Prof. EMİNE DİLARA KOÇAK

Personal Information

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International Researcher IDs
ScholarID: KLGApAwAAAAJ
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ScopusID: 6602580120
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Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Tekstil Eğitimi (Dr), Turkey 2001 - 2004
Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Tekstil Eğitimi (Yl) (Tezli), Turkey 1996 - 1999
Undergraduate, Marmara University, Faculty of Technical Education, Textile Education, Turkey 1986 - 1990

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Polipropilen (PP), düşük yoğunluklu polietilen (LDPE) ile etilen vinil asetat (EVA) polimer alaşımlarından elde edilen liflerin mekanik, termal ve morfolojik özelliklerinin incelenmesi'' /, Marmara Üniversitesi, Faculty of Technology, Textile Engineering, 2004

Research Areas

Textile Engineering and Technology, Textile Materials, Textile Chemistry, Textile Physics, Yarn Technology (Spinning, weaving, knitting), Cloth Technology, Dye Finishing Technology, Textile Quality Control, Textile Design, Textile Management, Textile Machinery, Technical Textiles, Engineering and Technology

Academic Titles / Tasks

Professor, Marmara University, Faculty of Technology, Textile Engineering, 1997 - Continues

Academic and Administrative Experience

Rectorate Commissioner, Marmara University, Faculty of Technology, Textile Engineering, 2018 - Continues
Erasmus Coordinator, Marmara University, Faculty of Technology, Textile Engineering, 2011 - 2012
Deputy Head of Department, Marmara University, Faculty of Technology, Textile Engineering, 2011 - 2012
Deputy Head of Department, Marmara University, Faculty of Technology, Textile Engineering, 2010 - 2011

Courses

Biyo Mühendislik ve Tekstil Uygulamaları, Doctorate, 2019 - 2020
Elyaf Bilgisi, Undergraduate, 2019 - 2020

Advising Theses

Koçak E. D., Atık hayvan kemiklerinden elde edilen kalojenin tekstil yüzeylerine uygulanabilirliğinin araştırılması, Postgraduate, S.KIZILKAYA(Student), Continues
Koçak E. D., Production and characterization of Fiber From Canola (Barissica Napus L.) stem wastes, Postgraduate, A.ADALET(Student), Continues
Koçak E. D., • Investigation of Applicability to the Textile Surface of the Flame Retardant Property of the Plant Growing in Turkey, Doctorate, Ç.GÜL(Student), Continues
Koçak E. D., Investigation of mechanical, sound absorption thermal and morphological properties of bio-based composites formed with fibers from cellulosic agricultural wastes and polyurethane foam , Doctorate, H.OLCAY(Student), Continues
Koçak E. D., Tekstil Temiz üretiminde sürdürülebilirliğin araştırılması ve yenilenebilir enerji kaynaklarından aktif karbon üretimi, Postgraduate, B.ARDIÇ(Student), Continues
Koçak E. D., Tunçay Atalay A., Development of Textile Based Soft Actuator Fort he Treatment of Muscle Diseases At Hand , Postgraduate, E.DEDE(Student), 2021
Koçak E. D., Termoterapi Uygulamaları İçin Isıtma Fonksiyonlu Tekstil Yüzeyinin Geliştirilmesi, Postgraduate, Z.BELER(Student), 2020
KOÇAK E. D., Endüstriyel tekstillerde kullanılan poliüretan ve polivinilklorür esaslı kaplama yüzeylerin performans özelliklerinin incelenmesi, Postgraduate, T.KIZILIRMAK(Student), 2015
KOÇAK E. D., Atık biyomateryallerden elde edilen aktif karbon üzerinde tekstil boyarmaddelerinin adsorpsiyonu, Postgraduate, B.KOCABIYIK(Student), 2013
KOÇAK E. D., Farklı yöntemlerle modifiye edilmiş palmiye esaslı dokuma yapılar ile oluşturulan kompozit yapıların mekaniksel özelliklerinin incelenmesi, Postgraduate, O.BURÇAK(Student), 2013
KOÇAK E. D., Aloe vera jel katımlının biyopolimer karışımlarından üretilmiş nanokompozitin mekaniksel ve termal özelliklerine etkileri, Doctorate, A.ÖZGÜR(Student), 2013

