

## 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.  
BIORESOURTE TECHNOLOGY, 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**  
ÖZKAN O. E., VURDU H., TEMİZ A., TOR Ö.  
The Second International Conference on ECO-friendly Flame Retardant Additives and Materials, Metz, France, 28 - 29 March 2018
- VII. **Investigation of Mechanical Properties of Biodegradable PLA Composites**  
Dalu M., ALTUNTAŞ E., ASLAN M., TEMİZ A.  
1st International Symposium on Light Alloys and Composite Materials, 22 - 24 March 2018
- VIII. **Investigation of Mechanical Properties of Biodegradable PLA Composites**  
DALU M., ALTUNTAŞ E., ASLAN M., TEMİZ A.  
1st International Symposium of Light Alloys and Composite Materials (ISLAC2018), Karabük, Turkey, 22 - 24 March 2018
- IX. **Micro-distribution of Epoxidized Oils in Wood**  
KÖSE DEMİREL G., TEMİZ A., GEZER E. D.  
COST FP1407 3rd International Conference- Wood Modification Research and applications, Kuchl, Austria, 14 - 15 September 2017, pp.65-66
- X. **The Outdoor Durability of the Picnic Tables Constructed from Different Wood Species Impregnated With Tanalith E and Celcure Ac 500**  
KÖSE DEMİREL G., TEMİZ A., KILINC S., DEMİREL S., AKBAS S.  
II. International Furniture Congress, 13 - 15 October 2016
- XI. **EVALUATION OPPORTUNITIES OF IMPREGNATED PRODUCTS CONTAINING CREOSOTE THAT COMPLETED THE SERVICE LIFE IN WOOD PLASTIC COMPOSITES (WPCs): SURFACE CHANGES UNDER ACCELERATED WEATHERING**  
Akbaş S., TEMİZ A., GEZER E. D., KÖSE DEMİREL G.  
II. International Furniture Congress, Muğla, Turkey, 13 - 15 October 2016, pp.386-392

- XII. **THE OUTDOOR DURABILITY OF THE PICNIC TABLES CONSTRUCTED FROM DIFFERENT WOOD SPECIES IMPREGNATED WITH TANALITH E AND CELCUREAC 500**  
KÖSE DEMİREL G., TEMİZ A., Kılınç S., DEMİREL S., Akbas S.  
II. Uluslararası Mobilya Kongresi, 13 - 15 October 2016
- XIII. **wood plastic composites made of recycled and remediated creosote treated wood aspects on screw withdrawal properties**  
Akbas S., TEMİZ A., ALMA M. H.  
COST Action FP1407 2nd Conference, 29 - 30 September 2016
- XIV. **DIMENSIONAL STABILITY AND MECHANICAL PROPERTIES OF EPOXIDIZED VEGETABLE OILS AS WOOD PRESERVATIVES**  
KÖSE DEMİREL G., TEMİZ A., DEMİREL S., Jebrane M., Terziev N., GEZER E. D., ERTAŞ M.  
2nd Conference: Innovative production technologies and increased wood products recycling and reuse, Brno, Czech Republic, 29 - 30 September 2016, pp.49-50
- XV. **Effects of Bio oil Obtained from Laurel *Laurus nobilis* Residues on Biological Physical and Mechanical Properties of Treated Wood**  
Akbaş S., TEMİZ A., Terziev N., ALMA M. H., Palanti S., Feci E.  
International Research Group on Wood Protection Annual Conference, 15 - 19 May 2016
- XVI. **Properties of Wood Plastic Composites Made of Recycled HDPE and Remediated Wood Flour from CCA CCB Treated Wood Removed from Service**  
GEZER E. D., AKBAŞ S., TUFAN M., TEMİZ A.  
47th IRG Annual Meeting, 15 - 19 May 2016
- XVII. **Effects of Bio and Epoxidised Oil on Physical and Biological Properties of Treated Wood**  
TEMİZ A., GEZER E. D., Akbas S., KÖSE DEMİREL G.  
Cost Action FP1407 1st Conference Life Cycle Assessment EPDs and Modified Wood, Koper, Slovenia, 25 - 26 August 2015, pp.52-53
- XVIII. **DNA Protective and Antimicrobial Activity of Juniper and Olive Wood Extracts Annual Meeting of Society of Experimental Biology**  
ÖZKAN O. E., BALOĞLU M. C., TEMİZ A., VURDU H., AKÇA M.  
Annual Meeting of Society of Experimental Biology, 30 June - 03 July 2015
- XIX. **Ahşap Korumada Çevre Dostu Modifikasyon Yöntemleri**  
KÖSE DEMİREL G., TEMİZ A.  
III. Ulusal Mobilya Kongresi, Konya, Turkey, 10 - 12 April 2015, pp.100-113
- XX. **Using Commercial Water Repellent Chemicals on Wood Protection**  
KÖSE G., TEMİZ A., DEMİREL S., ÖZKAN O. E.  
The International Research Group on Wood Protection, St. George, United States Of America, 11 - 15 May 2014, pp.1-13
- XXI. **Borate Redistribution in Glulam in an Above Ground Field Test**  
Morris P., TEMİZ A., Ingram J.  
International Research Group on Wood Protection, St. George, United States Of America, 11 - 15 May 2014, pp.1-9
- XXII. **The Physical Properties of Heat Treated Fir Wood and Outdoor Durability**  
ÖZKAN O. E., Vurdu H., TEMİZ A., KÖSE G.  
The International Research Group on Wood Protection 45th Annual Meeting, Utah, United States Of America, 10 - 15 May 2014, pp.1-9
- XXIII. **Effect of Climate Factors on Wood Veneers Exposed to Outdoor Conditions in Black Sea Region**  
KÖSE G., TEMİZ A., AKBAŞ S., ÖZKAN O. E.  
International Caucasian Forestry Symposium, Artvin, Turkey, 24 - 26 October 2013, pp.870-877
- XXIV. **Bionergy in the Black Sea Basin Countries: Status, Prospects and Possibilities**  
AKBAŞ S., TEMİZ A., Demirci U., Tufan M., Gülenç T.  
International Caucasian Forestry Symposium, Artvin, Turkey, 24 - 26 October 2013, pp.860-865
- XXV. **Cu, Cr and As Distribution in Soils Adjacent to CCA-treated Utility Poles. International Conference on Chemical, Biological and Environment Sciences (ICCEBS'2011) December, 23-24, 2011. Bangkok,**



