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Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Tekstil Eğitimi (Dr), Turkey 2008 - 2016

Postgraduate, Selcuk University, Institute Of Social Sciences, Giyim Sanatları Eğitimi (YI) (Tezli), Turkey 2005 - 2008

Undergraduate, Selcuk University, Faculty Of Vocational Training, Department Of Clothing Industry And Clothing Arts Education, Turkey 2001 - 2005

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, TÜRKİYE'DE YÖRESEL DOKUNAN BEZ ÖRNEKLERİNİN DOĞAL BOYARMADDELER İLE GRİ İLİŞKİSEL ANALİZ YÖNTEMİ KULLANILARAK BOYAMA ÖZELLİKLERİNİN BELİRLENMESİ , Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, Tekstil Eğitimi (Dr), 2016

Postgraduate, Türkiye'de giyim eğitimi veren meslek liselerindeki öğrencilerin sanayi uygulamalarının işletmeler, öğrenciler ve koordinatör öğretmenler açısından değerlendirilmesi, Selçuk Üniversitesi, Sosyal Bilimler Enstitüsü, Giyim Sanatları Eğitimi (YI) (Tezli), 2008

Research Areas

Engineering and Technology

Academic Titles / Tasks

Lecturer PhD, Marmara University, Vocational School of Technical Sciences, Textile, Clothing, Footwear and Leather, 2017 - Continues

Research Assistant, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Textile Education, 2008 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Environmentally friendly greener approach toward sustainable application of amaltas brown pod-based natural colorant for wool yarn dyeing**
Adeel S., Younis M., Mia R., ÖZOMAY M., Mirnezhad S., Imran M.
Journal of Engineered Fibers and Fabrics, vol.19, 2024 (SCI-Expanded)
- II. **Microwave-assisted santalin extraction from Pterocarpus santalinus for mordanted woolen yarn dyeing**
Mahboob M., Adeel S., Barkaat S., Ahmad T., ÖZOMAY M., Mia R., Mirnezhad S., Zuber M.
Sustainable Chemistry and Pharmacy, vol.35, 2023 (SCI-Expanded)
- III. **Enhancing wool dyeing with clove bud (Syzygium aromaticum) based natural dye via microwave treatment using a central composite design**
Yameen M., Asghar F., Adeel S., Haider M. Z., ÖZOMAY M., Aftab M., Mia R.
Science Progress, vol.106, no.4, 2023 (SCI-Expanded)
- IV. **Green Application of Isolated Colorant from Neem Bark for Mordant-Coated Wool: Optimization of Dyeing and Mordanting for Shade Development**
Adeel S., Zuber M., Kınık M., ZOR A., BÜYÜKKOL S., Kahraman A. D., ÖZOMAY M., Döl A., LEHİMLER Z., Khattak S. P.
Coatings, vol.13, no.9, 2023 (SCI-Expanded)
- V. **Anar Phali (Opuntia ficus) juice extract as a novel pollution-free source of natural betalain dye for wool yarn**
Riaz Y., Barkaat S., Adeel S., Fazal-ur-Rehman F., Ibrahim M., Zuber M., ÖZOMAY M., Khattak S. P.
Environmental Science and Pollution Research, vol.30, no.40, pp.92084-92094, 2023 (SCI-Expanded)
- VI. **Eco-friendly microwave assisted sustainable coloration of silk and wool fabric with Acid Blue 07 dye**
Adeel S., Akram H., Usman M., Bokhari T. H., Aftab M., ÖZOMAY M.
Environmental Science and Pollution Research, vol.30, no.30, pp.74939-74951, 2023 (SCI-Expanded)
- VII. **Sustainable exploration of coffee extracts (coffea arabica l.) for dyeing of microwave-treated bio-mordanted cotton fabric**
Adeel S., Rehman F., Amin A., Amin N., Batool F., Hassan A., ÖZOMAY M.
PIGMENT & RESIN TECHNOLOGY, vol.52, no.3, pp.331-340, 2023 (SCI-Expanded)
- VIII. **Sustainable and Environmental Dyeing with MAUT Method Comparative Selection of the Dyeing Recipe**
Özomay M.
SUSTAINABILITY, vol.15, no.3, pp.1-14, 2023 (SCI-Expanded)
- IX. **Sustainable Extraction of Colourant from Harmal Seeds (Peganum harmala) for Dyeing of Bio-Mordanted Wool Fabric**
Adeel S., Anjum F., Zuber M., Hussaan M., Amin N., ÖZOMAY M.
SUSTAINABILITY, vol.14, no.19, 2022 (SCI-Expanded)
- X. **Eco-friendly bio-dyeing of bio-treated nylon fabric using Esfand (P. harmala) based yellow natural colorant**
Adeel S., ul Hasan M., Batool F., Ozomay M., Hosseinnezhad M., Amin N., Hussaan M.
JOURNAL OF ENGINEERED FIBERS AND FABRICS, vol.17, 2022 (SCI-Expanded)
- XI. **Waste black tea leaves (Camelia sinensis) as a sustainable source of tannin natural colorant for bio-treated silk dyeing**
Hayat T., Adeel S., Fazal-ur-Rehman F., Batool F., Amin N., Ahmad T., Ozomay M.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.29, no.16, pp.24035-24048, 2022 (SCI-Expanded)
- XII. **ANALYTICAL CHARACTERIZATION OF BIBLE AND TEXTILES ARTIFACTS FROM SINOPE BALATLAR CHURCH EXCAVATIONS FOR CONSERVATION PURPOSES**
Massadikova G., Özomay M., Özomay Z., Hasanova R.

