

## Prof. ALİ TEMİZ

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-5098-2019

ScopusID: 8683832000

Yoksis Researcher ID: 55337

### Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 2000 - 2006

Postgraduate, Karadeniz Technical University, Fen Bilimleri, Orman Endüstri Mühendisliği, Turkey 1996 - 2000

Undergraduate, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, Turkey 1992 - 1996

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Benzetilmiş dış ortam koşullarının empenyeli ağaç malzemeye etkileri, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2006

Postgraduate, ÇEŞİTLİ EMPRENYE MADDELERİNİN KIZILAĞAÇ ODUNUNUN(ALNUS GLUTINOSA(L.)GAERTN. SUBSP. BARBATA(C.A.MEY)YALT.)FİZİKSEL VE MEKANİK ÖZELLİKLERİ ÜZERİNE ETKİLERİ, Karadeniz Technical University, Fen Bilimleri, Orman Endüstri Mühendisliği, 2000

### 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, 2014 - Continues

Associate Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2008 - 2014

Assistant Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2007 - 2008

Research Assistant PhD, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2006 - 2007

Research Assistant, Karadeniz Technical University, Fen Bilimleri Enstitüsü, 1998 - 2005

## Academic and Administrative Experience

Dean, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2020 - Continues  
Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2014 - 2016

## Advising Theses

- TEMİZ A., THE EFFECT OF NANO-SIZED COMPOUNDS ON WOOD PRESERVATION (İngilizce), Postgraduate, S.Holy(Student), 2018
- TEMİZ A., ODUN KORUMADA BİTKİSEL YAĞLARIN YANMAYA KARŞI ETKİNLİĞİNİN ARTTIRILMASI, Postgraduate, S.Demir(Student), 2018
- TEMİZ A., Odun Korumada Polimerize Edilmiş Bitkisel Yağların Kullanılabilirliğinin Araştırılması, Doctorate, G.Köse(Student), 2018
- TEMİZ A., INVESTIGATION ON PROPERTIES OF WOOD PLASTIC COMPOSITE MADE OF TREATED WOOD FLOUR WITH TANALITH E AND POLY LACTIC ACID(PLA) (İngilizce), Postgraduate, M.Dalu(Student), 2017
- TEMİZ A., Hizmet Ömrünü Tamamlamış Kreozot İçeren Emprenyeli Ürünlerin Odun-Plastik Kompozitlerinde (OPK) Değerlendirilme Olanaklarının Araştırılması, Doctorate, S.Akbas(Student), 2015
- TEMİZ A., Isıl İşleme muamele edilmiş Gökmar odununun biyolojik, mekanik, fiziksel ve dış ortam dayanımı özellikleri, Postgraduate, O.Emre(Student), 2013
- TEMİZ A., Isıl İşlem Sırasında Açığa Çıkan Katranın Odun Koruma Maddesi Olarak Kullanılabilirliği, Postgraduate, G.Köse(Student), 2012
- TEMİZ A., Kargı (Arundo donax L.) Yıllık Bitkisinden Elde Edilen Biyo-yağın Odun Koruma Maddesi Olarak Etkinliğinin Araştırılması, Postgraduate, S.Akbaş(Student), 2011