**Thailand.**

GEZER E. D., YÜKSEK T., TEMİZ A.

International Conference on Chemical, Biological and Environment Sciences (ICCEBS'2011), Bangkok, Thailand, 23 - 24 December 2011, pp.420-423

- XXVI. **Cu Cr and As Distribution in Soils Adjacent to CCA treated Utility Poles December 23 24 2011 Bangkok Thailand International Conference on Chemical Biological and Environment Sciences ICCEBS 2011 Bangkok TAYLAND 23 24 Aralık 2011 pp 420 423**

GEZER E. D., YÜKSEK T., TEMİZ A.

International Conference on Chemical, Biological and Environment Sciences (ICCEBS'2011), Thailand, 23 - 24 December 2011

- XXVII. **Effects of Coatings on the Leachability, Decay Resistance And Toxicity of Pine Treated with some Copper Based Wood Preservatives. , 4-6 November, 2010, Trabzon Turkey.**

TEMİZ A., GEZER E. D.

1st International Symposium on Turkish Japanese Environment and Forestry, Trabzon, Turkey, 4 - 06 November 2010, pp.1-7

- XXVIII. **Effects of Coatings on the Leachability Decay Resistance And Toxicity of Pine Treated with some Copper Based Wood Preservatives 4 6 November 2010 Trabzon Turkey TRABZON TÜRKIYE 4 6 Kasım 2010 pp 1 7**

TEMİZ A., GEZER E. D.

1st International Symposium on Turkish Japanese Environment and Forestry, Turkey, 4 - 06 November 2010

- XXIX. **Boron leachability and dimensional stability of pine wood treated with DOT and vegetable oils**  
TEMİZ A., Kamdem P., Shukla S.

The 1st International Symposium on Turkish-Japanese Environment and Forestry, Trabzon, Turkey, 4 - 06 November 2010, pp.695-701

- XXX. **Artvin ve Yöresinde Tel Direklerindeki Kusur ve Tahribatların Tespiti Cilt IV 1665 1680 20 22 Mayıs 2010 Artvin**

GEZER E. D., TEMİZ A., YÜKSEK T.

