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Trabzon(Merkez)

Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Orman Endüstri Mühendisliği A.B.D., Turkey 1985 - 1989

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Orman Endüstri Mühendisliği A.B.D., Turkey 1982 - 1985

Undergraduate, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, Turkey 1978 - 1982

Dissertations

Doctorate, Sülfat Pişirmesinde Açığa Çıkan Toplam İndirgenmiş Kükürt (Trs) Bileşiklerinin Oksijenle Yükseltgenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Orman Endüstri Mühendisliği A.B.D., 1989

Postgraduate, Soda-Oksijen Yöntemiyle Çavdar (Secale cereale L.) Saplarından Kağıt Hamuru Üretim Koşullarının Belirlenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Lif Ve Kağıt Teknolojisi A.B.D., 1985

Research Areas

Agricultural Sciences, Forestry, Forest Industry Engineering, Forest Products Chemistry and Technology, Forest Products Chemistry, Pulp (pulp), Paper and cardboard production technology, Paper surface coating, Paper packaging technology, Paper recycling, Wood chemistry

Academic Titles / Tasks

Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 1999 - Continues

Associate Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 1994 - 1999

Assistant Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 1990 - 1994

Research Assistant, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 1982 - 1990

Academic and Administrative Experience

Karadeniz Technical University, 2005 - Continues

Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2001 - Continues

Karadeniz Technical University, Fen Bilimleri Enstitüsü, 1994 - Continues

Karadeniz Technical University, 1994 - 1997

Courses

Formasyon Sistemleri, Doctorate, 2014 - 2015
Kağıt Hamuru Ağartma Teknolojisi, Postgraduate, 2014 - 2015
Lif Levha Endüstrisi, Undergraduate, 2014 - 2015
Lamine kağıt üretimi ve özellikleri, Postgraduate, 2014 - 2015
Kağıt Fabrikasyonu, Undergraduate, 2014 - 2015
Yüksek Lisans Tezi, Postgraduate, 2014 - 2015
Kuşe Kağıt Teknolojisi, Postgraduate, 2014 - 2015
Doktora Tezi, Doctorate, 2014 - 2015
Kağıt Üretiminde Kullanılan Pres Düzenlemeleri, Doctorate, 2012 - 2013
Kağıt Kimyasalları, Doctorate, 2013 - 2014
Kağıt Yapımında Tutunma Mekanizmaları, Doctorate, 2013 - 2014
Kağıt Yapımında Tutunma Mekanizmaları, Doctorate, 2013 - 2014
Stok Hazırlama, Doctorate, 2013 - 2014
MDF Üretiminde Formaldehit Tutucu Kullanımı ve Levha Özelliklerine Etkileri, Doctorate, 2012 - 2013
Kağıt Fiziği, Postgraduate, 2011 - 2012
Kuşe Kağıt Üretiminde Kullanılan Pigmentler, Postgraduate, 2011 - 2012
Kağıdın Kalenderlenmesi, Doctorate, 2010 - 2011
Kağıt Kimyası, Postgraduate, 2008 - 2009
Kağıdın Yüzey Kaplanması ve Film Uygulamaları, Postgraduate, 2008 - 2009
Mikro ve Makro Yapışkanlar, Postgraduate, 2008 - 2009
Oluklu Mukavva Üretimi, Postgraduate, 2007 - 2008
Tutunma Mekanizmaları, Postgraduate, 2004 - 2005
Kağıt Makineleri, Postgraduate, 1999 - 2000
Kağıt Laboratuvarı, Postgraduate, 1996 - 1997