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Sustainable fabric printing by using pre-consumed cellulosic textile wastes: The effect of waste particle content**
YILDIZ Z., KARTAL İ., KOÇAK E. D., Ozer B., Kus B. N., ERYILMAZ O.
Journal of Cleaner Production, vol.448, 2024 (SCI-Expanded)
II. **Mechanical and acoustic properties of alkali treated agricultural waste reinforced sustainable polyurethane composites**
KOÇAK E. D., Olcay H., YILDIZ Z.
Journal of Reinforced Plastics and Composites, vol.42, no.21-22, pp.1191-1203, 2023 (SCI-Expanded)
III. **The mechanical, thermal and sound absorption properties of flexible polyurethane foam composites reinforced with artichoke stem waste fibers**

Olcay H., KOÇAK E. D.
JOURNAL OF INDUSTRIAL TEXTILES, vol.51, no.5_suppl, 2022 (SCI-Expanded)

IV. **Synthesize and characterization of sustainable natural fibers/ conductive polymer composites**
Yazici P., Alkhateab B., Sezer E., KOÇAK E. D., Ustamehmetoğlu B.
JOURNAL OF INDUSTRIAL TEXTILES, vol.51, no.5_suppl, 2022 (SCI-Expanded)

V. **Rice plant waste reinforced polyurethane composites for use as the acoustic absorption material**
Olcay H., KOÇAK E. D.
APPLIED ACOUSTICS, vol.173, 2021 (SCI-Expanded)

VI. **Dyeing of Polypropylene Blends by Using Microwave Energy**
YILMAZ ŞAHİNBAŞKAN B., KOÇAK E. D., Merdan N., Akalin M.
JOURNAL OF ENGINEERED FIBERS AND FABRICS, vol.12, no.2, pp.20-27, 2017 (SCI-Expanded)

VII. **Examining the Effects of Oxygen Plasma on Physical and Dyeing Properties of Some Cellulose Fibers**
Koçak E. D.
Materials Science-Medziagotyra, vol.22, pp.420-425, 2016 (SCI-Expanded)

VIII. **Effect of the Ecological Methods on the Surface Modification of the Kenaf Fibers**
MISTIK S. İ., KOÇAK E. D., MERDAN N.
MATERIALS SCIENCE-MEDZIAGOTYRA, vol.22, no.3, pp.409-414, 2016 (SCI-Expanded)

IX. **Research into the specifications of woven composites obtained from raffia fibers pretreated using the ecological method**
Kocak D., Merdan N., Evren O. B.
TEXTILE RESEARCH JOURNAL, vol.85, no.3, pp.302-315, 2015 (SCI-Expanded)

X. **Colour and Fastness Properties of Silk Fabrics Dyed With Colours Obtained From The Flowers of The Papaver Rhoeas L. (Common Poppy)**
Merdan N., Koçak E. D., Yılmaz Şahinbaşkan B.
Asian Journal Of Chemistry, vol.24, no.10, pp.4295-4299, 2012 (SCI-Expanded)

XI. **Effect of Applied Different Surface Modification Processes with Cellulose Enzyme on Properties of Luffa Fibres**
Merdan N., Sancak E., Koçak E. D., Yüksek M.
Asian Journal Of Chemistry, vol.24, pp.975-980, 2012 (SCI-Expanded)

XII. **Investigation of mechanical thermal and morphological properties of biaxial glass fiber waste paper reinforced polyester composites**
KOÇAK E. D., SANCAK E., SESLİ Y., YENİDOĞAN S.
Science and Engineering of Composite Materials, vol.16, pp.197-208, 2012 (SCI-Expanded)

XIII. **Impacts of Ultrasonic Energy on Wash ability Sewability and Colour Properties of Materials in Enzymatic Process**
CENGİZ C., KOÇAK E. D., MERDAN N., AKALIN M.
Asian Journal Of Chemistry, vol.23, pp.4925-4931, 2011 (SCI-Expanded)

