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Personal Information

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Bahçeköy/Sarıyer/İSTANBUL

Education Information

Doctorate, Istanbul University, Institute of Graduate Studies In Sciences, Orman Endüstri Mühendisliği, Turkey 2011 - 2015

Postgraduate, Kahramanmaraş Sutcu Imam University, Institute Of Science, Orman Endüstri Mühendisliği, Turkey 2008 - 2010

Undergraduate, Kahramanmaraş Sutcu Imam University, Faculty Of Forest, Orman Endüstri Mühendisliği, Turkey 2004 - 2008

Foreign Languages

English, B1 Intermediate

Dissertations

Postgraduate, Bektaş İ. "Paulownia (paulownia Elongata) Odununun Anatomik, Fiziksel Ve Mekanik Özellikleri Ile Kullanım Alanları Üzerine Araştırmalar", Kahramanmaraş Sutcu Imam University, Fen Bilimleri Enstitüsü, Orman Endüstri Mühendisliği, 2010

Research Areas

Agricultural Sciences, Forestry, Forest Industry Engineering, Forest Products Chemistry and Technology, Wood chemistry, Metallurgical and Materials Engineering, Material science and engineering, Testing and Control of Materials, Composites, Polymeric Materials, Cellulosic Materials, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Istanbul University, Institute of Graduate Studies In Sciences, Orman Endüstri Mühendisliği, 2011 - Continues

Research Assistant, Kastamonu University, Faculty Of Forest, Orman Endüstri Mühendisliği, 2011 - 2011

Research Assistant, Kahramanmaraş Sutcu Imam University, Institute Of Science, Orman Endüstri Mühendisliği, 2009 - 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Waste chestnut shell as a source of reinforcing fillers for polypropylene composites**
Kaymakci A., Ayrimis N.
JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.27, no.8, pp.1054-1064, 2014 (SCI-Expanded)
- II. **Surface Properties of Polypropylene Composites Filled With Agricultural Flou**
KAYMAKCI A., AYRILMIŞ N.
BIORESOURCES, vol.8(1), pp.592-602, 2013 (SCI-Expanded)
- III. **Fast growing biomass as reinforcing filler in thermoplastic composites: Paulownia elongata wood**
Ayrimis N., Kaymakci A.
INDUSTRIAL CROPS AND PRODUCTS, vol.43, pp.457-464, 2013 (SCI-Expanded)
- IV. **Reduction of formaldehyde emission from light MDF panels by adding chestnut shell flour**
Ayrimis N., Kaymakci A.
HOLZFORSCHUNG, vol.66, no.4, pp.443-446, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **UTILIZATION OF TINDER FUNGUS AS FILLER IN MANUFACTURE OF HDPE COMPOSITES**
AYRILMIŞ N., KAYMAKCI A., AKKILIÇ H.
PROLIGNO, vol.11, no.4, pp.122-129, 2015 (Peer-Reviewed Journal)
- II. **Determination of Mechanical Behaviour of Wood Polymer Composites Manufactured Using Waste Aluminium Polyethylene (Tetra Pak) and Brass Handle**
Kaymakci A., Ayrimis N., Akbulut T.
TARİH KÜLTÜR VE SANAT ARASTIRMALARI DERGİSİ-JOURNAL OF HISTORY CULTURE AND ART RESEARCH, vol.1, no.4, pp.334-344, 2012 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Paulownia Kerestelerinin Tutkallı Lamine Kesrete Üretiminde Orta Tabakada Kullanım Olanakları**
DÜNDAR T., KAYMAKCI A., Aydoğmuş A.
International Conference on Material Science and Technology, Nevşehir, Turkey, 6 - 08 April 2016, pp.661-664
- II. **UTILIZATION OF TINDER FUNGUS AS FILLER IN MANUFACTURE OF HDPE COMPOSITES**
AYRILMIŞ N., KAYMAKCI A., AKKILIÇ H.
The 10th International Conference "WOOD SCIENCE AND ENGINEERING IN THE THIRD MILLENNIUM" ICWSE 2015 November 5-7, 2015 TRANSILVANIA University, Brasov, ROMANIA, Brasov, Romania, 5 November - 07 December 2015, vol.11, no.4, pp.122-129
- III. **Physical, mechanical, and thermal properties of wood plastic nanocomposites reinforced with multi walled carbon nanotubes**
AYRILMIŞ N., KAYMAKCI A.
Inwood 2015: Innovations in wood materials and processes held by Mendel University, Bruno, Czech Republic, 19 - 22 May 2015, pp.1-9
- IV. **ZEOLİT KULLANILARAK ÜRETİLEN AHŞAP POLİPROPİLEN KOMPOZİTLERİN KARAKTERİZASYONU**
KAYMAKCI A., AKKUŞ M., AYRILMIŞ N., AKBULUT T.
3. MOBİLYA KONGRESİ, Konya, Turkey, 10 - 12 April 2015, pp.674-680
- V. **REÇİNE EMDİRİLMİŞ KÂĞIT ATIKLARI KULLANILARAK ÜRETİLEN AHŞAP POLİPROPİLEN KOMPOZİTLERİN KARAKTERİZASYONU**
AKKUŞ M., KAYMAKCI A., AKBULUT T., AYRILMIŞ N.
3.ULUSAL MOBİLYA KONGRESİ, Konya, Turkey, 10 - 12 April 2015, pp.833-842
- VI. **Mechanical Performance of Wood Plastic Composite Containing Decayed Wood**
AYRILMIŞ N., KAYMAKCI A., GULEC T.
57th SWST International Convention 7th Wood Structure and Properties Conference, 6th European Hardwood