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of the adsorption kinetics of methylene blue onto cotton wastes**
Acemioglu B., Ertas M., Alma M. H., USTA M.
TURKISH JOURNAL OF CHEMISTRY, vol.38, no.3, pp.454-469, 2014 (SCI-Expanded)
- II. **The efficiency of tannin as a formaldehyde scavenger chemical in medium density fiberboard**
Boran S., USTA M., ONDARAL S., GÜMÜŞKAYA E.
COMPOSITES PART B-ENGINEERING, vol.43, no.5, pp.2487-2491, 2012 (SCI-Expanded)
- III. **THE EFFECTS OF BORON COMPOUNDS AND DIFFERENT MELAMINE CONTENTS IN MUF RESINS ON SOME PROPERTIES OF MDF PANELS**
Ustaömer D., Usta M.
BIORESOURCES, vol.7, no.1, pp.437-446, 2012 (SCI-Expanded)
- IV. **Decreasing formaldehyde emission from medium density fiberboard panels produced by adding different amine compounds to urea formaldehyde resin**
Boran S., USTA M., GÜMÜŞKAYA E.
INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.31, no.7, pp.674-678, 2011 (SCI-Expanded)
- V. **Effect of fiber modification with carboxymethyl cellulose on the efficiency of a microparticle flocculation system**
ONDARAL S., Kurtulus O. C., USTA M.
CHEMICAL PAPERS, vol.65, no.1, pp.16-22, 2011 (SCI-Expanded)
- VI. **Effects of Dissolved Organic Compounds and Electrolyte on Precipitated Calcium Carbonate Retention in Papermaking**
ONDARAL S., USTA M.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.49, no.23, pp.12185-12190, 2010 (SCI-Expanded)

- VII. **Removal of methylene blue from aqueous solution using cotton stalk, cotton waste and cotton dust**
Ertas M., Acemioglu B., Alma M. H., USTA M.
JOURNAL OF HAZARDOUS MATERIALS, vol.183, pp.421-427, 2010 (SCI-Expanded)
- VIII. **The Synthesis of Water Soluble Cationic Microgels by Dispersion Polymerization: Their Performance in Kaolin Deposition Onto Fiber**
ONDARAL S., USTA M., GÜMÜŞDERELİOĞLU M., ARSU N., Balta D. K.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.116, no.2, pp.1157-1164, 2010 (SCI-Expanded)
- IX. **Termite Resistance of MDF Panels Treated with Various Boron Compounds**
Usta M., Ustaömer D., Kartal S. N., Ondaral S.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.10, no.6, pp.2789-2797, 2009 (SCI-Expanded)
- X. **Effect of ethyl acetate on carbohydrate components and crystalline structure of pulp produced in aqueous acetic acid pulping**
GÜMÜŞKAYA E., USTA M., Ucar M. B.
CHEMICAL PAPERS, vol.63, no.3, pp.284-290, 2009 (SCI-Expanded)
- XI. **Fixation of dissolved and colloidal substances on fibres and silicon oxide surfaces using water soluble cross-linked cationic polymers**
ONDARAL S., USTA M., Wagberg L., Gümüşderelioğlu M., ONDARAL M.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.42, pp.61-69, 2008 (SCI-Expanded)
- XII. **Effect of boron treatment on surface characteristics of medium density fiberboard (MDF)**
Ustaömer D., Usta M., Hizioglu S.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.199, pp.440-444, 2008 (SCI-Expanded)
- XIII. **FIXATION OF DISSOLVED AND COLLOIDAL SUBSTANCES ON FIBERS AND SILICON OXIDE SURFACES USING WATER SOLUBLE CROSSLINKED CATIONIC POLYMERS**
ONDARAL S., USTA M., Wagberg L., GÜMÜŞDERELİOĞLU M., ONDARAL M.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.42, pp.61-69, 2008 (SCI-Expanded)
- XIV. **Comparative Properties of Pulp and Paper Obtained From Kraft-ethanol and Kraft-Ethylene Glycol Properties**
USTA M., BORAN S., GÜMÜŞKAYA E., ONDARAL S., BALABAN M.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.41, pp.313-320, 2007 (SCI-Expanded)
- XV. **Comparative properties of the pulp and paper obtained from kraft-ethanol and kraft-ethylene glycol processes**
USTA M., Boran S., GÜMÜŞKAYA E., ONDARAL S., Balaban M.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.41, pp.311-318, 2007 (SCI-Expanded)
- XVI. **Carbohydrate components and crystalline structure of organosolv hemp (Cannabis sativa L.) bast fibers pulp**
Gumuskaya E., Usta M., Balaban M.
BIORESOURCING TECHNOLOGY, vol.98, no.3, pp.491-497, 2007 (SCI-Expanded)
- XVII. **Dependence of chemical and crystalline structure of alkali sulfite pulp on cooking temperature and time**
Gumuskaya E., usta M. U.
CARBOHYDRATE POLYMERS, vol.65, no.4, pp.461-468, 2006 (SCI-Expanded)
- XVIII. **The Effects of Oxygen and Hydrogen Peroxide (H₂O₂) on the Crystalline Structure of Cellulose During Soda Pulping**
Gümüşkaya E., Usta M., Odabaş Serin Z., Ondaral S., Ustaömer D.
Cellulose Chemistry And Technology, vol.40, pp.259-264, 2006 (SCI-Expanded)
- XIX. **Chemical composition of coniferous wood species occurring in Turkey**
Hafizoglu H., Usta M.
HOLZ ALS ROH-UND WERKSTOFF, vol.63, no.1, pp.83-85, 2005 (SCI-Expanded)
- XX. **Influences of some manufacturing factors on the important quality properties of melamine-impregnated papers**
Nemli G., USTA M.