XIV. **Effects of luffa cylindrical fibers on some mechanical and printability properties of handsheets**
Aydemir C., Karademir A., Koçak E. D., Yenidoğan S.
Asian Journal Of Chemistry, vol.23, no.11, pp.4925-4931, 2011 (SCI-Expanded)

XV. **Investigation of Properties of Polymer/Textile Fiber Composites**
Tasdemir M., Akalin M., Kocak D., Usta İ., Merdan N.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS, vol.59, no.3, pp.200-214, 2010 (SCI-Expanded)

XVI. **Investigation of mechanical, thermal and morphological properties of biaxial glass fiber/waste paper reinforced polyester composites**
Yenidoğan S., Koçak E. D., Sesli Y., Sancak E.
Science And Engineering Of Composite Materials, vol.16, pp.197-208, 2009 (SCI-Expanded)

XVII. **THE STUDY OF THE EFFECTS OF DIFFERENT CHEMICAL COMPOUNDS APPLIED ON LUFFA CYLINDRICA FIBRES WITH THE HELP OF ULTRASONIC ENERGY**
Kocak D.
JOURNAL OF POLYMER ENGINEERING, vol.28, no.8, pp.501-515, 2008 (SCI-Expanded)

XVIII. **The influence of ultrasonic energy on chemical treatment of surface properties and the properties of composites made of luffa cylindrical fiber-polyester resin**
Kocak E. D.
JOURNAL OF ENGINEERING MATERIALS AND TECHNOLOGY-TRANSACTIONS OF THE ASME, vol.130, no.4, 2008 (SCI-Expanded)

XIX. **Mechanical, thermal, and microstructure analysis of silk- and cotton-waste-fiber-reinforced high-density polyethylene composites**
Kocak D., Tasdemir M., USTA İ., Merdan N., Akalin M.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.47, no.5, pp.502-507, 2008 (SCI-Expanded)

XX. **Properties of Recycled Polycarbonate/Waste Silk and Cotton Fiber Polymer Composites**
Tasdemir M., Kocak D., Usta İ., Akalin M., Merdan N.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS, vol.57, no.8, pp.797-805, 2008 (SCI-Expanded)

XXI. **Properties of Polypropylene Composite produced with Silk and Cotton Fiber Waste as Reinforcement**
Taşdemir M., Koçak E. D., Usta İ., Merdan N.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS, vol.56, no.12, pp.1155-1165, 2007 (SCI-Expanded)

XXII. **Effects of ultrasonic energy on the wash fastness of reactive dyes**
Akalin M., Merdan N., KOÇAK E. D., USTA İ.
ULTRASONICS, vol.42, pp.161-164, 2004 (SCI-Expanded)

XXIII. **Effects of Ultrasonic Energy on Dyeing of Polyamide Microfiber Lycra Blends**
MERDAN N., AKALIN M., KOÇAK E. D., USTA İ.
Ultrasonics, vol.42, pp.165-168, 2004 (SCI-Expanded)

Articles Published in Other Journals

I. **Studies on Mechanical Performance of Cynara Scolymus / Polyethylene terephthalate Nonwoven Composites**
İzgi A. A., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B., MERDAN N.
Selçuk Teknik, Özel Sayı (ICENTE'17), pp.107-116, 2018 (Peer-Reviewed Journal)

II. **Effect of Microwave and Ultrasonic Surface Treatments on Heat Conductivity Properties of Luffa Cylindrica Fibre Reinforced Polyethylene Composites**
OVALI S., MISTIK S. İ., KOÇAK E. D.
International Journal of Pharmaceutical, Chemical and Biological Sciences, vol.6, no.4, 2016 (Peer-Reviewed Journal)

III. **Effect of Microwave Energy on Disperse Dyeability of Polypropylene Fibers**
KOÇAK E. D., AKALIN M., MERDAN N., YILMAZ ŞAHİNBAŞKAN B.
Marmara Journal of Pure and Applied Sciences, pp.27-31, 2015 (Peer-Reviewed Journal)

IV. **Investigation of The Dyeability Behavior of Banana Fibers With Natural Dye Extract Obtained From Turmeric Plants**
Eyüpoğlu Ş., Merdan N., Dayıoğlu H., Koçak E. D.
Marmara Fen Bilimleri Dergisi, vol.27, pp.40-44, 2015 (Peer-Reviewed Journal)

