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Personal Information

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Education

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 Positions

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

Journal articles indexed in 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., Ayırmis 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., Ayırmis 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., Ayırmis 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., Ayırmis 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 komposit 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)

Papers Presented at Peer-Reviewed Scientific Conferences

- 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, (Summary Text)
- II. **The Changes in The Thickness Swelling of The Particboard Related to The Board Density and Adhesive Type**
BAHAROĞLU M., NEMLİ G.
ORENKO 2018- International Forest Products Congress, Trabzon, Turkey, 26 - 29 September 2018, (Summary Text)
- 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, (Summary Text)

Metrics

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