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Microencapsulated phase change material/wood fiber-starch composite as novel bio-based energy storage material for buildings**  
Öztürk G., Temiz A., Hekimoğlu G., Aslan M., Köse Demirel G., Erdeyer Ö. N., Sarı A., Gencil O., Subaşı S.  
Journal of Energy Storage, vol.84, 2024 (SCI-Expanded)
- II. **WATER ABSORPTION, THICKNESS SWELLING AND MECHANICAL PROPERTIES OF CEMENT BONDED WOOD COMPOSITE TREATED WITH WATER REPELLENT**  
Yilmazer S., ARAS U., KALAYCIOĞLU H., TEMİZ A.  
MADERAS-CIENCIA Y TECNOLOGIA, vol.25, 2023 (SCI-Expanded)
- III. **Properties of Scots pine wood impregnated with capric acid for potential energy saving building material**  
Amini M. H. M., TEMİZ A., HEKİMOĞLU G., Demirel G., SARI A.  
HOLZFORSCHUNG, vol.76, no.8, pp.744-753, 2022 (SCI-Expanded)
- IV. **Effect of post-heat treatment on fire retardant treated wood properties**  
Ozkan O. E., TEMİZ A., Tor O., Vurdu H.  
HOLZFORSCHUNG, vol.76, no.7, pp.645-657, 2022 (SCI-Expanded)
- V. **Bio-Based Phase Change Materials for Wooden Building Applications**  
Palanti S., Temiz A., Köse Demirel G., Hekimoğlu G., Sarı A., Jebrane M., Schnabel T., Terziev N.  
FORESTS, vol.13, no.4, pp.1-8, 2022 (SCI-Expanded)
- VI. **Physical properties, thermal and fungal resistance of Scots pine wood treated with nano-clay and several metal-oxides nanoparticles**  
Holy S., Temiz A., Köse Demirel G., Aslan M., Mohamad Amini M. H.  
WOOD MATERIAL SCIENCE & ENGINEERING, vol.17, no.3, pp.176-185, 2022 (SCI-Expanded)
- VII. **Decay, insect, and termite resistance of wood modified with epoxidized vegetable oils**

- Demirel G. K., TEMİZ A., Palanti S., Terziev N.  
HOLZFORSCHUNG, vol.75, no.3, pp.281-287, 2021 (SCI-Expanded)
- VIII. **Phase change material impregnated wood for passive thermal management of timber buildings**  
TEMİZ A., HEKİMOĞLU G., KÖSE DEMİREL G., SARI A., Mohamad Amini M. H.  
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.44, no.13, pp.10495-10505, 2020 (SCI-Expanded)
- IX. **Characterization of tanalith E treated wood flour filled polylactic acid composites**  
Dalu M., Temiz A., Altuntas E., Demirel G. K., Aslan M.  
POLYMER TESTING, vol.76, pp.376-384, 2019 (SCI-Expanded)
- X. **Selection of Softwood Species for Structural and Non-Structural Timber Construction by Using the Analytic Hierarchy Process (AHP) and the Multi-Objective Optimization on the Basis of Ratio Analysis (MOORA)**  
ÖZŞAHİN Ş., Singer H., TEMİZ A., YILDIRIM İ.  
BALTIC FORESTRY, vol.25, no.2, pp.281-288, 2019 (SCI-Expanded)
- XI. **Effect of Alkyl Ketene Dimer on the Physical, Mechanical, and Biological Durability of Plywood**  
Demirel G., GÜDÜL H., TEMİZ A., Kustas S., AYDIN İ.  
BIORESOURCES, vol.13, no.1, pp.147-156, 2018 (SCI-Expanded)
- XII. **Micro-distribution, Water Absorption, and Dimensional Stability of Wood Treated with Epoxidized Plant Oils**  
Demirel G., TEMİZ A., Jebrane M., Terziev N., GEZER E. D.  
BIORESOURCES, vol.13, no.3, pp.5124-5138, 2018 (SCI-Expanded)
- XIII. **EFFECTS OF HEAT TREATMENT ON TURKISH FIR WOOD PROPERTIES**  
ÖZKAN O. E., TEMİZ A., Vurdu H.  
WOOD RESEARCH, vol.62, no.5, pp.783-794, 2017 (SCI-Expanded)
- XIV. **A novel approach for the liquefaction of wood powder: usage of pyrolytic bio-oil as a reaction medium**  
Alma M. H., Salan T., TEMİZ A.  
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.40, no.14, pp.1986-2001, 2016 (SCI-Expanded)
- XV. **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., DEMİRKİR C.  
WOOD SCIENCE AND TECHNOLOGY, vol.50, no.1, pp.179-191, 2016 (SCI-Expanded)
- XVI. **Inspection of Wooden Poles in Electrical Power Distribution Networks in Artvin, Turkey**  
GEZER E. D., TEMİZ A., YUKSEK T.  
ADVANCES IN MATERIALS SCIENCE AND ENGINEERING, vol.2015, 2015 (SCI-Expanded)
- XVII. **Effect of Wood Preservatives on Surface Properties of Coated Wood**  
ÖZDEMİR T., TEMİZ A., AYDIN İ.  
ADVANCES IN MATERIALS SCIENCE AND ENGINEERING, vol.2015, 2015 (SCI-Expanded)
- XVIII. **Effect of Chemical Modification on Water Absorption, Dimensional Stability and Biological Durability of Wood**  
Dizman Tomak E., TEMİZ A.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.29, no.4, pp.769-776, 2014 (SCI-Expanded)
- XIX. **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)
- XX. **Effect of bio-oil and epoxidized linseed oil on physical, mechanical, and biological properties of treated wood**  
TEMİZ A., Kose G., Panov D., Terziev N., Alma M. H., Palanti S., Akbas S.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.130, no.3, pp.1562-1569, 2013 (SCI-Expanded)
- XXI. **Chemical Composition and Efficiency of Bio-oil Obtained from Giant Cane (Arundo donax L.) as a**