V. **Investigation Of The Effect Of The Dyeing Method On The Dyeing Properties Of Wool Fabrics Dyed With Natural Dyes Extracted From Vaccinium Corymbosum L.**
KILINÇ M., KOÇAK E. D., EYÜPOĞLU Ş., DAYIOĞLU H., MERDAN N., YILDIZ F.
International Journal of Advances in Engineering and Pure Sciences, vol.27, pp.78-82, 2015 (Peer-Reviewed Journal)

VI. **POLİ(LAKTİK ASİT)'İN KULLANIM ALANLARI VE NANO LİF ÜRETİMDEKİ UYGULAMALARI**
Üner İ., Koçak E. D.
İstanbul Ticaret Üniversitesi Fen Bilimleri Dergisi , no.22, pp.79-88, 2013 (Peer-Reviewed Journal)

VII. **Effect of UV Absorbers On Cotton Fabrics**

Merdan N., Koçak E. D., Yılmaz Şahinbaşkan B., Yüksek M.
Advances in Environmental Biology, vol.6, pp.2151-2157, 2012 (Peer-Reviewed Journal)

VIII. **Investigation on Colour and Fastness Properties of Wool Fabrics with Colour Obtained From The Flowers of The Papaver Rhoeas L Common Poppy**
MERDAN N., SAÇLIOĞLU M. Z., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B.
Advances in Environmental Biology, vol.6, pp.750-755, 2012 (Peer-Reviewed Journal)

IX. **Effect of Degumming Performed with Different Type Natural Soaps and Through Ultrasonic Method on the Properties of Silk Fiber**
YÜKSEK M., KOÇAK E. D., BEYİT A., MERDAN N.
Advances in Environmental Biology, vol.6, pp.801-808, 2012 (Peer-Reviewed Journal)

X. **Sintering effect on mechanical properties of composites of bovine hydroxyapatite BHA 5 Al2O3 TiO2**
Pazarlıoğlu S. S., Merve B., Küpeli G., Koçak E. D., Salman S.
Usak University Journal of Material Sciences, vol.1, pp.23-27, 2012 (Peer-Reviewed Journal)

XI. **Sintering effect on mechanical properties of composites of bovine hydroxyapatite (BHA)–5(Al2O3–TİO2)**
PAZARLIOĞLU S. S., SALMAN S., KOÇAK E. D.
Usak University Journal of Material Sciences, vol.1, no.1, pp.23-27, 2012 (Peer-Reviewed Journal)

XII. **Farklı oranlardaki pamuk atıkları (telef) ile desteklenmiş PP polimerinin oluşturduğu kompozit yapıların mekanik ve akış özelliklerinin incelenmesi**
Usta İ., Akalın M., Koçak E. D., Merdan N., Taşdemir M.
Gazi Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.16, no.2, pp.405-410, 2003 (Scopus)

XIII. **Ultrasonik Yıkamaların Pamuk İplik Özelliklerine Etkileri**
Koçak E. D., Canoğlu S., Merdan N.
TEKSTİL TEKNİK, vol.5, no.10, pp.22-37, 2001 (Non Peer-Reviewed Journal)

Books & Book Chapters

I. **Chapter 7: Emerging Applications of Photocurable Polymers**
YILDIZ Z., KOÇAK E. D.
in: Specialty Polymers; Fundamentals, Properties, Applications and Advances, Ram K. Gupta, Editor, CRC Press, Taylor & Francis Group, Florida, pp.97-111, 2023

II. **Chapter 18: Polymers for the Textile Industry**
KOÇAK E. D., YILDIZ Z.
in: Specialty Polymers; Fundamentals, Properties, Applications and Advances, Ram K. Gupta, Editor, CRC Press, Taylor & Francis Group, Florida, pp.265-277, 2023

III. **Green Flame Retardants/Synergism in Nitrogen-and Phosphorus-Based Flame Retardants**
KOÇAK E. D., OLCAY H., gül ç.
in: Materials and Chemistry of Flame-Retardant Polyurethanes, Ram K. Gupta, Editor, American Chemical Society, Washington, pp.213-247, 2021