- BUILDING AND ENVIRONMENT, vol.39, no.5, pp.567-570, 2004 (SCI-Expanded)
- XXI. **Bleaching of chemithermomechanical pulp (CTMP) using environmentally friendly chemicals**
TUTUS A., Usta M.
JOURNAL OF ENVIRONMENTAL BIOLOGY, vol.25, no.2, pp.141-145, 2004 (SCI-Expanded)
- XXII. **Effect of residue type and tannin content on properties of particleboard manufactured from black locust**
Nemli G., HIZIROGLU S., USTA M., SERIN Z., OZDEMIR T., KALAYCIOGLU H.
FOREST PRODUCTS JOURNAL, vol.54, no.2, pp.36-40, 2004 (SCI-Expanded)
- XXIII. **The effects of various pulping conditions on crystalline structure of cellulose in cotton linters**
Gumuskaya E., Usta M., Kirci H.
POLYMER DEGRADATION AND STABILITY, vol.81, no.3, pp.559-564, 2003 (SCI-Expanded)
- XXIV. **Volatile needle and wood extracts of oriental spruce *Picea orientalis* (L.) Link**
Ucar G., Balaban M., Usta M.
FLAVOUR AND FRAGRANCE JOURNAL, vol.18, no.5, pp.368-375, 2003 (SCI-Expanded)
- XXV. **A new environmentally friendly pulping and bleaching technology for poplar wood**
Kirci H., Usta M., Gumuskaya E.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.37, pp.273-282, 2003 (SCI-Expanded)
- XXVI. **Characterisation of the crystalline structure in cotton linters cellulose**
Usta M., Gumuskaya E., Serin Z.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.37, pp.7-18, 2003 (SCI-Expanded)
- XXVII. **ASAE pulping of wheat straw (*Triticum aestivum* L.)**
Usta M., Eroglu H., Karaoglu C.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.33, pp.91-102, 1999 (SCI-Expanded)
- XXVIII. **The chemical composition of wood and bark of *Cedrus libani* A Rich**
Usta M., Kara Z.
HOLZ ALS ROH-UND WERKSTOFF, vol.55, no.4, pp.268, 1997 (SCI-Expanded)
- XXIX. **Wood and bark composition of *Picea orientalis* (L) Link**
Hafizoglu H., Usta M., Bilgin O.
HOLZFORSCHUNG, vol.51, no.2, pp.114-118, 1997 (SCI-Expanded)
- XXX. **The effects of steaming and drying on the chemical compositions of the Pine (*Pinus brutia* ten) veneers**
Colak S., Colakoglu G., Usta M.
HOLZ ALS ROH-UND WERKSTOFF, vol.54, no.6, pp.422, 1996 (SCI-Expanded)

