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International Researcher IDs

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Publons / Web Of Science ResearcherID: C-2290-2016

ScopusID: 57190047403

Yoksis Researcher ID: 28058

Learning Knowledge

Doctorate 2010 - 2013	Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Tekstil Eğitimi, Turkey
Postgraduate 2004 - 2005	Bolton Institute of Higher Education, Center For Materials Research And Innovation, Textile Technology, United Kingdom
Undergraduate 1999 - 2003	Marmara University, Faculty Of Technical Education, Tekstil Eğitimi, Turkey

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, Mühendislik ve Teknoloji Alanlarında Proje Hazırlama Eğitimi, TÜBİTAK BİDEB/SAKARYA ÜNİVERSİTESİ, 2014

Other, Teknik ve Mali Değerlendirme (Bağımsız Değerlendirici), Doğu Karadeniz Kalkınma Ajansı, 2011

Education Management and Planning, Tekstil Laboratuar Ekipmanları Kurulum ve Kullanım Eğitimi, MESDAN, 2010

Occupational Health and Safety, İş Sağlığı ve Güvenliği, DETAM, 2010

Other, AB Projesi Katılım Sertifikası, BILDUNG FÜR EUROPA, 2009

Education Management and Planning, Avrupa Birliği Hibe Programları için Proje Hazırlama Eğitimi, EKONOMİSTLER PLATFORMU, 2009

Education Management and Planning, Nonwoven Pilot Üretim Hattı Kurulumu ve Kullanımı Eğitimi, CORMATEX, 2009

Quality Management, Ulusal, Avrupa, Uluslararası Standardizasyon Faaliyetleri ve Ayna Komiteleri Eğitimi, TSE, 2008

Education Management and Planning, Certificate Program on Sustainable Development for the Private Sector with a focus on EU Accession, Regional Environment Center (REC, Türkiye), 2008

Education Management and Planning, Satış Teknikleri, Brain Tracy International, 2006

Dissertations

Doctorate, Nanolif Bazlı Yara Örtüsü Yüzeyi Geliştirilmesi, Marmara University, Fen Bilimleri Enstitüsü, Tekstil Eğitimi, 2013

Postgraduate, Antimicrobial Applications for Textile Materials, Bolton Institute of Higher Education, Center For Materials Research And Innovation, Textile Technology, 2005

Academic Titles / Tasks

Professor 2024 - Continues	Akdeniz University, Serik Gulsun-Suleyman Sural Vocational School, Department of Textile, Clothing, Shoes and Leather
Associate Professor 2022 - 2024	Akdeniz University, Serik Gulsun-Suleyman Sural Vocational School, Department of Textile, Clothing, Shoes and Leather
Lecturer PhD 2013 - 2022	Akdeniz University, Serik Gulsun-Suleyman Sural Vocational School, Department of Textile, Clothing, Shoes and Leather

