Mobilya ve Dekorasyon Kongresi, Düzce, Turkey, 19 - 21 October 2017, pp.577-581

XVI. **Effects of Press Parameters on Some Technological Properties of Polystren Composite Plywood**
DEMİRKIR C., ÖZTÜRK H., ÇOLAKOĞLU G.
International Forestry Symposium, Kastamonu, Turkey, 7 - 10 December 2016

XVII. **Effects of Press Parameters on Some Technological Properties of Polystren Composite Plywood**
DEMİRKIR C., ÖZTÜRK H., ÇOLAKOĞLU G.
International Forestry Symposium, Kastamonu, Turks And Caicos Islands, 7 - 10 December 2016, pp.146

XVIII. **Some Technological Properties of Polystren Composite Plywood Produced From Different Density**

Polystren
DEMİRKIR C., ÖZTÜRK H., ÇOLAKOĞLU G.
International Furniture Congress, 13 - 15 October 2016, pp.423-426

XIX. **SOME TECHNOLOGICAL PROPERTIES OF POLYSTREN COMPOSITE PLYWOOD PRODUCED FROM DIFFERENT DENSITY POLYSYTREN**
DEMİRKIR C., ÖZTÜRK H., ÇOLAKOĞLU G.
II. INTERNATIONAL FURNITURE CONGRESS, Muğla, Turkey, 13 - 15 October 2016, pp.423-426

XX. **Bağlayıcı Türünün Kontrplakların Isıl İletkenlikleri Üzerine Etkisi**
DEMİRKIR C., ÇOLAK S., ÖZTÜRK H., ÇOLAKOĞLU G.
International Multidisciplinary Congress of Eurasian, Odessa, Ukraine, 11 - 13 July 2016, vol.2, pp.709-714

XXI. **Thermal Conductivity of Structural Plywood Panels Affected by Some Manufacturing Parameters and Aging Process**
DEMİRKIR C., ÇOLAKOĞLU G., AYDIN İ., ÇOLAK S.
58th SWST International Convention, Wyoming, United States Of America, 7 - 12 June 2015, pp.312-319

XXII. **MÜF Tutkalı Kullanılarak Üretilen Çeşitli Ağaç Türü Kontrplaklarında Presleme Süresinin Formaldehit Emisyonuna Etkileri**
DEMİRKIR C., ÇOLAKOĞLU G., AYDIN İ., ÇOLAK S.
III Ulusal Mobilya Kongresi, Konya, Turkey, 10 - 12 April 2015, pp.457-461

XXIII. **MÜF Tutkalı İle Üretilen Çeşitli Ağaç Türü Kontrplaklarında Presleme Süresinin Formaldehit Emisyonuna Etkileri**
DEMİRKIR C., ÇOLAKOĞLU G., AYDIN İ., ÇOLAK S.
III. Ulusal Mobilya Kongresi, Konya, Turkey, 10 - 12 April 2015, pp.457-461

XXIV. **Yongalevha üretiminde kontrplak atıklarının kullanılması**
ÇOLAK S., ÖZTÜRK H., DEMİR A., DEMİRKIR C.
3. Ulusal Mobilya Kongresi, Konya, Turkey, 10 - 12 April 2015, pp.249-253

XXV. **Thermal Conductivity Values Of Some Wood Species Used in Plywood Industry**
DEMİRKIR C., AYDIN İ.
III. Ulusal Mobilya Kongresi, Konya, Turkey, 10 - 12 April 2015, pp.420-423

XXVI. **Effect Of Wood Species And Adhesive Types On Thermal Conductivity Of Plywood**
AYDIN İ., DEMİRKIR C., ÇOLAK S., ÇOLAKOĞLU G., ÖZTÜRK H.
25th International Scientific Conference NEW MATERIALS AND TECHNOLOGIES IN THE FUNCTION OF WOODEN PRODUCTS, Zagreb, Croatia, 17 October 2014, pp.59-62

XXVII. **Effect of Wood Species and Adhesie Types on Thermal Conductivity of Plywood**
AYDIN İ., DEMİRKIR C., ÇOLAK S., ÇOLAKOĞLU G., ÖZTÜRK H.
25th International Scientific Conference New Materials and Technologies in The Function of Wooden Produkts, Zagreb, Croatia, 12 - 17 October 2014, pp.59-62

XXVIII. **Effect of Wood Species and Adhesive Types on Thermal Conductivity of Plywood**
AYDIN İ., DEMİRKIR C., ÇOLAK S., ÇOLAKOĞLU G., ÖZTÜRK H.
25th International Conference "New Materials and Technologies in The Function of Wooden Products", Zagreb, Croatia, 17 October 2014, pp.59-62