- Mediterranean Archaeology and Archaeometry, vol.22, no.3, pp.83-102, 2022 (AHCI)
- XIII. **Optimization of Fastness Properties with Gray Relational Analysis Method in Dyeing of Hemp Fabric with Natural and Classic Mordant**
ÖZOMAY M., Akalin M.
JOURNAL OF NATURAL FIBERS, vol.19, no.8, pp.2914-2928, 2022 (SCI-Expanded)
- XIV. **Determination of optimum dyeing recipe with different amount of mordants in handmade cotton fabrics woven with olive leaves by grey relational analysis method**
ÖZOMAY M., GÜNGÖR F., ÖZOMAY Z.
JOURNAL OF THE TEXTILE INSTITUTE, vol.113, no.6, pp.1048-1056, 2022 (SCI-Expanded)
- XV. **Physicochemical characterization of leather objects of the byzantine period**
Massadikova G., Karadag R., PARS A., ÖZOMAY M.
Mediterranean Archaeology and Archaeometry, vol.20, no.3, pp.107-119, 2020 (AHCI)

Articles Published in Other Journals

- I. **Green Application of Ultrasonic Waves for Extraction of Yellow Colorant from Haar Singhar and its Colouring Behaviour in Cotton Dyeing**
Nasreen H., Adeel S., Yameen M., Amin N., Özomay M., Qayyum M. A.
Textile and Leather Review, vol.6, pp.18-36, 2023 (Scopus)
- II. **Kekik ile Doğal Boyama Yapılan Hatay İpeğinin Haslık Sonuçlarının Çok Kriterli Karar Verme Yöntemiyle En Uygun Seçeneğinin Belirlenmesi**
Özomay M.
Avrupa Bilim ve Teknoloji Dergisi, no.31, pp.531-538, 2021 (Peer-Reviewed Journal)
- III. **The Effect of Temperature and Time Variables on Printing Quality in Sublimation Transfer Printing on Nylon and Polyester Fabric**
Özomay M., Özomay Z.
Avrupa Bilim ve Teknoloji Dergisi, no.23, pp.882-891, 2021 (Peer-Reviewed Journal)
- IV. **Choosing the Appropriate Mordant via Multi criteria Decision Making Methods in Natural Dyeing with Tea Extract**
Güngör F., Akkaya M.
SCIENTİFİC REVIEW, vol.2, no.2, pp.14-21, 2016 (Peer-Reviewed Journal)
- V. **A Marketing Approach Towards the Sufficiency of Ready Made Garments to Satisfy the Needs of Children With Autism**
Akalin M., Akkaya M.
Journal of International Trade, Logistics and Law, vol.1, no.1, pp.31-39, 2015 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **5.BÖLÜM: Sustainable Approach Toward Antibacterial Textiles**
Adeel S., Rehman F., Bisma B., Naseer A., Habib N., ÖZOMAY M.
in: Functional and Technical Textiles, Maity Subhankar, Singha Kunal, Pandit Pintu, Editor, ELSEVIER, pp.177-211, 2023
- II. **Sustainable Application of Flavonoid-Based Natural Colorants**
Salman M., Adeel S., Batool F., Usama M., Hassan A., ÖZOMAY M., Hosseinnezhad M.
in: Textile Dyes and Pigments: A Green Chemistry Approach, Pintu Pandit, Kunal Singha, Subhankar Maity, Shakeel Ahmed, Editor, John Wiley & Sons, Inc., pp.295-321, 2022
- III. **Hazırgiyim Üretiminde Çok Kriterli Karar Verme**
ÖZOMAY M., Massadikova G.
in: ÜRETİM VE HİZMET SEKTÖRLERİNDE TEMATİK YAKLAŞIMLAR: PERFORMANS VE VERİMLİLİK ÖNERİLERİ, ,