Articles Published in Other Journals

- I. **Thermal conductivity of medium density fiberboard (MDF) manufactured using some chemicals**
Ustaömer D., Usta M.
Kastamonu University Journal of Forestry Faculty, vol.17, no.4, pp.603-607, 2017 (Peer-Reviewed Journal)
- II. **Thermal conductivity of medium density fiberboard (MDF) manufactured using some chemicals**
Ustaömer D., Usta M.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.17, no.4, pp.603-607, 2017 (ESCI)
- III. **Some properties of fiberboard manufactured from beech fiber and chestnut sawdust**
Ustaömer D., Usta M., Bulut Ş.
Innovations in woodworking industry and engineering design, vol.2, pp.31-35, 2013 (Peer-Reviewed Journal)
- IV. **PLS Kontrol Ünitesi İlaveli Presle Farklı Pres Şartları Altında Üretilen MDF'lerin Bazı Fiziksel ve Mekanik Özellikleri**
BORAN S., USTA M., ONDARAL S.
Bartın Üniversitesi Orman Fakültesi Dergisi, vol.1, pp.278-287, 2009 (Peer-Reviewed Journal)
- V. **The Effects of Acetic Acid/Water Pulping Process on Chemical and Crystalline Structure of Cellulose**

in Hemp (Cannabis sativa L.) Bast Fiber

GÜMÜŞKAYA E., USTA M.

Balkan Pulp and Paper News, pp.25-28, 2005 (Peer-Reviewed Journal)

VI. The Effects of Acetic Acid Water Pulping Process on Chemical and Crystalline Structure of Cellulose in Hemp Cannabis sativa L Bast Fib

GÜMÜŞKAYA E., USTA M.

Balkan Pulp and Paper News, vol.6, pp.25-28, 2005 (Peer-Reviewed Journal)

VII. Crystalline Structure Properties of Bleached and Unbleached Wheat Straw (Triticum aestivum L.) Soda-Oxygen Pulp

GÜMÜŞKAYA E., USTA M.

TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.26, no.2002, pp.247-252, 2001 (Scopus)

VIII. Buğday saplarından organosolv yöntemle kağıt hamuru üretimi

KIRCI H., Bostancı Ş., Usta M.