XXIX. **The effect of UV irradiation on some technological properties of different polyurethane varnishes coated plywood panels from veneers dried at different temperatures**
ÖZGENÇ Ö., YILDIZ Ü. C., DEMİRKIR C.
45.IRG Annual Meeting, Utah, United States Of America, 18 - 23 May 2014, no.45, pp.1-10

XXX. **Polistiren Kompozit Kontrplakların Bazı Teknolojik Özellikleri Üzerine Ağaç Türü ve Yoğunluğun Etkisi**
DEMİRKIR C., ÇOLAKOĞLU G., AYDIN İ., ÇOLAK S.
I. Ulusal Akdeniz Orman ve Çevre Sempozyumu, Kahramanmaraş, Turkey, 26 - 28 October 2011, pp.865-869

XXXI. **Ahşap İskeletli Yapıların Deprem Performansı**
DEMİRKIR C., ÇOLAKOĞLU G., AYDIN İ., ÇOLAK S.
III. Ulusal Karadeniz Ormancılık Kongresi, Artvin, Turkey, 20 - 22 May 2011, pp.1722-1731

XXXII. **Çeşitli Ağaç Kabuğu Unlarının Kontrplaklarda Dolgu Maddesi Olarak Değerlendirilmesi**
DEMİRKIR C., ÇOLAKOĞLU G., AYDIN İ., ÇOLAK S.
III. Ulusal Karadeniz Ormancılık Kongresi, Artvin, Turkey, 20 - 22 May 2011, pp.1819-1824

XXXIII. **Çeşitli Ağaç Kabuğu Unlarının Kontrplaklarda Dolgu Maddesi Olarak Değerlendirilmesi III Ulusal Karadeniz Ormancılık Kongresi ARTVİN TÜRKIYE 20 22 Mayıs 2011 pp 1819 1824**
AYDIN İ., DEMİRKIR C., ÇOLAK S., ÇOLAKOĞLU G.
III. Ulusal Karadeniz Ormancılık Kongresi, Artvin, Turkey, 20 - 22 May 2010, vol.5, pp.1819-1824

XXXIV. **Tüketicilerin Mobilya Tercihinde Etkin Olan Faktörler**
BALABAN Y., YILDIRIM İ., DEMİRKIR C.
14. Ulusal Ergonomi Kongresi, Trabzon, Turkey, 30 October - 01 November 2008, vol.1, pp.260-267

XXXV. **Utilization of Wood Based Waste Materials from Plywood Production for Particleboard Manufacturing**
DEMİRKIR C., ÇOLAKOĞLU G.
International Symposium on Wood Science and Technologoy. International Association of Wood Products Societies (IAWPS), Harbin, China, 27 September - 29 August 2008, pp.501-502

XXXVI. **Pre-Treatment Effect on Wood Cement Particleboard Manufactured with Wood Species Growing in Turkey**
DEMİRKIR C.
International Symposium on Wood Science and Technologoy. International Association of Wood Products Societies (IAWPS), Harbin, China, 27 September - 29 August 2008, pp.469-470

XXXVII. **İç mekanlarda Formaldehit Emisyonu**
DEMİRKIR C., DEMİREL S.
VIII Ulusal Çevre Problemlerine Öğrenci Yaklaşımları Sempozyumu, İstanbul, Turkey, 4 - 06 May 2007, pp.1-5

XXXVIII. **İÇ MEKANLARDA FORMALDEHİT EMİSYONU**
DEMİRKIR C., DEMİREL S.
VIII. Ulusal Çevre Sorunlarına Öğrenci Yaklaşımları, Turkey, 4 - 06 May 2005

XXXIX. **Odun Kökenli Atıkların Hammadde ve Enerji Kaynağı olarak Değerlendirilmesi**
DEMİRKIR C., ÇOLAKOĞLU G., ÇOLAK S.
1. Çevre ve Ormancılık Şürası, Antalya, Turkey, 10 March 2005, pp.1009-1017

XL. **Tutkal Türüne Bağlı Olarak Kaplama Rutubetinin Kontrplakların Formaldehit Emisyonu Üzerine Etkileri**
DEMİRKIR C., AYDIN İ.
V. Ulusal Orman Fakülteleri Öğrenci Kongresi, Trabzon, Turkey, 29 April - 01 May 2004, pp.5-9

Metrics

Publication: 101
Citation (WoS): 368
Citation (Scopus): 422
H-Index (WoS): 10
H-Index (Scopus): 10

Non Academic Experience

Karadeniz Teknik Üniversitesi Fen Bilimleri Ensititüsü