Conference, Zvolen, Slovakia, 23 - 27 July 2014, pp.1-6

VII. Potential Usage of Wood Polymer Composites in Landscape Design

ALP M. A., ALTINÇEKİÇ T. H., Kaymakçı A.

9th Annual International Symposium on Environment, Atina, Greece, 12 - 15 May 2014, pp.1-10

VIII. Influence of Repeated Injection Molding on Some Physical and Mechanical Properties of Wood Polymer Composites

KAYMAKÇI A., AYRILMIŞ N.

10th Annual International Symposium on Environment, Atina, Greece, 12 - 15 May 2014, pp.24

IX. Potential Usage of Wood Polymer Composites in Landscape Design

ALP M. A., ALTINÇEKİÇ T. H., Kaymakçı A.

9th Annual International Symposium on Environment, Atina, Greece, 12 - 15 May 2014, pp.1-10

X. Ahşap Polipropilen Kompozitlerin Üretiminde Mantar Meşesi (Quercus Suber-L) Kabuğunun Kullanılması

KAYMAKCI A., AS N., BEKTAS i., AYRILMIŞ N.

3. Uluslararası Odun Dışı Orman Ürünleri sempozyumu, Kahramanmaraş, Turkey, 8 - 10 May 2014, pp.1016-1022

XI. Some mechanical properties of wood polypropylene composites filled with carpenter wastes

KAYMAKCI A., AYRILMIŞ N., GÜLEÇ T., AKKILIÇ H.

International Caucasia Forestry Symposium, Artvin, Turkey, 24 October 2013 - 26 October 2014, pp.920-923

XII. High Performance Lignocellulosic/Thermoplastic Composite From Rice Husk and Aluminium Polyethylene of Used Beverage Carton

AYRILMIŞ N., AKBULUT T., MERTOĞLU ELMAS G., KAYMAKCI A.

7th. Annual International Symposium on Environment, Atina, Greece, 14 - 17 May 2012

XIII. Nadir Ayrilmis, Turgay Akbulut, Gulnur M. Elmas ve Alperen Kaymakci "High Performance Lignocellulosic/Thermoplastic Composite From Rice Husk and Aluminium Polyethylene of Used Beverage Carton"adlı ortak bildiri Environment Abstracts, Seventh Annual 14-17 High Performance Lignocellulosic/Thermoplastic Composite From Rice Husk and Aluminium Polyethylene of Used Beverage Carton

Ayrılmış N., Akbulut T., MERTOĞLU ELMAS G., Kaymakci A.

International Conference on Environment, Athens Greece, Greece, 14 - 17 May 2012, pp.29

XIV. Thermal Conductivity Coefficient as a Predictor of Wood Strength

KAYMAKCI A., AS N., AYRILMIŞ N., BEKTAS i.

17 th International Nondestructive Testing and Evaluation of Wood Symposium, Sopron, Hungary, 14 - 16 September 2011, vol.2, pp.645

XV. Evaluation of chestnut Shell flour in manufacture of environmentally friendly wood-based panel

AYRILMIŞ N., KAYMAKCI A.

The International Symposium on Recent Advances in Nanocellulose Preparation and Wood Utilization, Chuncheon, South Korea, 18 - 19 August 2011, pp.24-31

Supported Projects

AYRILMIŞ N., DÜNDAR T., AS N., KAYMAKCI A., Project Supported by Higher Education Institutions, Hızlı gelişen tür ağaçlardırmalarında odun kalitesinin tahribatsız muayene yöntemleri ile belirlenmesi, 2014 - 2016

Metrics

Publication: 21

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Citation (Scopus): 84

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