## Wood Preservative

TEMİZ A., Akbas S., Panov D., Terziev N., Alma M. H., Parlak S., Kose G.  
BIORESOURCES, vol.8, no.2, pp.2084-2098, 2013 (SCI-Expanded)

- XXII. **Effect of accelerated weathering on discoloration and roughness of finished ash wood surfaces in comparison with red oak and hard maple**  
Nzokou P., Kamdem D. P., TEMİZ A.  
PROGRESS IN ORGANIC COATINGS, vol.71, no.4, pp.350-354, 2011 (SCI-Expanded)
- XXIII. **Efficiency of Bio-Oil Against Wood Destroying Organisms**  
Temiz A., Alma M. H., Terziev N., Palanti S., Feci E.  
JOURNAL OF BIOBASED MATERIALS AND BIOENERGY, vol.4, no.4, pp.317-323, 2010 (SCI-Expanded)
- XXIV. **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)
- XXV. **Weathering of copper-amine treated wood**  
Zhang J., Kamdem D. P., TEMİZ A.  
APPLIED SURFACE SCIENCE, vol.256, no.3, pp.842-846, 2009 (SCI-Expanded)
- XXVI. **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)
- XXVII. **Decay resistance of wood treated with boric acid and tall oil derivates**  
TEMİZ A., Alfredsen G., Eikenes M., Terziev N.  
BIORESOURCE TECHNOLOGY, vol.99, no.7, pp.2102-2106, 2008 (SCI-Expanded)
- XXVIII. **Effect of accelerated weathering on surface chemistry of modified wood**  
Temiz A., Terziev N., Eikenes M., Hafren J.  
APPLIED SURFACE SCIENCE, vol.253, no.12, pp.5355-5362, 2007 (SCI-Expanded)
- XXIX. **Weathering, water absorption, and durability of silicon, acetylated, and heat-treated wood**  
Temiz A., Terziev N., Jacobsen B., Eikenes M.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.102, no.5, pp.4506-4513, 2006 (SCI-Expanded)
- XXX. **Evaluation of the mechanical, physical properties and decay resistance of particleboard made from particles impregnated with *Pinus brutia* bark extractives**  
Nemli G., Gezer E. D., Yildiz S., Temiz A., Aydin A.  
BIORESOURCE TECHNOLOGY, vol.97, no.16, pp.2059-2064, 2006 (SCI-Expanded)
- XXXI. **Fungal and termite resistance of wood treated with 4-methoxytrityl tetrafluoroborate**  
Temiz A., Kartal S. N., Alfredsen G., Eikenes M., Demirtas I.  
HOLZ ALS ROH-UND WERKSTOFF, vol.64, no.5, pp.411-414, 2006 (SCI-Expanded)
- XXXII. **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)
- XXXIII. **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)
- XXXIV. **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)
- XXXV. **Surface roughness and color characteristics of wood treated with preservatives after accelerated weathering test**  
Temiz A., Yildiz U., Aydin İ., Eikenes M., Alfredsen G., Colakoglu G.