IV. **Composite Material Design for Aircrafts from Sustainable Lignocellulosic Fibers—A Review**
KOÇAK E. D., gül ç.
in: Sustainable Textiles: Production, Processing, Manufacturing & Chemistry, Subramanian Senthilkannan Muthu, Editor, Springer, pp.23-39, 2021

V. **Sustainability In Polyurethane Synthesis and Bio-Based Polyurethanes**
Olcay H., Koçak E. D., Yıldız Z.
in: Sustainability in the Textile and Apparel Industries, Subramanian Senthilkannan Muthu,Miguel Angel Gardetti, Editor, Springer, London/Berlin , Heidelberg, pp.1-178, 2020

VI. **Use of Roselle (Hibiscus sabdariffa) in Composite Materials for Sustainability**
Taşdemir M., Gül Ç., Koçak E. D.
in: Sustainability in the Textile and Apparel Industries, Subramanian Senthilkannan Muthu, Editor, Springer,

London/Berlin , Zug, pp.1-178, 2020

VII. **The Effects of Ecological and Sustainable Chemical Surface Modification Methods on the Properties of Lignocellulose-Based Fibers**
Koçak E. D., Merdan N.
in: Sustainability in the Textile and Apparel Industries Sourcing Natural Raw Materials, Subramanian Senthilkannan Muthu, Editor, Springer, London/Berlin , Zug, pp.1-181, 2020

VIII. **Sustainability In Polyurethane Synthesis and Bio-Based Polyurethanes**
OLCAY H., KOÇAK E. D., YILDIZ Z.
in: Sustainability in the Textile and Apparel Industries, Subramanian Senthilkannan Muthu, Miguel Angel Gardetti, Editor, Springer International Publishing, pp.139-156, 2020

IX. **Use of Roselle (Hibiscus sabdariffa) in Composite Materials for Sustainability**
TAŞDEMİR M., KOÇAK E. D.
in: Sustainability in the Textile and Apparel Industries, Subramanian Senthilkannan Muthu, Miguel Angel Gardetti, Editor, Springer, Cham, pp.97-115, 2020

X. **Sustainable Green-Based Composites from Renewable Resources in Textile: Industrial Cotton Wastes**
KOÇAK E. D., TAŞDEMİR M., GÜL Ç.
in: Sustainability in the Textile and Apparel Industries, Miguel Angel Gardetti, Editor, springer, CHAM, pp.45-61, 2020

XI. **Chemical Surface Modification Methods on the Properties of Lignocellulose-Based FibersSustainability in the Textile and Apparel Industries**
KOÇAK E. D., MERDAN N.
in: Sustainability in the Textile and Apparel Industries, Muthu, Subramanian Senthilkannan, Gardetti, Miguel Ángel, Editor, Springer, pp.1-25, 2020

XII. **Use of Roselle (Hibiscus sabdariffa) in Composite Materials for Sustainability**
TAŞDEMİR M., GÜL Ç., KOÇAK E. D.
in: Sustainability in the Textile and Apparel Industries, Mİguel Angel Gardetti, Editor, springer, CHAM, pp.97-115, 2020

XIII. **Sustainable Green-Based Composites from Renewable Resources in Textile: Industrial Cotton Wastes**
Koçak E. D., Taşdemir M.
in: Sustainability in the Textile and Apparel Industries, Subramanian Senthilkannan Muthu, Miguel Angel Gardetti, Editor, Springer, London/Berlin , Zug, pp.45-61, 2020

XIV. **Sound Absorption Performance of Okra (Abelmoschus esculentus L.) Waste Fibers**
KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B., Ardıç B., İzgi A. A.
Lambert Academic Publishing, 2018

XV. **.**
KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B.
LAP LAMBERT Academic Publishing, 2018

XVI. **Fiber Extraction from Okra Plant Agricultural Wastes, Their Characterizations and Surface Modifications by Environmental Methods**
KOÇAK E. D., MERDAN N., MISTIK S. İ., YILMAZ ŞAHİNBAŞKAN B.
in: Sustainable Innovations in Textile Fibres, Subramanian Senthilkannan Muthu, Editor, Springer, Singapore, pp.53-80, 2018