III. Ulusal Karadeniz Ormancılık Kongresi, Artvin, Turkey, 20 - 22 May 2010, vol.4, pp.1665-1680

- XXXI. **Dimensional stability and decay resistance of hardwood species Growing in Turkey**

TEMİZ A., akbaş s., KÖSE G.

The 4th Conference on Hardwood Research and Utilisation in Europe, Sopron, Hungary, 17 - 18 May 2010, pp.163-169

- XXXII. **Effect of Boron Compounds on Some Mechanical Properties of Wood Composites**

KALAYCIOĞLU H., Yıldız Ü. C., Temiz A., Özdemir T., Dönmez Çavdar A.

IV International Boron Symposium, Eskişehir, Turkey, 15 - 17 October 2009, pp.627-636

- XXXIII. **Biological Performance of Boron-based Chemicals Treated Wood Composites**

YILDIZ Ü. C., KALAYCIOĞLU H., YILDIZ S., TEMİZ A., Dizman Tomak E., DÖNMEZ ÇAVDAR A.

, International Research Group on Wood Preservation 39. IRG Annual Conference, Pekin, China, 24 - 28 May 2009, pp.41-50

- XXXIV. **Laboratory and above ground exposure efficacy of silicon-boron treatments**

Terziev N., Panov D., TEMİZ A., Palanti S., Feci E., Daniel G., Daniel G.

International Research Group on Wood Protection, Beijing, China, 24 - 28 May 2009, pp.1-12

- XXXV. **Research on Silicones and Oils as Hydrophobic Agents**

TEMİZ A., Panov D., Terziev N., Hafren J.

V. Wood Modification Congress, San Sebastian, Spain, 12 - 13 June 2008, pp.75-80

- XXXVI. **Hydrophobic characteristics of pyrolysis oil**

TEMİZ A., Alma M. H., Terziev N.

International Research Group on Wood Protection, İstanbul, Turkey, 25 - 29 May 2008, pp.1-5

- XXXVII. **Effect of CCA and Tanalith E on the performance of surface finishing**

ÖZDEMİR T., TEMİZ A., AYDIN İ.

39th Annual Meeting of the IRG (International Research Group on Wood Protection), İstanbul, Turkey, 25 - 28 May