Supported Projects

1. Erdem R., Sancak E., Çoşgun A., Yeziyeva M., Aydoğan M., Project Supported by Higher Education Institutions, Elektromagnetik Dalgaları Kalkanlayan Kumaş Geliştirilmesi ve Bu Kapsamda Ergonomik Hamile Giysisi Tasarlanması, 2023 - 2024
2. Erdem Yılmaz Ö., Yılmaz A. C., Erdem R., Project Supported by Higher Education Institutions, ZrO₂ Katlı Nanolif Yapılarının Üretimi ve Oksijen Sensörü Olarak Kullanımı, 2022 - 2023
3. Erdem R., Other International Funding Programs, Ulusal Kapsamda Geleneksel ve Modern Sanat Eğitiminde Ekolojik Tasarımın Evrimi, 2020 - 2022
4. ERDEM R., AKARSU M., AKARSU E., YAVUZ E., KÜÇÜKSAYAN E., Project Supported by Higher Education Institutions, ELEKTROPİNNİNG YÖNTEMİYLE ELDE EDİLECEK OLAN PEG MODİFİYE HİDROKSİAPATİT KATKILI BİYOMEMBRANLARIN IN VITRO ORTAMDA DEĞERLENDİRİLMESİ, 2019 - 2021
5. ERDEM R., EU Supported Other Project, The Power of the Volunteer, 2019 - 2020
6. Erdem Yılmaz Ö., Yılmaz A. C., Erdem R., Project Supported by Higher Education Institutions, Ferrosen Poliüretan Matrisinin Hazırlanması ve Nanoliflerin Eldesi, 2018 - 2019
7. Erdem Yılmaz Ö., Erdem R., Yılmaz A. C., Project Supported by Higher Education Institutions, Polimer Bazlı Nanofiber İskelet Yapılarının Elektroçekim Yöntemi ile Üretilmesi ve Özelliklerinin İncelenmesi, 2017 - 2018
8. ERDEM R., AKARSU E., AKARSU M., ERDEM Ö., KONUK E., YAVUZ E., Project Supported by Higher Education Institutions, NANO HİDROKSİAPATİT VE NANO GÜMÜŞ KATKILI BİYOPOLİMER BAZLI NANOLİFLİ KEMİK DOKU İSKELESİNİN ELEKTROEĞİRME YÖNTEMİYLE GELİŞTİRİLMESİ, 2016 - 2018
9. Erdem Yılmaz Ö., Erdem R., Yılmaz A. C., Project Supported by Higher Education Institutions, Nanopartikül Sentezi ve Elektroçekim ile Nanolif Üretimi, 2016 - 2017
10. Usta İ., Yüksek M., Sancak E., Pars A., Erdem R., Project Supported by Higher Education Institutions, Türkiye'de Bulunan Lif Esaslı Tarımsal Atıkların Değerlendirilmesi için Biyokompozit Laboratuvar Kurulması, 2014 - 2017
11. Yılmaz A. C., Erdem R., Erdem Yılmaz Ö., Project Supported by Higher Education Institutions, Karbon Nanoliflerle Güçlendirilmiş Kompozit Üretimi: Otomotiv Kaportalarındaki Muhtemel Uygulamaları, 2016 - 2016
12. Yüksek M., Erdem R., Atak O., Sancak E., Kabasakal L., Beyit A., Project Supported by Higher Education Institutions, Doğal ve Sentetik Polimerlerden Elektroçekim Yöntemi ile Elde Edilen Nanoliflerin Yara Örtüsü ve Doku Mühendisliği Uygulamalarındaki Performanslarının Araştırılması, 2013 - 2015

13. ERDEM R., EU Supported Other Project, Fashion and Textile Cluster Project, 2005 - 2009

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Studies on sol-gel bonded inorganic based plates having expanded lightweight inclusions for improving energy efficiency**
Yavuz E., KOÇKAL N. U., ERDEM R.
Construction and Building Materials, vol.368, 2023 (SCI-Expanded)
2. **Enhancing Glass Transition Temperature of Poly(methylmethacrylate) by Incorporating Methacrylate-Functional Silane Grafted SiO₂ Nanoparticles**
Emre Yavuz Y., ERDEM R., AKARSU E.
Polymer Science - Series B, vol.64, no.4, pp.546-552, 2022 (SCI-Expanded)
3. **Electrospinning of antibacterial scaffolds composed of poly (L-lactide-co-ε-caprolactone)/collagen type I/silver doped hydroxyapatite particles: potential material for bone tissue engineering**
ERDEM R., Yavuz E., AKARSU E., AKARSU M., Yılmaz Ö. E., ÇOŞGUN A.
Journal of the Textile Institute, vol.114, no.3, pp.441-454, 2022 (SCI-Expanded)
4. **Preparation and Characterization of Polyethylene Glycol Functional Hydroxyapatite/Polycaprolactone Electrospun Biomembranes for Bone Tissue Engineering Applications**
Yavuz E., Erdem R., Küçüksayan E., Akarsu E., Akarsu M.
FIBERS AND POLYMERS, vol.22, no.5, pp.1274-1284, 2021 (SCI-Expanded)
5. **Evaluating hydrogen detection performance of an electrospun CuZnFe₂O₄ nanofiber sensor**
ERDEM YILMAZ Ö., ERDEM R.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.45, no.50, pp.26402-26412, 2020 (SCI-Expanded)
6. **PA6/SILVER BLENDS: INVESTIGATION OF MECHANICAL AND ELECTROMAGNETIC SHIELDING BEHAVIOUR OF ELECTROSPUN NANOFIBERS**
SANCAK E., ÖZEN M. S., ERDEM R., YILMAZ A. C., YÜKSEK M., Soin N., Shah T.
TEKSTİL VE KONFEKSİYON, vol.28, no.3, pp.229-235, 2018 (SCI-Expanded)
7. **Analyses of the mechanical, electrical and electromagnetic shielding properties of thermoplastic composites doped with conductive nanofillers**
YILMAZ A. C., ÖZEN M. S., SANCAK E., ERDEM R., ERDEM YILMAZ Ö., Soin N.
JOURNAL OF COMPOSITE MATERIALS, vol.52, no.11, pp.1423-1432, 2018 (SCI-Expanded)
8. **Electrospinning, preparation and photoluminescence properties of CoNb₂O₆:Dy³⁺ incorporated polyamide 6 composite fibers**
ERDEM R., İlhan M., EKMEKÇİ M. K., ERDEM YILMAZ Ö.
APPLIED SURFACE SCIENCE, vol.421, pp.240-246, 2017 (SCI-Expanded)
9. **Electrospinning of single and multilayered scaffolds for tissue engineering applications**
ERDEM R., YÜKSEK M., SANCAK E., ATAK O., Erginer M., KABASAKAL L., BEYİT A.
JOURNAL OF THE TEXTILE INSTITUTE, vol.108, no.6, pp.935-946, 2017 (SCI-Expanded)
10. **Morphological and mechanical analysis of electrospun shape memory polymer fibers**
Budun S., İŞGÖREN E., ERDEM R., YÜKSEK M.
APPLIED SURFACE SCIENCE, vol.380, pp.294-300, 2016 (SCI-Expanded)
11. **Analysis of EMSE and mechanical properties of sputter coated electrospun nanofibers**
ERDEM R., İlhan M., SANCAK E.
APPLIED SURFACE SCIENCE, vol.380, pp.326-330, 2016 (SCI-Expanded)
12. **Evaluation of electromagnetic shielding effectiveness of multi-axial fabrics and their reinforced PES composites**
ERDEM R.
BULLETIN OF MATERIALS SCIENCE, vol.39, no.4, pp.963-970, 2016 (SCI-Expanded)
13. **Influence of Silver Loaded Antibacterial Agent on Knitted and Nonwoven Fabrics and Some Fabric**