- APPLIED SURFACE SCIENCE, vol.250, pp.35-42, 2005 (SCI-Expanded)
- XXXVI. **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)
- XXXVII. **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)
- XXXVIII. **Influence of impregnating wood particles with mimosa bark extract on some properties of particleboard**  
Nemli G., KIRCI H., TEMİZ A.  
INDUSTRIAL CROPS AND PRODUCTS, vol.20, no.3, pp.339-344, 2004 (SCI-Expanded)
- XXXIX. **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)
- XL. **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)
- XLI. **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)
- XLII. **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)
- XLIII. **Cultivation of oyster mushroom on waste paper with some added supplementary materials**  
Baysal E., Peker H., Yalinkilic M., Temiz A.  
BIORESOURCETECHNOLOGY, vol.89, no.1, pp.95-97, 2003 (SCI-Expanded)
- XLIV. **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)

## Articles Published in Other Journals

- I. **Ahşap Korumada Çevre Dostu Modifikasyon Yöntemleri**  
KÖSE DEMİREL G., TEMİZ A.  
Selçuk Teknik Dergisi, pp.1016-1032, 2015 (Peer-Reviewed Journal)
- II. **Bullying at Forest Products Industry in Turkey**  
AKYÜZ K. C., Gedik T., BALABAN Y., YILDIRIM İ., TEMİZ A.  
ULUSLARARASI İKTİSADİ VE İDARİ İNCELEMELER DERGİSİ, vol.6, no.11, pp.145-158, 2013 (Peer-Reviewed Journal)
- III. **Ahşap Malzemenin Korunması (Emprenye) ile ilgili sıkça sorulan sorular**  
KÖSE DEMİREL G., TEMİZ A.  
Mobilya Dergisi, no.114, pp.92-98, 2013 (Peer-Reviewed Journal)
- IV. **ASETİLENDİRİLMİŞ LADİN YONGALEVHALARININ ESMER ÇÜRÜKLÜK MANTARINA (Coniophora puteana) KARŞIDAYANIKLILIĞI**  
DİZMAN TOMAK E., YILDIZ Ü. C., YILDIZ S., ASLAN M., TEMİZ A., GEZER E. D.  
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.7, no.2, pp.106-115, 2006 (Peer-Reviewed Journal)
- V. **Asetillendirilmiş Yongalevhaların Esmer Çürüklük Mantarına (Coniophora puteana) Karşı Dayanıklılığı**