2008, pp.1-10

- XXXVIII. **Odunda Bor Fiksasyonuna yönelik Bazı Yeni Yaklaşımlar**  
Dizman Tomak E., YILDIZ Ü. C., TEMİZ A., YILDIZ S., GEZER E. D.  
II. Ulusal Bor Çalıştayı, Ankara, Turkey, 17 - 18 April 2008, vol.1, pp.159-165
- XXXIX. **The Effects of Chemical Modification on the Biological Properties of Alder and Spruce Particleboards**  
**IRG WP 07 40363**  
YILDIZ Ü. C., DİZMAN TOMAK E., YILDIZ S., TEMİZ A., ASLAN M., GEZER E. D.  
International Research Group on Wood Preservation 38. Annual Conference, Wyoming, United States Of America, 20 - 24 May 2007
- XL. **The effects of chemical modification on the biological properties of alder and spruce particleboards**  
YILDIZ Ü. C., Dizman Tomak E., YILDIZ S., TEMİZ A., ASLAN M., GEZER E. D.  
38. IRG (International Research Group on Wood Protection) Annual Meeting, Wyoming, United States Of America, 20 - 24 May 2007, pp.1-6
- XLI. **Effects of sodium hypochlorite on compression strength and copper retention of spruce wood treated with copper azole and alkaline copper quat**  
Dizman Tomak E., TEMİZ A., Terziyev N., YILDIZ Ü. C.  
International Research Group on Wood Preservation 38. IRG Annual Conference, Jackson Yomin, United States Of America, 20 - 24 May 2007, pp.54-60
- XLII. **The Use of Modulus of Elasticity and Modulus of Rupture to Assess Wood Decay in Laboratory Soil-Bed Test**  
TEMİZ A., YILDIZ Ü. C.  
, International Research Group on Wood Preservation 37. IRG Annual Conference, Tromsø, Norway, 18 - 22 June 2006, pp.38-45
- XLIII. **Çeşitli Kimyasal Maddelerin Ladinin Permeabilitesi Üzerine Etkileri**  
YILDIZ S., YILDIZ Ü. C., Dizman Tomak E., TEMİZ A., GEZER E. D.  
, I. Ulusal Ladin Sempozyumu, Trabzon, Turkey, 20 - 22 October 2005, vol.2, pp.962-969
- XLIV. **Asetillendirilmiş Ladin Yongalevhalarının Bazı Fiziksel Özellikleri,**  
Dizman Tomak E., YILDIZ Ü. C., YILDIZ S., USTAÖMER D., GEZER E. D., TEMİZ A.  
I. Ulusal Ladin Sempozyumu, Trabzon, Turkey, 20 - 22 October 2005, vol.2, pp.986-993
- XLV. **The Second European Conference on Wood Modification**  
YILDIZ S., YILDIZ Ü. C., Dizman Tomak E., GEZER E. D., TEMİZ A.  
The Second European Conference on Wood Modification,, Göttingen, Germany, 6 - 07 October 2005, pp.47-52
- XLVI. **The Effects of chemical modification on the physical and mechanical properties of particleboards produced from alder and spruce chips**  
YILDIZ Ü. C., Dizman Tomak E., KALAYCIOĞLU H., YILDIZ S., TEMİZ A., GEZER E. D.  
the Second European Conference on Wood Modification,, Göttingen, Germany, 6 - 07 October 2005, pp.116-123
- XLVII. **Chemical modification of wood with silicon compounds**  
Terziev N., TEMİZ A.  
The Second European Conference on Wood Modification,, Göttingen, Germany, 6 - 07 October 2005, pp.242-245
- XLVIII. **A Laboratory Scale Evaluation Of Heat Treatment For Some Aspects In Two Important Wood Species In Turkey**  
YILDIZ S., YILDIZ Ü. C., Dizman Tomak E., GEZER E. D., TEMİZ A.  
Second European Conference On Wood Modification, Göttingen, Germany, 6 - 07 October 2005, vol.1, pp.47-52
- XLIX. **The Effects Of Chemical Modification On The Physical And Mechanical Properties Of Alder And Spruce Particleboards**  
YILDIZ Ü. C., Dizman Tomak E., KALAYCIOĞLU H., YILDIZ S., TEMİZ A., GEZER E. D.  
Second European Conference On Wood Modification,, Göttingen, Germany, 6 - 07 October 2005, vol.1, pp.53-62
- L. **Leaching Characteristics of Alder Wood Treated with Copper Based Wood Preservatives**  
TEMİZ A., YILDIZ Ü. C., GEZER E. D., YILDIZ S., Dizman Tomak E.  
International Research Group on Wood Preservation 36. IRG Annual Conference, Bangalore, India, 24 - 28 April 2005, pp.25-34