Properties

ERDEM R., Rajendran S.

JOURNAL OF ENGINEERED FIBERS AND FABRICS, vol.11, no.1, pp.38-46, 2016 (SCI-Expanded)

14. **The impact of solvent type and mixing ratios of solvents on the properties of polyurethane based electrospun nanofibers**
ERDEM R., USTA İ., Akalin M., ATAK O., YÜKSEK M., PARS A.
APPLIED SURFACE SCIENCE, vol.334, pp.227-230, 2015 (SCI-Expanded)
15. **Characterization and evaluation of antimicrobial properties of electrospun chitosan/polyethylene oxide based nanofibrous scaffolds (with/without nanosilver)**
Erdem R., Akalin M.
JOURNAL OF INDUSTRIAL TEXTILES, vol.44, no.4, pp.553-571, 2015 (SCI-Expanded)
16. **The influence of nozzle pressure and yarn count on vortex spun yarn properties produced by MVS machine**
KARAKAN G., ERDEM R., Palamutcu S., Abdulla G.
INDUSTRIA TEXTILA, vol.66, no.1, pp.11-18, 2015 (SCI-Expanded)
17. **Thermal and Mechanical Properties of Walnut Shell and Glass Fiber Reinforced Thermoset Polyester Composites**
ONAT A., PAZARLIOĞLU S. S., SANCAK E., ERSOY S., BEYİT A., Erdem R.
ASIAN JOURNAL OF CHEMISTRY, vol.25, no.4, pp.1947-1952, 2013 (SCI-Expanded)