- Dizman E., YILDIZ Ü. C., YILDIZ S., ASLAN M., TEMİZ A.  
KÜ Artvin Orman Fakültesi Dergisi, vol.7, no.2, pp.106-115, 2006 (Peer-Reviewed Journal)
- VI. **Asetillendirilmiş Yonga-levhaların Esmer Çürüklük Mantarına (Coniophora puteana) Karşı Dayanıklılığı**  
Dizman Tomak E., YILDIZ Ü. C., YILDIZ S., ASLAN M., TEMİZ A.  
Artvin Orman Fakültesi Dergisi, vol.7, no.2, pp.106-115, 2006 (Peer-Reviewed Journal)
- VII. **Asetillendirilmiş Ladin Yongalevhalarının Esmer Çürüklük Mantarına Coniophora puteana Karşı Dayanıklılığı**  
DİZMAN TOMAK E., YILDIZ Ü. C., YILDIZ S., ASLAN M., TEMİZ A., GEZER E. D.  
Kafkas Üniversitesi Artvin Orman Fakültesi Dergisi, vol.7, no.2, pp.106-115, 2006 (Peer-Reviewed Journal)
- VIII. **Bakır, Krom ve Arseniğin Atıl Haldeki CCA ile Emprenyeli Ağaç Malzemelerden Uzaklaştırılması (Remidasyon)**  
GEZER E. D., YILDIZ Ü. C., TEMİZ A., YILDIZ S., Dizman Tomak E.  
KÜ Artvin Orman Fakültesi Dergisi, vol.5, pp.171-182, 2004 (Peer-Reviewed Journal)
- IX. **Bakıra Toleranslı Mantarların Çürüklük Mekanizması**  
GEZER E. D., YILDIZ Ü. C., TEMİZ A., YILDIZ S., Dizman Tomak E.  
KÜ Artvin Orman Fakültesi Dergisi, vol.5, no.3, pp.193-199, 2004 (Peer-Reviewed Journal)
- X. **Bakır İçeren Emprenye Maddelerinin Odunla Olan Etkileşimi**  
TEMİZ A., YILDIZ Ü. C., GEZER E. D., YILDIZ S., Dizman Tomak E.  
KÜ Artvin Orman Fakültesi Dergisi, vol.5, no.3, pp.204-211, 2004 (Peer-Reviewed Journal)
- XI. **CCA (Bakır, Krom, Arsenik) Emprenye Maddesinin Yıkama Mekanizması**  
GEZER E. D., YILDIZ Ü. C., TEMİZ A., YILDIZ S., Tomak E. D.  
KÜ Artvin Orman Fakültesi Dergisi, vol.5, pp.9-17, 2004 (Peer-Reviewed Journal)
- XII. **CCA'nın Kızılağaç Odununun Mekanik Özellikleri Üzerine Etkisi**  
TEMİZ A., YILDIZ Ü. C., GEZER E. D., YILDIZ S., Dizman Tomak E.  
KÜ Artvin Orman Fakültesi Dergisi, vol.5, pp.18-23, 2004 (Peer-Reviewed Journal)
- XIII. **Odun Kompozitlerinin Koruyucu Maddelerle Emprenye Edilebilme Olanakları**  
GEZER E. D., YILDIZ Ü. C., TEMİZ A., YILDIZ S.  
KÜ Artvin Orman Fakültesi Dergisi, vol.4, pp.1-7, 2003 (Peer-Reviewed Journal)
- XIV. **Odun Koruma Endüstrisinde Çevre Kirliliğini Azaltıcı Teknikler**  
YILDIZ S., GEZER E. D., TEMİZ A., Dizman E.  
Gazi Üniversitesi Orman Fakültesi Dergisi, vol.3, no.1, pp.99-113, 2003 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Fungicides and Insecticides Used in Wood Preservation**  
TEMİZ A.  
in: In Deterioration and Protection of Sustainable Biomaterials, Schultz T.P., Goodell B., Nicholas D.D., Editor, American Chemical Society See ACS Publications, Washington, pp.154-168, 2014
- II. **Nanotechnology for Wood-Based Panels**  
TEMİZ A.  
in: Performance in Use and New Products of Wood Based Composites, Fan M., Ohlmeyer, M., Irle M., Halvoet W., Athanassiadou E., Rochester I., Editor, Brunel University Press Ap, London, London, pp.285-293, 2009
- III. **Wood-based panels from alternative raw materials**  
Alma M. H., TEMİZ A., KALAYCIOĞLU H.  
in: Performance in Use and New Products of Wood Based Composites, Fan M., Ohlmeyer M., Irle M., Haelvoet W., Athanassiadou E., Rochester I., Editor, Brunell Institute Of Education, University Of London, London, pp.267-282, 2009
- IV. **Chapter 13**  
ALMA M. H., TEMİZ A., KALAYCIOĞLU H.

in: Wood based Panels from Alternativ Raw Materials Chapter 13 Performance in Use and New Products of Wood Based Composites COST E 49 Processes and Performance of Wood Based Panels, Heiko Thoemen, Mark Irlle, Milan Sernek , Editor, Brunel Universty Pres, London ,UB8 3PH, England, Eppingen, pp.267-285, 2009