- LI. **The Effects of Chemical Modification on the Physical Properties of Alder and Spruce Particleboards**  
Dizman Tomak E., YILDIZ Ü. C., KALAYCIOĞLU H., YILDIZ S., TEMİZ A., GEZER E. D.  
36. IRG (International Research Group on Wood Protection) Annual Meeting, Bangalore, India, 24 - 28 April 2005, pp.35-40
- LII. **Use of Common Reed *Phragmites communis* Trin as Raw Material in the Cultivation of *Pleurotus ostreatus***  
GEZER E. D., YILDIZ Ü. C., YILDIZ S., TEMİZ A.  
5. International Conference on Mushroom Products, Shanghai, China, 8 - 12 April 2005, vol.12, pp.258-263
- LIII. **Effects of Different Substrate Combinations on Mycelial Growth Period of *Pleurotus ostreatus***  
YILDIZ S., GEZER E. D., YILDIZ Ü. C., TEMİZ A., Dizman Tomak E.  
5. International Conference on Mushroom Products, Shanghai, China, 8 - 12 April 2005, pp.323-328
- LIV. **Cu, Cr and As in Soils Adjacent to CCA Treated Utility Poles in Eastern Black Sea Region of Turkey**  
GEZER E. D., YILDIZ Ü. C., TEMİZ A., YILDIZ S., Dizman Tomak E.  
, IRG-WP 35. Annual Conference, Ljubljana, Slovenia, 6 - 10 June 2004, pp.14-20
- LV. **The Efficacy of Wood Preservative Treatments in Laboratory Soil - Bed Test**  
TEMİZ A., Nilsson T., YILDIZ Ü. C., GEZER E. D., YILDIZ S.  
35. IRG (International Research Group on Wood Protection) Annual Meeting, Ljubljana, Slovenia, 6 - 10 June 2004, pp.66-70
- LVI. **The Effects of Heat Treatment on Anatomical Changes of Beech Wood**  
YILDIZ Ü. C., GERÇEK Z., SERDAR B., YILDIZ S., GEZER E. D., Dizman Tomak E., TEMİZ A.  
IRG-WP 35. Annual Conference, Ljubljana, Slovenia, 6 - 10 June 2004, pp.56-64
- LVII. **The Effects of Heat Treatment on Anatomical Changes of Beech Wood**  
YILDIZ Ü. C., GERÇEK Z., SERDAR B., YILDIZ S., GEZER E. D., Dizman Tomak E., TEMİZ A.  
35. IRG (International Research Group on Wood Protection) Annual Meeting, Ljubljana, Slovenia, 6 - 10 June 2004, pp.1-6
- LVIII. **The Effects of heat treatment on the toughness of beech wood**  
YILDIZ S., YILDIZ Ü. C., GEZER E. D., TEMİZ A., Dizman Tomak E.  
International Research Group on Wood Protection, Ljubljana, Slovenia, 6 - 10 June 2004, pp.1-5
- LIX. **The Efficacy of wood preservative treatments in laboratory soil-bed test**  
TEMİZ A., Nilsson T., YILDIZ Ü. C., GEZER E. D., YILDIZ S.  
International Research Group on Wood Protection, Ljubljana, Slovenia, 6 - 10 June 2004, pp.1-8
- LX. **Cu, Cr and As in soils adjacent to CCA treated utility poles in eastern black sea region of Turkey**  
GEZER E. D., YILDIZ Ü. C., TEMİZ A., YILDIZ S., Dizman Tomak E.  
International Research Group on Wood Protection, Ljubljana, Slovenia, 6 - 10 June 2004, pp.1-12
- LXI. **Leachability and Decay Resistance of Copper-Treated Wood**  
TEMİZ A., Nilsson T., Demirtaş İ., YILDIZ Ü. C.  
IRG-WP 35. Annual Conference, Ljubljana, Slovenia, 6 - 10 June 2004, pp.37-44
- LXII. **Leachability and decay resistance of copper-treated wood**  
TEMİZ A., Nilsson T., Demirtaş I., YILDIZ Ü. C.  
International Research Group on Wood Protection, Ljubljana, Slovenia, 6 - 10 June 2004, pp.1-6
- LXIII. **Cu, Cr, and As Distribution in Soils Adjacent to CCA Treated Utility Poles in Eastern Black Sea Region of Turkey**  
GEZER E. D., YILDIZ Ü. C., TEMİZ A., YILDIZ S., Dizman Tomak E.  
35. IRG (International Research Group on Wood Protection) Annual Meeting, Ljubljana, Slovenia, 6 - 10 June 2004, pp.27-32
- LXIV. **Utilization of High Performance Wood Using by Some Water Repellents**  
Baysal E., Yalınkılıç M. K., YILDIZ Ü. C., Peker H., Çolak M., Göktaş O., TEMİZ A.  
3. Uluslararası İleri Teknolojiler Sempozyumu, Ankara, Turkey, 18 - 20 August 2003, vol.1, pp.371-381
- LXV. **Accelerated weathering test for the evaluation of wood preservative efficacy**  
TEMİZ A., Eikenes M., YILDIZ Ü. C., Evans F., Jakobsen B.  
International Research Group on Wood Preservation 34th. Annual Conference, Brisbane, Australia, 20 - 25 May