Doğa Tr. J. of Agriculture and Forestry, vol.29, pp.127-132, 1996 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **The Effects of Ethanol or Ethylene Glycol Added Conventional Sulphate Pulping on Pulp Properties**
USTA M., GÜMÜŞKAYA E., BORAN S.
10th Meeting of Pulp and Paper Industry of Balkan (Southeast European) Countries, Greece, pp.1
- II. **Chemical Composition of Wood and Bark of Taxus baccata L.**
Zengin Y., USTA M.
THE INTERNATIONAL FOREST PRODUCTS CONGRESS, 26 - 29 September 2018
- III. **USE OF SILICONE BASED CHEMICALS IN THE MEDIUM DENSITY FIBERBOARD PRODUCTION**
ONDARAL M., USTA M., ONDARAL S.
ORENKO-International Forest Products Congress, Trabzon, Turkey, 25 - 29 September 2018
- IV. **Their Potential Applications In Papermaking**
USTA M., ONDARAL S.
XX. INTERNATIONAL SYMPOSIUM IN THE FIELDS OF PULP, PAPER, PACKAGING AND GRAPHICS, Zlatibor, Serbia, 16 - 19 June 2015
- V. **Surface Sizing Of Paper With Silica/Paraffin Mixture**
ONDARAL M., USTA M., Kurtuluş O. Ç., ONDARAL S.
20th INTERNATIONAL SYMPOSIUM IN THE FIELDS OF PULP, PAPER, PACKAGING AND GRAPHICS, Zlatibor, Serbia And Montenegro, 16 - 19 June 2015, pp.15-20
- VI. **Biopolyelectrolyte Complexes As A Paper Strength Additive**
ONDARAL S., Ergün M. E., Hocaoğlu G., Kurtuluş O. Ç., DEMİR C., USTA M.
20th INTERNATIONAL SYMPOSIUM IN THE FIELDS OF PULP, PAPER, PACKAGING AND GRAPHICS, Zlatibor, Serbia And Montenegro, 16 - 19 June 2015, pp.30-35
- VII. **Water Soluble Cationic Microgel: Their Potential Applications In Papermaking**
USTA M., ONDARAL S.
20 INTERNATIONAL SYMPOSIUM IN THE FIELDS OF PULP, PAPER, PACKAGING AND GRAPHICS, Zlatibor, Serbia And Montenegro, 16 - 19 June 2015, pp.20-24
- VIII. **Some properties of fiberboard manufactured from beech fiber and chestnut sawdust**
USTAÖMER D., USTA M., BULUT Ş.
5th International Scientific and Technical Conference, Innovations in Woodworking Industry and Engineering Design, Yundola, Bulgaria, 15 - 17 November 2012
- IX. **Silika-Vaks karışımı ile Kağıt Özelliklerinin İyileştirilmesi**
ONDARAL M., USTA M.
III. Ulusal Karadeniz Ormanlık Kongresi, Artvin, Turkey, 20 - 22 May 2010, vol.V, no.3, pp.1951-1958
- X. **Sodyum Hidroksit ve Etil Alkol ile Muamele Edilmiş Ağartılmış Sülfat Hamurunun Bazı Şişme**

Özelliklerindeki Değişimlerin Belirlenmesi, III. Ulusal Karadeniz Ormancılık Kongresi

USTAÖMER D., Usta M.