## Refereed Congress / Symposium Publications in Proceedings

- I. **Wood composite from Hevea Brasiliensis sawdust and thermoplastic starch**  
Johari N. I., Amini M. H. M., Rahman R., Mohamed M., Sobri S. A., Sulaiman N. S., TEMİZ A.  
7th International Conference on Green Design and Manufacture 2021, IConGDM 2021, Virtual, Online, Malaysia, 8 - 09 September 2021, vol.2750
- II. **Farklı Ağaç Türlerinden Elde Edilen Biyokömürün Isıl Değer Etkinliklerinin Veri Zarflama Analizi İle Belirlenmesi**  
YILDIRIM İ., AKYÜZ K. C., TEMİZ A.  
III. International Mediterranean Forest and Environment Symposium, 3 - 05 October 2019
- III. **Emprenyeli Kızılağacın Dış Ortam Dayanımı**  
TEMİZ A., KÖSE DEMİREL G., Kılınç S.  
III. International Mediterranean Forest and Environment Symposium, Kahramanmaraş, Turkey, 3 - 05 October 2019, pp.155
- IV. **Decay and Insect Resistance of Modified Wood with Epoxidized Plant Oils**  
KÖSE DEMİREL G., TEMİZ A., PALANTI S., TERZIEV N.  
Final COST AcO on FP1407 InternaO onal Conference "Living with Modified Wood", Belgrad, Serbia And Montenegro, 12 - 13 December 2018, pp.86-87
- V. **Epoksitlendirilmiş Bitkisel Yağların ve Nano-Kilin Odunun Su Alması ve Yanma Özellikleri Üzerine Etkisi**  
DEMİR S., TEMİZ A., KÖSE DEMİREL G.  
4th International Non-Wood Forest Products Symposium, Bursa, Turkey, 4 - 06 October 2018, pp.132-140
- VI. **Leaching and thermal properties of fire retardants treated wood**  
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- TEMİZ A., GEZER E. D., YILDIZ S., TUBİTAK Project, Artvin Yöresinde CCA ile Emprenyeli Tel Direklerinden Yıkanan Bakır, Krom ve Arseniğin Toprak ve Su Kaynakları Üzerindeki Etkisinin Belirlenmesi ve Kullanım Süresini Tamamlamış CCA ile Emprenyeli Ağaç Malzemelerden Bakır, Krom ve Arseniğin Uzaklaştırılması., 2008 - 2012
- TEMİZ A., Project Supported by Other Official Institutions, Ahşap Koruma Yöntemlerinin Kullanımının Yaygınlaştırılması Amacıyla KOBİ'lerin Kullanımına Yönelik Yenilik İçeren Bir Emprenye Makinesi Geliştirilmesi, 2010 - 2011
- TEMİZ A., TUBİTAK Project, Çeşitli Bor Bileşiklerinin Masif Ağaç Malzemelerde ve Odun Kompozitlerinde Koruyucu Madde Olarak Değerlendirilmesi Olanakları, 2006 - 2008

TEMİZ A., Other International Funding Programs, Development of innovative non-metal based formulations for wood protection, 2005 - 2008

### **Activities in Scientific Journals**

Wood Material Science and Engineering, Publication Committee Member, 2004 - Continues

### **Memberships / Tasks in Scientific Organizations**

Orman Mühendisleri Odası, Member, 2002 - Continues, Turkey

### **Metrics**

Publication: 156

Citation (WoS): 1317

Citation (Scopus): 1431

H-Index (WoS): 20

H-Index (Scopus): 21

### **Congress and Symposium Activities**

V Congreso Nacional De Proteccion De La Madera, Invited Speaker, Spain, 2008

### **Invited Talks**

Green Technologies on Wood Protection, Conference, Universiti Malaysia Kelantan, Malaysia, May 2021

Research on Silicones and Oils as Hydrophobic Agents, Conference, V Congreso Nacional De Proteccion De La Madera, Spain, June 2008

### **Scholarships**

Scholarship (FPInnovation, Vancouver, Canada), University, 2013 - 2013

Post Doc (Michigan State Univ., USA), University, 2008 - 2008

Short Term Scholar (SLU, Sweden), University, 2008 - 2008

Post Doc (SLU, Sweden), Official Institutions of Foreign Countries, 2007 - 2007

Post-doc, University, 2006 - 2006

Scholarship (SLU, Sweden), Official Institutions of Foreign Countries, 2005 - 2006

Short Term Scientific Mission, Other International Organizations, 2004 - 2004

Scholarship (Norwegian Wood Research Ins. Norway), Official Institutions of Foreign Countries, 2002 - 2003

International People College (Denmark), Official Institutions of Foreign Countries, 2002 - 2002

### **Non Academic Experience**

ALTES Orman Ürünleri Mob. Ve Mak. San. Müş.Müh. Hiz. Tic.Ltd.Şti.