XVII. **Sustainable Nonwoven Products From Raising Wastes For Automotive Industry**
Erdal S., Akay D., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B.
in: Current Academic Studies in Engineering Sciences, Serdar Salman, Rıdvan Karapınar, Duygu Kavak, Ali Kılıçer, Editor, Gece Kitaplığı, pp.1479-1490, 2018

XVIII. **The Use of Luffa Cylindrica Fibres as Reinforcements in Composites**
KOÇAK E. D., MISTIK S. İ., AKALIN M., MERDAN N.
in: Biofiber Reinforcement in Composite Materials, Faruk Omar, Sain Mohini, Editor, Woodhead Publishing, pp.689-699, 2015

XIX. **The Use of Palm Leaf Fibres as Reinforcements in Composites**

KOÇAK E. D., MISTIK S. İ.
in: Biofiber Reinforcement in Composite Materials, Faruk Omar, Sain Mohini, Editor, Woodhead Publishing, pp.273-281, 2015

XX. **The Use of Luffa Cylindrica Fibres as Reinforcements in Composites**
KOÇAK E. D., MISTIK S. İ., AKALIN M., MERDAN N.
in: Biofiber Reinforcement in Composite Materials, Faruk Omar, Sain Mohini, Editor, Woodhead Publishing, pp.689-699, 2015

XXI. **The Use of Palm Leaf Fibres as Reinforcements in Composites**
KOÇAK E. D., MISTIK S. İ.
in: Biofiber Reinforcement in Composite Materials, Faruk Omar, Sain Mohini, Editor, Woodhead Publishing, pp.273-281, 2015

XXII. **Investigation of Elasticity Properties of Multiaxial Warp Knitted Bandages**
Uzun M., Koçak E. D., Mıstık S. İ., Akalın M.
in: Medical and Healthcare Textiles, Anand S.C.,Kennedy J.F.,Miraftab M.,Rajendran S, Editor, Woodhead Publishing Limited , Manchester, pp.150-160, 2010

Refereed Congress / Symposium Publications in Proceedings

I. **Microwave AssistedSurface Treatment of OkraFibers**
izgi a. a., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B.
18th AUTEX World Textile Conference, İstanbul, Turkey, 20 - 22 June 2018, pp.589-594

II. **Atık Selülozun In Situ-Koagülasyonu ile Güçlendirilmiş, Biyo Esaslı Foto-Kürlenebilen Kaplamaların Geliştirilmesi ve Hafifletilmiş Tente/Branda Uygulamaları**
YILDIZ Z., KOÇAK E. D., ÖNEN H. A.
34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 - 06 September 2022

III. **Investigation of Thermal Characteristics of the Polyurethane Composites Reinforced with the Fibers Obtained from Agricultural Wastes**
Olcay H., Koçak E. D., Eryılmaz O.
ICNF 2021 - 5th International Conference on Natural Fibers, Lisbon, Portugal, 17 - 19 May 2021, pp.193-195

IV. **Improvement the Washing Fastness of Fabrics with Water Repellent Finish via UV-Curable Coatings**
YILDIZ Z., ÖNEN H. A., Dehmen O. G., GÜNGÖR A., KOÇAK E. D.
17th NATIONAL 3rd INTERNATIONAL THE RECENT PROGRESS SYMPOSIUM ON TEXTILE TECHNOLOGY AND CHEMISTRY, 20 - 22 November 2019

V. **INVESTIGATION OF THE PARAMETERS OFYARNS OBTAINED FROM SPINNING MILLWASTES**
akay d., izgi a. a., KOÇAK E. D.
17th NATIONAL 3rd INTERNATIONAL THE RECENT PROGRESSSYMPOSIUM ON TEXTILE TECHNOLOGY AND CHEMISTRY, 20 - 22 November 2019

VI. **INVESTIGATION OF THERMAL ANDMORPHOLOGICAL PROPERTIES OF ACTIVECARBON OBTAINED BY LIGNOCELLULOSICBIO-BASED MATERIALS**
ardıç b., KOÇAK E. D.
17th NATIONAL 3rd INTERNATIONAL THE RECENT PROGRESSSYMPOSIUM ON TEXTILE TECHNOLOGY AND CHEMISTRY, Bursa, Turkey, 20 - 22 November 2019