Editor, Gazi Kitabevi, Ankara, pp.137-158, 2022

- IV. **Magnesia Kazılarında Bulunmuş Kenevir Kullanımına İlişkin Bronz Bir Gereç**
Bingöl I., ÖZOMAY M.
in: Asırlık Çınar Anadolu Medeniyetler Müzesi 100 Yaşında, Kırac Yusuf, Alagöz Umut, Taşkıran Zehra Fürüzen, Alpagut Asuman, Editor, T.C. Kültür ve Turizm Bakanlığı, Ankara, pp.253-258, 2021
- V. **KÜLTÜREL DEĞERLERİMİZ TEKSTİL VE YAZMA ESERLERDE TAHRİBATSIZ VE MİKRO ANALİZ YÖNTEMLERİ**
Özomay M., Özomay Z., Türkmen F. N., Özakhun Ş. C.
in: KÜLTÜR TARİHİ ve DİSİPLİNLERARASISANAT/TASARIM I, Kılıç, Sibel, Editor, artikel akademi, İstanbul, pp.201-214, 2021
- VI. **19.BÖLÜM: From the Point of View of Ready-to-Wear Industrial Practices of the Vocational High School Students Getting Clothing Education in Turkey**
KILINÇ N., ÖZOMAY M.
in: Technology, Education and Development, Lazinica Aleksandar, Calafate Carlos, Editor, IN TECH, pp.297-320, 2009
- VII. **A Survey on Coordinator Instructors Involved in Industrial Practices of Students in Vocational Training High School Offering Clothing Education in Turkey**
ÖZOMAY M., KILINÇ N.
in: Procedia Social and Behavioral Sciences, Uzunboylu Hüseyin, Cavus Nadire, Editor, ELSEVIER, pp.2768-2775, 2009

Refereed Congress / Symposium Publications in Proceedings

- I. **ENVIRONMENTALLY FRIENDLY PAPER PRODUCTION USING TRADITIONAL METHODS WITH CELLULOSE**
Bekdaş N., Demir B., Adeel S., ÖZOMAY M., ÖZOMAY Z.
4th INTERNATIONAL PRINTING TECHNOLOGIES SYMPOSIUM PRINTISTANBUL2023, İstanbul, Turkey, 05 October 2023, pp.189-196
- II. **PAMUKLU KUMAŞIN DOĞAL BOYA KAYNAĞI OLAN TÜRKİYE MEŞESİ (QUERCUS CERRIS L.) KULLANILARAK MİKRODALGA DESTEKLİ BOYANMASI**
Doğru D., Kaya S. S., Adeel S., ÖZOMAY M., ÖZOMAY Z.
4. International Antalya Scientific Research and Innovative Studies Congress, Antalya, Turkey, 9 - 10 May 2023, pp.408-418
- III. **ENVIRONMENTALLY FRIENDLY DYEING OF WASTE CELLULOSE FIBER WITH NATURAL DYE EXTRACT OBTAINED FROM WALNUT SHELL (JUGLANS REGIA)**
Kaya S. S., Doğru D., Adeel S., Özomay M., Özomay Z.
4. INTERNATIONAL CAPPADOCIA SCIENTIFIC RESEARCH CONGRESS, Nevşehir, Turkey, 16 - 17 April 2023, pp.858-869
- IV. **Dyeing of Cotton With Arjun Bark (Terminalia Arjuna)**
Rehman F., Adeel S., Amin N., Özomay M., Abdul Qayyum M.
3. International Antalya Scientific Research and Innovative Studies Congress, Antalya, Turkey, 13 - 14 February 2023, vol.1, pp.869
- V. **BAYBURT EHRAM YÜNÜ VE HATAY İPEĞİNİN ZEYTİN YAPRAĞI İLERENKLENDİRİLMESİNDE FARKLI MORDANLARIN RENK VERİMİNE ETKİSİ**
Özomay M., Massadikova G.
3. International Anatolian Congress on Scientific Research, Kayseri, Turkey, 27 - 29 December 2022, pp.159-173
- VI. **SILK FABRIC DYEING WITH SALVIA OFFICINALIS L. EXTRACT: INFLUENCE OF SODIUM TETRABORATE DECAHYDRATE MORDANT CONCENTRATION**
Özomay M., Massadikova G.
International Mediterranean Congress / Uluslararası Akdeniz Bilimsel Araştırmalar Kongresi/IZDAS, Mersin,