III. Ulusal Karadeniz Ormancılık Kongresi, Artvin, Turkey, 20 - 22 May 2010, pp.2020-2030

- XI. **Odun Esaslı Panellerde Açığa Çıkan Formaldehit ve Formaldehit Sınırları Hakkında Bilgiler**
BORAN S., USTA M.
III. Ulusal Karadeniz Ormancılık Kongresi, Artvin, Turkey, 20 - 22 May 2010, pp.121-125
- XII. **Sodyum Hidroksit ve Etil Alkol ile Muamele Edilmiş Ağartılmış Sülfat Hamurunun Bazı Şişme Özelliklerindeki Değişimlerin Belirlenmesi**
USTAÖMER D., USTA M.
III. Ulusal Karadeniz Ormancılık Kongresi", III. Ulusal Karadeniz Ormancılık Kongre, Artvin, Turkey, 20 - 22 May 2010, pp.2020-2030
- XIII. **The Effects of Some Fire Retardant Chemicals on the Decay Resistance of Medium Density Fiberboard (MDF)**
USTAÖMER D., USTA M., YILDIZ Ü. C., YILDIZ S., Tomak E. D.
International Research Group on Wood Preservation 41. IRG Annual Conference, Biarritz, France, 9 - 13 May 2010, pp.53-59
- XIV. **The Effects of Some Fire Retardant Chemicals on the Decay Resistance of Medium Density Fiberboard(MDF), (IRG/WP10-30536)**
USTAÖMER D., USTA M., YILDIZ S., YILDIZ Ü. C., DİZMAN TOMAK E.
41th Annual Scientific Conference of the International Conference on Wood Protection (IRG41), Biarritz, France, 9 - 13 May 2010
- XV. **PLS kontrol Ünitesi İlaveli Presle Farklı Pres Şartları Altında Üretilen MDF'lerin Bazı Fiziksel ve Mekanik Özellikleri**
BORAN S., USTA M., ONDARAL S.
. Ulusal Batı Karadeniz Ormancılık Kongresi, Bartın, Turkey, 5 - 07 November 2009, pp.15-20
- XVI. **The Determination of Decay Resistance of Medium Density Fiberboard(MDF) Produced by Treatment with Borax and Boric Acid**
USTAÖMER D., Usta M., YILDIZ Ü. C., YILDIZ S., TOMAK E. D.
IV.International Boron Symposium, Eskişehir, Turkey, 15 - 17 October 2009
- XVII. **Boraks ve Borik asit ile Muamele Edilerek Üretilmiş Orta Yoğunlukta Liflevhalarda (MDF) Çürüklük Dayanımının Belirlenmesi**
USTAÖMER D., USTA M., YILDIZ Ü. C., YILDIZ S., Dizman Tomak E.
4. Uluslararası Bor Sempozyumu, Eskişehir, Turkey, 15 - 17 October 2009, pp.8-12
- XVIII. **Borik Asit ve Boraks ile muamele edilerek üretilmiş Orta Yoğunlukta Liflevhalarda(MDF) Çürüklük Dayanımının Belirlenmesi**
USTAÖMER D., USTA M., YILDIZ Ü. C., YILDIZ S., DİZMAN TOMAK E.
4.Uluslararası Bor Sempozyumu, Eskişehir, Turkey, 15 - 17 October 2009, pp.597-602
- XIX. **Surface Color and Roughness Characteristics of Medium Density Fiberboard (MDF) Panels Treated with Fire Retardants,IRG/WP 08-40420**
USTAÖMER D., USTA M., HIZIROĞLU S.
The International Research Group on Wood Protection, 39 th Annual Meeting, Section, İstanbul, Turkey, 25 - 29 May 2008, pp.1-13
- XX. **The synthesis of water soluble cross-linked polymers by dispersion polymerization**
ONDARAL S., USTA M., Gümüşderelioğlu M., Wagberg L.
Nordic Polymer Days, Stockholm, Sweden, 11 - 13 May 2008, pp.45-50
- XXI. **Çeşitli Borlu Bileşiklerle Muamele Edilerek Üretilmiş Orta Yoğunlukta Liflevhaların(MDF) Bazı Fiziksel ve Yanma Özelliklerindeki Değişimlerin Belirlenmesi**
USTA M., USTAÖMER D.
II.Ulusal Bor Çalıştayı, Ankara, Turkey, 17 - 18 April 2008, pp.267-273
- XXII. **Bazı Borlu Bileşikler Muamele Edilerek Üretilmiş Liflevhaların Spektrofotometrik Yöntemle Renk Değişimlerinin Belirlenmesi**