2003, pp.21-29

- LXVI. **The Effects of Heat Treatment on the Specific Gravity of Beech and Spruce Wood**  
YILDIZ S., YILDIZ Ü. C., ÇOLAKOĞLU G., GEZER E. D., TEMİZ A.  
34. IRG (International Research Group on Wood Protection) Annual Meeting, Brisbane, Austria, 18 - 23 May 2003, pp.66-70
- LXVII. **Removing Cu, Cr and As from CCA treated Yellow Pine by Oleic Acid**  
GEZER E. D., YILDIZ Ü. C., YILDIZ S., Dizman Tomak E., TEMİZ A.  
34. IRG (International Research Group on Wood Protection) Annual Meeting, Brisbane, Australia, 18 - 23 May 2003, pp.14-19
- LXVIII. **The Effects of the heat treatment on the specific gravity of beech and spruce wood**  
YILDIZ S., YILDIZ Ü. C., ÇOLAKOĞLU G., TEMİZ A., GEZER E. D.  
International Research Group on Wood Protection, Brisbane, Australia, 14 - 18 May 2003, pp.1-6
- LXIX. **Accelerated Weathering Test For Evaluation of Wood Preservative Efficacy**  
TEMİZ A., Eikenes M., YILDIZ Ü. C., Evans F., Jacobsen B.  
International Research Group on Wood Protection, Brisbane, Australia, 14 - 18 May 2003, pp.1-10
- LXX. **Mechanical Properties of Wood-Polymer Composites Prepared From Fast Growing Species in Turkey, Part I: Poplar (Populus x. Euramericana cv. I-214)-Polymer Composites**  
YILDIZ Ü. C., YILDIZ S., TEMİZ A., GEZER E. D.  
International IUFRO Meeting, Kocaeli, Turkey, 11 - 13 September 2002, pp.321-326
- LXXI. **Mechanical Properties of Wood-Polymer Composites prepared from fast growing species in Turkey, Part II. Pine (Pinus pinaster)- polymer Composites**  
YILDIZ Ü. C., YILDIZ S., TEMİZ A., GEZER E. D.  
IUFRO Meeting, Kocaeli, Turkey, 11 - 13 September 2002, pp.1-7
- LXXII. **Mechanical properties of wood-polymer composites prepared from fast growing species in Turkey, Part I. Poplar (populous x. euramericana cv. I-214)- polymer Composites**  
YILDIZ Ü. C., YILDIZ S., TEMİZ A., GEZER E. D.  
IUFRO Meeting, Kocaeli, Turkey, 11 - 13 September 2002, pp.1-7
- LXXIII. **Mechanical Properties of Wood-Polymer Composites Prepared From Fast Growing Species in Turkey Part II. Pine (Pinus pinaster Ait.)-Polymer Composites**  
YILDIZ Ü. C., YILDIZ S., TEMİZ A., GEZER E. D.  
IUFRO Meeting Management of Fast Growing Plantations, Kocaeli, Turkey, 11 - 13 September 2002, vol.1, pp.201-207
- LXXIV. **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
- LXXV. **Kayın Odununa Uygulanan Isıl İşlemin Eğilme Direnci Üzerine Etkisi**  
YILDIZ S., YILDIZ Ü. C., TEMİZ A., GEZER E. D.  
II. Ulusal Karadeniz Ormanlık Kongresi, Artvin, Turkey, 15 - 18 May 2002, vol.3, pp.868-876
- LXXVI. **Fire resistance of alder wood treated with some chemicals. Part II. Effects of other chemicals on the combustion properties**  
TEMİZ A.  
International Research Group on Wood Protection, Cardiff, United Kingdom, 12 - 17 May 2002, pp.1-8
- LXXVII. **Effect of Heat Treatment on Modulus of Elasticity of Beech Wood,**  
YILDIZ S., ÇOLAKOĞLU G., YILDIZ Ü. C., GEZER E. D., TEMİZ A.  
33. IRG (International Research Group on Wood Protection) Annual Meeting, Cardiff, United Kingdom, 12 - 17 May 2002, pp.1-5
- LXXVIII. **Fire retardant treated wood and plywood: A comparative study. Part III. Combustion properties of treated wood and plywood**  
ÇOLAK S., TEMİZ A., YILDIZ Ü. C., ÇOLAKOĞLU G.  
International Research Group on Wood Protection, Cardiff, United Kingdom, 12 - 17 May 2002, pp.1-8
- LXXIX. **Fire Resistance of Alder Wood Treated with Some Chemicals**