Turkey, 16 - 18 November 2022, pp.488-501

VII. The Effect of pH Balancing with Different Acids on Color Efficiency in Natural Dyeing with Antibacterial Plants

ÖZOMAY M., Massadikova G., Adeel S.

International Conference on Applied Chemistry" (ICAC-2022), Pakistan, 29 November 2022

VIII. EFFECT OF MIX PROPORTIONS ON DIGITAL PRINT QUALITY INPOLYESTER, COTTON AND ELASTANE BLENDED FABRICS

Özomay M., Özomay Z.

MIDDLE EAST INTERNATIONAL CONFERENCE ON CONTEMPORARY SCIENTIFIC STUDIES-V, Ankara, Turkey, 27 - 28 March 2021, vol.3, pp.288-297

IX. Boraks ile Mordanlanmış İpekli Kumaşların Renk ve Haslık Özelliklerinin Araştırılması

ÖZOMAY M., ÖZOMAY Z., GÜNEY H.

V. Science, Technology & Innovation Congress (INES), Alanya, Turkey, 17 - 21 April 2019, vol.1, pp.399-404

X. BORAKS İLE MORDANLANMIŞ İPEKLİ KUMAŞLARIN RENK VE HASLIK ÖZELLİKLERİNİN ARAŞTIRILMASI

Özomay M., Özomay Z., Güney H.

V. INES Science Technology and Innovation Congress (STI 2019), Antalya, Turkey, 17 - 21 April 2019, pp.399-404

XI. MUĞLA YEŞİLYURT DOKUMALARINDA ISI TRANSFERİ İLE GÖRÜNTÜ OLUŞUMUNUN İNCELENMESİ

Özomay Z., Özomay M., Akgül A.

5. ULUSLARARASI GELENEKSEL VE YÖRESEL DEĞERLER SEMPOZYUMU, Afyonkarahisar, Turkey, 26 - 28 October 2018, vol.5, pp.586-594

XII. Şuhut Yöresel Dokuma Kumaşlarının Karakterizasyonu ve Performans Testlerinin İncelenmesi

Pars A., Özomay M.

5. Uluslararası Geleneksel ve Yöresel Değerler Sempozyumu, Afyonkarahisar, Turkey, 26 - 28 October 2018, vol.1, pp.576-586

XIII. Müze Eserleri Yüzey Temizleme Çalışmaları ve Bir Uygulama

Hasanova R., Özomay M., Pars A.

5. Uluslararası Geleneksel ve Yöresel Değerler Sempozyumu, Afyonkarahisar, Turkey, 26 - 28 October 2018, vol.1, pp.596-605

XIV. Ayancık Ketenin Altınotu Bitkisiyle Boyanmasında Uygun Mordan Seçiminin Gri İlişkisel Analiz Yöntemine Göre Belirlenmesi

Özomay M., Akalın M.

