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Personal Information

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Education Information

Doctorate, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği / Odun Mekaniği Ve Teknolojisi, Turkey 2010 - 2016

Postgraduate, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği / Odun Mekaniği Ve Teknolojisi, Turkey 2008 - 2010

Undergraduate, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği/Odun Mekaniği Ve Teknolojisi, Turkey 2004 - 2008

Dissertations

Doctorate, Hammadde Yetiştirme Ortamı, Şekli ve Arazi Yapısı ile Yaşının Yongalevhanın Bazı Kalite Özellikleri Üzerine Etkileri, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği / Odun Mekaniği Ve Teknolojisi, 2016

Postgraduate, Ağaç Türü, Parafin Kullanım Miktarı ve Uygulama Şeklinin Yongalevhanın Fiziksel ve Mekanik özellikleri Üzerine Etkileri, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği / Odun Mekaniği Ve Teknolojisi, 2010

Research Areas

Agricultural Sciences, Forestry, Forest Industry Engineering, Wood Mechanics and Technology

Academic Titles / Tasks

Assistant Professor, Recep Tayyip Erdogan University, Teknik Bilimler Myo, Malzeme Ve Malzeme İşleme Teknolojileri, 2016 - 2018

Lecturer PhD, Recep Tayyip Erdogan University, Teknik Bilimler Myo, Malzeme Ve Malzeme İşleme Teknolojileri, 2012 - 2016

Lecturer, Giresun University, Şebinkarahisar Myo, Malzeme Ve Malzeme İşleme Teknolojileri, 2010 - 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of log position in European Larch (*Larix decidua* Mill.) tree on the technological properties of particleboard**
Muhcu S., NEMLİ G., Ayrilmis N., Bardak S., Baharoglu M., Sari B., Gercek Z.
SCANDINAVIAN JOURNAL OF FOREST RESEARCH, vol.30, no.4, pp.357-362, 2015 (SCI-Expanded)
- II. **Effects of hardener type, urea usage and conditioning period on the quality properties of**

particleboard

Atar I, NEMLİ G., Ayırlımış N., Baharoglu M., Sari B., Bardak S.
MATERIALS & DESIGN, vol.56, pp.91-96, 2014 (SCI-Expanded)

- III. **Effect of paraffin application technique on the physical and mechanical properties of particleboard**
Baharoglu M., NEMLİ G., Sari B., AYRILMIŞ N., Bardak S., Zekovic E.
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.21, no.2, pp.191-195, 2014 (SCI-Expanded)
- IV. **Effects of anatomical and chemical properties of wood on the quality of particleboard**
Baharoglu M., NEMLİ G., Sari B., Birturk T., Bardak S.
COMPOSITES PART B-ENGINEERING, vol.52, pp.282-285, 2013 (SCI-Expanded)
- V. **The role of solid content of adhesive and panel density on the dimensional stability and mechanical properties of particleboard**
Sari B., NEMLİ G., Baharoglu M., Bardak S., ZEKOVIC E.
JOURNAL OF COMPOSITE MATERIALS, vol.47, no.10, pp.1247-1255, 2013 (SCI-Expanded)
- VI. **The Influences of Drying Temperature of Wood Particles on the Quality Properties of Particleboard Composite**
Sari B., NEMLİ G., Ayırlımış N., Baharoglu M., Bardak S.
DRYING TECHNOLOGY, vol.31, no.1, pp.17-23, 2013 (SCI-Expanded)
- VII. **The influence of moisture content of raw material on the physical and mechanical properties, surface roughness, wettability, and formaldehyde emission of particleboard composite**
Baharoglu M., NEMLİ G., Sari B., Bardak S., Ayırlımış N.
COMPOSITES PART B-ENGINEERING, vol.43, no.5, pp.2448-2451, 2012 (SCI-Expanded)
- VIII. **The effect of decor paper properties and adhesive type on some properties of particleboard**
Bardak S., Sari B., NEMLİ G., KIRCI H., Baharoglu M.
INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.31, no.6, pp.412-415, 2011 (SCI-Expanded)
- IX. **Effects of Density Profile and Hot Press Diagram on the Some Technological Properties of Particleboard Composite**
Bardak S., NEMLİ G., Sari B., Baharoglu M., ZEKOVIC E.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.30, pp.31-37, 2011 (SCI-Expanded)
- X. **Effects of acidity of the particles and amount of hardener on the physical and mechanical properties of particleboard composite bonded with urea formaldehyde**
AKYÜZ K. C., NEMLİ G., Baharoglu M., ZEKOVIC E.
INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.30, no.3, pp.166-169, 2010 (SCI-Expanded)
- XI. **Effects of Formaldehyde/Urea Mole Ratio, Panel Density, Shelling Ratio, and Waste Screen Dust on the Physical and Mechanical Properties, and Formaldehyde Emission of Particleboard Composite**
Sari B., NEMLİ G., Bardak S., Baharoglu M., ZEKOVIC E.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.29, no.4, pp.287-294, 2010 (SCI-Expanded)
- XII. **Manufacture and Properties of Particleboard Composite From Waste Sanding Dusts**
Bardak S., NEMLİ G., Sari B., Baharoglu M., ZEKOVIC E.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.29, no.3, pp.159-168, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Effects of Some Thermosetting Adhesives on the Formaldehyde Emission of the Particleboard**
BAHAROĞLU M.
Journal of Anatolian Environmental and Animal Sciences, vol.4, no.3, pp.376-379, 2019 (Peer-Reviewed Journal)
- II. **Odun kompozit levha üretiminde uygulanan bazı modifikasyon teknikleri**
ULUSOY H., BAHAROĞLU M., TAN H., PEKER H.
Batı Akdeniz Ormancılık Araştırma Enstitüsü Dergisi, vol.1, no.15, pp.57-78, 2013 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. SOME TECHNOLOGICAL PROPERTIES OF PARTICLEBOARD MANUFACTURED FROM PRETREATED SCOTS PINE PARTICLES

BAHAROĞLU M.

International Forest Product Congress, ORENKO 2020, Trabzon, Turkey, 23 - 26 September 2020

II. The Changes in The Thickness Swelling of The Particlboard Related to The Board Density and Adhesive Type

BAHAROĞLU M., NEMLİ G.

ORENKO 2018- International Forest Products Congress, Trabzon, Turkey, 26 - 29 September 2018

III. INFLUENCES OF ADHESIVE TYPE AND BOARD DENSITY ON THE MECHANICAL PROPERTIES OF PARTICLEBOARD

BAHAROĞLU M., NEMLİ G.

1. INTERNATIONAL TECHNOLOGICAL SCIENCES AND DESIGN SYMPOSIUM, Giresun, Turkey, 27 - 29 June 2018

Metrics

Publication: 17

Citation (WoS): 137

Citation (Scopus): 142

H-Index (WoS): 7

H-Index (Scopus): 7