- USTAÖMER D., USTA M., BORAN S.
III. Uluslar arası Bor Sempozyumu, Ankara, Turkey, 2 - 04 November 2006, pp.321-325
- XXIII. **Bazı Borlu Bileşiklerle Muamele Edilerek Üretilmiş Liflevhaların Spektrofotometrik Yöntemle Renk Değişimlerinin Belirlenmesi (Determination of Color Changes of Fiberboard, Produced by Treatment with Some Boron Compounds, by Spectrophotometric Method)**
USTAÖMER D., USTA M., BORAN S.
III. International Boron Symposium, Ankara, Turkey, 2 - 04 November 2006
- XXIV. **Bazı Borlu Bileşiklerle Muamele Edilerek Üretilmiş Liflevhaların Spektrofotometrik Yöntemle Renk Değişimlerinin Belirlenmesi**
USTAÖMER D., USTA M., BORAN S.
III. International Boron Symposium, Ankara, Turkey, 2 - 04 November 2006
- XXV. **Rosin Sizing Under Neutral Papermaking Conditions**
ONDARAL S., BORAN S., USTA M.
1st International Non-wood Forest Products Symposium, Trabzon, Turkey, 1 - 04 November 2006, pp.10-15
- XXVI. **Nötral Kağıt Üretiminde Kolofan Yapıştırması**
ONDARAL S., BORAN S., USTA M.
1st International Non-wood Forest Products Symposium, Trabzon, Turkey, 1 - 04 November 2006, pp.75-79
- XXVII. **The Fixation of Dissolved and Colloidal Substances on Fiber and Silicon Oxide Surfaces with Cross-Linked Poly(AM-co-DADMAC) Prepared by Dispersion Polymerization**
ONDARAL S., USTA M., GÜMÜŞDERELİOĞLU M., WAGBERG L.
12th Meeting of the Pulp and Paper Industry of Southeast European countries, Brasov, Romania, 21 - 23 September 2005, pp.45-50
- XXVIII. **Türkiye kağıt sanayiinin mevcut durumu, sorunları ve çözüm önerileri**
USTA M., KIRCI H., DENİZ İ., GÜMÜŞKAYA E.
I.Çevre ve Ormanlık Şurası, Antalya, Turkey, 22 - 24 March 2005, vol.3, pp.1162-1169
- XXIX. **Türkiye Kağıt Sanayiinin Mevcut Durumu, Sorunları ve Çözüm Önerileri**
USTA M., KIRCI H., DENİZ İ., GÜMÜŞKAYA E.
I. Çevre ve Ormanlık Şurası, Antalya, Turkey, 1 - 03 March 2005, vol.3, pp.1162-1169
- XXX. **The Effects of Acetosolv process on Chemical and Crystalline Structure of Cellulose in Hemp (Cannabis sativa L.) Bast Fibers**
GÜMÜŞKAYA E., USTA M.
11th Meeting of Pulp and Paper Industry of Balkan (Southeast European) Countries, Opatija, Croatia, 6 - 08 October 2004, pp.4-8
- XXXI. **Ağaç Kabuğu Ekstraktlarının GC MS Analiz Sonuçları Ve Antioksidan Özelliklerinin Karşılaştırmalı İncelenmesi**
KÜÇÜK M., KOLAYLI S., OCAK M., ŞENÖZ C., ULUSOY E., GAYDAN F., USTA M., YAYLI N.
XVIII. Ulusal Kimya Kongresi, Kars, Turkey, 5 - 09 July 2004, pp.457
- XXXII. **The Effects of Ethanol or Ethylene Glycol Added Conventional Sulphate Pulping on Pulp Properties**
USTA M., GÜMÜŞKAYA E., BORAN S.
10th Meeting of Pulp and Paper Industry of Balkan (Southeast European) Countries, Agia Triada, Thessaloniki, Greece, 29 - 31 October 2003, pp.25-31
- XXXIII. **The Fine Structure of Cellulose in Hemp (Cannabis sativa L.) Bast Fibers During Organosolv Pulping**
USTA M., GÜMÜŞKAYA E., SERİN Z., ONDARAL S.
13th International Symposium on Cellulose Chemistry and Technology, Iasi, Romania, 3 - 05 September 2003, pp.5-10
- XXXIV. **The Fine Structure of Cellulose in Hemp (Cannabis sativa L.) Bast Fibers During Organosolv Pulping**
USTA M., GÜMÜŞKAYA E., SERİN Z., ONDARAL S.
13th International Symposium on Cellulose Chemistry and Technology, Iasi, Romania, 3 - 05 September 2003, pp.124-130
- XXXV. **Comparison of in vitro antioxidant properties of trunk bark of some tree species**
KOLAYLI S., KÜÇÜK M., YAYLACI KARAHALİL F., DURAL N., USTA M.

- Proceedings of 1st International Congress on the Chemistry of Natural Products, 16 - 19 November 2002
- XXXVI. **Comparison of in vitro antioxidant and antimicrobial properties of the extracts from trunk bark of some trees**
KOLAYLI S., KÜÇÜK M., DURAL N., YAYLACI KARAHALİL F., USTA M.
Proceedings of 1st International Congress on the Chemistry of Natural Products, 16 - 19 November 2002
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