5. Uluslararası Geleneksel ve Yöresel Değerler Sempozyumu, Afyonkarahisar, Turkey, 26 - 28 October 2018, vol.1, pp.561-575

XV. Muğla Yeşilyurt Dokumalarının Ekolojik Yöntem İle Terbiyesi

Demir B., Özomay M., Duğa H., Merdan N.

4. Uluslararası Yöresel Ürünler Sempozyumu ve Kültür Sanat Etkinlikleri, Antalya, Turkey, 3 - 05 November 2016, pp.117-122

XVI. Roselle Hibiscus Sabdariffa Bitkisi Ekstraktı ile Boyanmış Pamuk Kumaşın Işık Haslığı Özelliğine C Vitamini Etkisinin İncelenmesi

Demirel Gültekin N., Akkaya M., Durna M., Gültekin B. C., Akalın M.

7. Uluslararası İstanbul Tekstil Konferansı - Anadolu'ya Dokunan Bezler, İstanbul, Turkey, 21 - 23 March 2016, pp.609-615

XVII. Bayburt Yünü İçin Meyankökü İle Boyama Reçetesinin Çok Ölçütlü Karar Verme Yöntemleriyle Karşılaştırmalı Seçimi

Güngör F., Akkaya M.

7. Uluslararası İstanbul Tekstil Konferansı - Anadolu'ya Dokunan Bezler, İstanbul, Turkey, 21 - 23 March 2016, pp.713-721

XVIII. Multi Moora Yöntemi ile Eflani Bezi nin Uygun Mordan Konsantrasyonu İçin Bir Uygulama

Güngör F., Akkaya M.

7. Uluslararası İstanbul Tekstil Konferansı - Anadolu'ya Dokunan Bezler, İstanbul, Turkey, 21 - 23 March 2016,

pp.692-699

- XIX. **Denizli Kızılcaölük Dokumalarında Isı Transferi İle Görüntü Oluşumunun İncelenmesi**
Akalm M., Özakhun Ş. C., Akgül A., Akkaya M., Özomay Z.
7. Uluslararası İstanbul Tekstil Konferansı - Anadolu'ya Dokunan Bezler, İstanbul, Turkey, 21 - 23 March 2016, pp.602-608
- XX. **The examination of the effects of quercus aegilops extract used as natural mordant on colourfulness features of natural dyeing**
Akkaya M., Eyupoglu S.
IEEE North West Russia Section Young Researchers in Electrical and Electronic Engineering Conference, EIconRusNW 2016, Saint Petersburg, Russia, 2 - 03 February 2016, pp.108-111
- XXI. **The Effects of Various Bleaching Formulations on Physical Properties of Woolen Fabrics**
Özomay M., Akalm M., Yıldız Z.
6th International Istanbul Conference on Future Technical Textile (FTT 2014), İstanbul, Turkey, 15 - 17 October 2014, pp.136
- XXII. **Orta Kademe Yöneticilerinin 360 Derece Performans Değerlendirmesi ve İki Uygulama**
Özomay M., Güngör F., Etyemez A.
11. Ulusal İşletmecilik Kongresi, Konya, Turkey, 10 - 12 May 2012, vol.1, pp.921-926
- XXIII. **Seri Üretim Hattında, Kapasite Dengeleme ve Verimlilik Artışının Birim Maliyete Etkisi ve Bir Uygulama**
Güngör F., Özomay M.
11. Ulusal İşletmecilik Kongresi, Konya, Turkey, 10 - 12 May 2012, vol.1, pp.999-1004
- XXIV. **A survey on coordinator instructors involved in industrial practices of students in vocational training high schools offering clothing education in Turkey**
Akkaya M., Kılınç N.
World Conference on Educational Sciences, Nicosia, CYPRUS, 4 - 07 February 2009, vol.1, pp.2768-2775
- XXV. **Vocational High School Ready-Wear Trainees' Level of Attainment in Vocational Proficiencies Defined Within METEM Project**
Kılınç N., Özomay M.
VIII. International Educational Technology Conference, Eskişehir, Turkey, 6 - 09 May 2008, vol.1, pp.836-842
- XXVI. **Improvement of Bed Ridden Patients' Clothes in Rest Home in Konya**
Özomay M., Özkan M.
2nd International Patient Safety Congress, Antalya, Turkey, 25 - 29 March 2008, vol.1, pp.183
- XXVII. **From The Point of View of Ready-Made Clothing Companies, The Evaluation of Industrial Practices of the Vocational High School Students Getting Clothing Education in Turkey**
Özomay M., Kılınç N.
International Technology, Education and Development Conference-INTED, Valencia, Spain, 3 - 05 March 2008, vol.1, pp.20
- XXVIII. **THE ANALYSES OF THE FACTORS AFFECTING THE COMPETITIVE POWER OF READY-WEAR ESTABLISHMENTS IN TURKEY**
Kılınç N., Akkaya M.
86th Textile-Institute World Conference, Hong Kong, PEOPLES R CHINA, 18 - 21 November 2008, pp.2790-2798
- XXIX. **THE COMPARISON BETWEEN CAPACITY UTILIZATION RATIOS AND FLEXIBILITY LEVELS IN READY-MADE CLOTHING IN TURKEY**
Kılınç N., Akkaya M.
86th Textile-Institute World Conference, Hong Kong, PEOPLES R CHINA, 18 - 21 November 2008
- XXX. **Türkiye'deki Hazırgiyim İşletmelerinde Hizmet İçi Eğitim Uygulamaları ve Eğitim Konuları**
Kılınç N., Özomay M.
II. Tekstil Teknolojileri ve Tekstil Makinaları Kongresi, Gaziantep, Turkey, 19 - 20 October 2007, vol.1, pp.379-388