- TEMİZ A., YILDIZ Ü. C.  
IRG 33. Annual Meeting, Cardiff, United Kingdom, 12 - 16 May 2002, pp.89-95
- LXXX. **Effects of heat treatment on modulus of elasticity of beech wood**  
YILDIZ S., ÇOLAKOĞLU G., YILDIZ Ü. C., GEZER E. D., TEMİZ A.  
International Research Group on Wood Protection, Cardiff, United Kingdom, 12 - 17 May 2002, pp.1-9
- LXXXI. **Fire Retardant Wood and Plywood: A Comparative Study**  
ÇOLAK S., TEMİZ A., YILDIZ Ü. C., ÇOLAKOĞLU G.  
IRG 33. Annual Meeting, Cardiff, United Kingdom, 12 - 16 May 2002, pp.37-42
- LXXXII. **Combustion properties of alder wood treated with new environment friendly natural extractives. Part I. Effect of natural tannins on the combustion properties**  
TEMİZ A.  
International Research Group on Wood Protection, Cardiff, United Kingdom, 12 - 17 May 2002, pp.1-8
- LXXXIII. **Combustion Properties of Alder Wood Treated with Some New Environment Friendly Natural Extractives**  
YILDIZ Ü. C., TEMİZ A., GEZER E. D., YILDIZ S.  
33. IRG (International Research Group on Wood Protection) Annual Meeting, Cardiff, United Kingdom, 12 - 17 May 2002, pp.7-12
- LXXXIV. **Physical and Mechanical Properties of Wood-Polymer Composites Prepared From Alder Wood**  
TEMİZ A., YILDIZ Ü. C., GEZER E. D.  
32nd Annual Meeting of The International Research Group on Wood Preservation, Nara, Japan, 13 - 18 May 2001, pp.68-76
- LXXXV. **Physical and mechanical properties of wood-polymer composites prepared from alder wood (*alnus glutinosa* (L.) gaertn. subsp. barbata (c.a.mey.) yalt.)**  
TEMİZ A.  
International Research Group on Wood Protection, Nara, Japan, 20 - 24 April 2001, pp.1-10

## Supported Projects

- GEZER E. D., YILDIZ Ü. C., TEMİZ A., GÜMÜŞKAYA E., TUBİTAK Project, Farklı beyaz çürüklük mantarları ile inkübe edilmiş lignoselülozik materyallerden biyobozunur malzemelerin üretilmesi ve teknolojik özelliklerinin belirlenmesi, 2018 - Continues
- Temiz A., Gezer E. D., Köse Demirel G., TÜBİTAK International Bilateral Joint Cooperation Program Project, Düşük Kaliteli Ağaç Türlerinin Doğal ve Bitkisel Esaslı Polimerler ile Birlikte Yoğunlaştırma İşlemine Tabi Tutularak Özelliklerinin İyileştirilmesi, 2021 - 2023
- Köse Demirel G., Temiz A., Sarı A., Aslan M., Yıldırım İ., Çakır E., H2020 Project, BioBased Phase Changes Materials in Lignocellulose Matrix for Energy Store in Buildings. ERA-NET Smart Energy Systems , 2020 - 2023
- ASLAN M., GEDİKLİ H., AYDEMİR Ö., KORKMAZ Y. T., TÜZÜNER T., YAZAR U., ÇUVALCI H., GÜMRÜK R., PUL S., KÜÇÜKÖMEROĞLU T., et al., Project Supported by Higher Education Institutions, Medikal Ürün Gelişimi için Tasarım ve Üretim Süreçlerinin Kurulumu ve Geliştirilmesi, 2019 - 2021
- Temiz A., Gezer E. D., TUBİTAK Project, Odun Korumada Epoksitlendirilmiş Bitkisel Yağların Kullanılabilirliği ve Borun Yıkanmasına Etkisi, 2014 - 2018
- TEMİZ A., Project Supported by Higher Education Institutions, Kızılağaç Odununun Kullanım Ömrünün Arttırılması Üzerine Araştırmalar, 2011 - 2012
- TEMİZ A., GEZER E. D., YILDIZ S., TUBİTAK Project, Artvin Yöresinde CCA ile Empreyenli Tel Direklerinden Yıkanan Bakır, Krom ve Arseniğin Toprak ve Su Kaynakları Üzerindeki Etkisinin Belirlenmesi ve Kullanım Süresini Tamamlamış CCA ile Empreyenli 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): 1318

Citation (Scopus): 1424

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.