VII. **Mazı Gomalağından Elde Edilmiş Doğal Boya ile Boyanmış Çeşitli Doğal Protein Liflerinin Renk ve Haslık Özelliklerinin İncelenmesi**
KOÇAK E. D., YILDIZ F., MERDAN N.
BAİBÜ – BAMER KIBRISCIK ARAŞTIRMALARI VE HALK KÜLTÜRÜ SEMPOZYUMU, Turkey, 31 October - 01 November 2019

VIII. **Investigation of Physical Properties of Recycled Polypropylene/Rice Husk Polymer Composite**
Ulutaş E., Taşdemir M., Koçak E. D.
The international conference on materials science, mechanical and automotive engineerings and technology,

Nevşehir, Turkey, 21 - 23 June 2019, pp.202-205

IX. **Geri dönüşümlü polipropilen/pirinç kabuğu polimer kompozitinin mekanik özelliklerinin incelenmesi**
Ulutaş E., Taşdemir M., Koçak E. D.
The international conference on materials science, mechanical and automotive engineerings and technology, Nevşehir, Turkey, 21 - 23 June 2019, pp.206-209

X. **Geri dönüşümlü polipropilen/pirinç kabuğu polimer kompozitinin fiziksel özelliklerinin incelenmesi**
Ulutaş E., Taşdemir M., Koçak E. D.
The international conference on materials science, mechanical and automotive engineerings and technology, Nevşehir, Turkey, 21 - 23 June 2019, pp.202-205

XI. Ulutaş E., Taşdemir M., Koçak E. D.
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XII. **Endüstriyel Bitim İşlemleri- Nano Hibrit Kaplama İle Dış Mekan Tekstil ÜrünleriniçinÇalışılması**
sütçüler c., izgi a. a., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B.
V. Uluslararası Multidisipliner Çalışmaları Sempozyumu (ISMS), Ankara, Turkey, 16 - 17 November 2018, pp.317

XIII. **Otomotiv Endüstrisi İ˙çin Şardon Atıklarından Sürdürülebilir Dokusuz Yüzey Eldesi**
erdal s., akay d., KOÇAK E. D., YILMAZ ŞAHİNBAŞKAN B.
V. Uluslararası Multidisipliner Çalışmaları Sempozyumu (ISMS), Ankara, Turkey, 16 - 17 November 2018, pp.422

XIV. **BOYAMALARIN RENKLİLİK ÖZELLİKLERİNE FARKLI MORDAN MADDELERİNİN ETKİLERİ**
DAYIOĞLU H., KOÇAK E. D., YILDIZ F.
Uluslararası Kültür, Sanat ve Toplum Sempozyumu, 18 - 20 October 2018

XV. **SYNTHESIZE AND CHARACTERIZATION OF NATURAL FIBERS/ CONDUCTING POLYMER COMPOSITES**
yazıcı p., AlKhateab B., USTAMEHMETOĞLU B., SEZER E., KOÇAK E. D.
1 INTERNATIONAL BALKAN CHEMISTRY CONGRESS – IBCC 2018, Edirne, Turkey, 17 - 20 September 2018, pp.284

XVI. **Microwave Assisted Surface Treatment of Okra Fibers**
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Metrics

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H-Index (WoS): 6
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Invited Talks

Sürdürülebilir yeni lifler, Seminar, Bursa Teknoloji Koordinasyon ve Ar-Ge Merkezi (BUTEKOM), Turkey, February 2020
Sürdürülebilir yeni yeşil lifler, Seminar, Teksmer "Teknik Tekstiller Araştırma ve Uygulama Merkezi, Turkey, December 2019

Awards

Koçak E. D., 1001 Proje Yürütücülüğü, Tübitak Mag, May 2018
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Koçak E. D., Yayın teşvik Ödülü, Tübitak, June 2003
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Non Academic Experience

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BİLİM SANAYİ VE TEKNOLOJİ BAKANLIĞI
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