Supported Projects

Özomay M., TUBITAK Project, The Effect of Collagen Obtained from Eggshell Membrane on Color Yield in Natural Dyeing, 2023 - 2024

Özomay M., TUBITAK Project, Coloration and Fastness Improvement of Bacterial Cellulose with Citrus Peel Wastes, 2023 - 2024

Özomay M., TUBITAK Project, Natural Dyeing of Cellulose Based Materials Using Microwave Method, 2022 - 2023

Özomay M., TUBITAK Project, Coloring of Handmade Natural Paper with Food Waste; Ultrasonic Method, 2022 - 2023

Özomay M., Project Supported by Higher Education Institutions, YAZMA ESERLERİN TEKNİK ANALİZİ, RESTORASYONU VE KONSERVASYONU GERÇEKLEŞTİRİLEREK KÜLTÜRÜMÜZE KAZANDIRILMASINA YÖNELİK ALT YAPI KURULUMU, 2017 - 2021

Özomay Z., Özomay M., Sancak E., Pars A., Özakhun Ş. C., Özdemir L., Yüksek M., Development Agency, Tekstil ve Yazma Eserler Konservasyon ve Restorasyon AR-GE Merkezi Kurulması, 2018 - 2020

Özomay M., Karadağ R., Project Supported by Higher Education Institutions, TARİHİ HALILARDA KULLANILAN BOYAR MADDE KAYNAKLARININ ARAŞTIRILMASI VE BUNLARIN DOĞAL İPLİKLERE UYGULANMASI, 2018 - 2019

Özomay Z., Özomay M., Türkmen F. N., Project Supported by Higher Education Institutions, Halı Restorasyonu ve Konservasyonunda lazer teknolojisi ile yüzey temizliği için standart parametrelerin oluşturulmasına yönelik alt yapı kurulumu, 2017 - 2019

Türkmen F. N., Özomay M., Usta İ., Project Supported by Higher Education Institutions, Arkeolojik Tekstillerin Konservasyonu ve Restorasyonu Yapılarak Kültürümüze Kazandırılması, 2015 - 2017

Özomay M., Project Supported by Higher Education Institutions, CREATING A MOBILE LABORATORY FOR TECHNICAL ANALYSIS AND REPRODUCTION OF ARCHEOLOGICAL TEXTILES, 2014 - 2016

Özomay M., Project Supported by Higher Education Institutions, DETERMINATION AND DEVELOPMENT OF THE PHYSICAL PROPERTIES OF LOCAL WEAVES IN TURKEY, 2014 - 2015

Metrics

Publication: 57

Citation (WoS): 38

Citation (Scopus): 81

H-Index (WoS): 4

H-Index (Scopus): 6