Articles Published in Other Journals

1. **Potential Usage of Silica Aerogel in Textile Based Insulating Materials**
Erdem R.
Trends in Textile Engineering and Fashion Technology, vol.10, no.3, pp.1225-1231, 2024 (Peer-Reviewed Journal)
2. **Determination of the Optimum Speed Mode of the Carding Machine**
Tojimirzaev S., Murzabayeva G., Yeshzhanov A., Erdem R., Yeziyeva M., Batyrkulova A., Togataev T.
INTERNATIONAL REVIEW OF MECHANICAL ENGINEERING (IREME), vol.18, no.4, pp.183-188, 2024 (Scopus)
3. **Study of textile carpet combustion process**
Sikhimbayeva M. T., Kenzhibayeva G., Erdem R.
The Journal of Almaty Technological University, vol.2, no.1, pp.155-164, 2024 (Peer-Reviewed Journal)
4. **Uses of Vermiculite and Perlite in Fire-Retardant Textile Applications**
Erdem R.
Trends in Textile Engineering and Fashion Technology, vol.8, no.4, pp.975-978, 2023 (Peer-Reviewed Journal)
5. **Study of the influence of different drugs on the antibacterial properties of medical gauze**
Ashirbekova G. S., Janpaizova V. M., Erdem R.
Euroasian Education, Science and Innovation Journal, vol.10, pp.241-244, 2022 (Conference Book)
6. **The Current State of Development of Technology for Imparting Medicinal Properties To Textile Materials**
Janpaizova V. M., Erdem R., Ashirbekova G. S., Abdikerimov S. Z.
Science and World, vol.4, no.92, pp.29-31, 2021 (Scopus)
7. **PROBLEMS OF DESIGNING ADAPTATION CLOTHES FOR CHILDREN WITH DISORDERS OF THE MUSCULOSKELETAL SYSTEM**
BASHIROVA, S. A., NIGMATOVA F. U., KALDYBAYEV R. T., ERDEM R., JANPAIZOVA V. M., KIM I. S., RAKHMANKULOVA Z. A.
Textile Industry Technology, vol.4, no.388, pp.111-116, 2020 (Scopus)
8. **İpek Kumaşların Bitki Yaprakları ile Bölgesel Desenlendirilmesi**
ERDEM R., AYDOĞAN BAYRAM M., Bilge G., Atak O.
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.22, no.2, pp.1058-1065, 2018 (Peer-Reviewed Journal)

9. **Elektrik Alan ile Lif Çekimi Yöntemi ile Elde Edilen Ligand Katkılı Poliüretan Nanoliflerin Morfolojik ve Lüminesans Özelliklerinin İncelenmesi**
ERDEM R., ERDEM Ö.
Tekstil ve Mühendis, vol.24, no.105, pp.18-24, 2017 (Scopus)
10. **Murata Hava Jetli (MJS), MurataVorteks (MVS) ve Rieter Air Jet İplik Eğirme Sistemlerinin ve Üretilen İplik Özelliklerinin Karşılaştırılması**
KARAKAN GÜNAYDIN G., ERDEM R., Abdulla G.
Süleyman Demirel Üniversitesi Teknik Bilimler Dergisi, vol.5, no.1, pp.8-19, 2015 (Peer-Reviewed Journal)
11. **Functionalization Techniques for Electrospun Nanofibers for Drug Delivery Applications: A Review**
ERDEM R., Sancak E.
Usak University Journal of Material Sciences, vol.3, no.2, pp.108-201, 2014 (Peer-Reviewed Journal)
12. **İkili Besleme Ünitesi Sistemi ile Elektroçekimi Gerçekleştirilen PVA/ Aloe barbadensis ve PEO/Kitosan Bazlı Nanolifli Yapıların Morfolojik ve Mekanik Özelliklerinin İncelenmesi**
ERDEM R., Sancak E.
AFYON KOCATEPE ÜNİVERSİTESİ FEN BİLİMLERİ DERGİSİ, no.14, pp.1-6, 2014 (Peer-Reviewed Journal)
13. **ELEKTROÇEKİM YÖNTEMİYLE ELDE EDİLEN POLİAMİD 6/KİTOSAN BAZLI NANOLİFLERİN MORFOLOJİK ÖZELLİKLERİNİN İNCELENMESİ**
ERDEM R., Sancak E.
İSTANBUL TİCARET ÜNİVERSİTESİ FEN BİLİMLERİ DERGİSİ, no.12, pp.53-65, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

1. **THERMALLY COMFORTABLE GARMENTS WITH PHASE CHANGE MATERIALS**
Erdem R.
in: Academic Research and Reviews in Engineering Sciences, Birol Kılıç, Editor, Platanus Publishing, Ankara, pp.731-749, 2023
2. **Examples of Textile EthnoDesigns from Specific Ethnic Groups in the World**
Erdem R., Alzhanov G.
in: Social Sciences Researches 3, Mithat Kandemir, Asım Topaklı, Tekin Bayrak, Yasemin Koparan, Mustafa Konuk, Editor, Palet Yayınları, Konya, pp.61-67, 2023
3. **IN VITRO AND IN VIVO EVALUATION OF ELECTROSPUN WOUND DRESSING CONTAINING CHITOSAN/PEO/ NANOSILVER**
Erdem R.
in: ENGINEERING AND ARCHITECTURE SCIENCES Theory, Current Researches and New Trends 3, Asst. Prof. Dr. Tuncay YILMAZ, Editor, IVPE, Cetinje, pp.77-94, 2021
4. **Hygienic Properties of Light Industry Products**
Dzhanpaizova V., Kim I., Erdem R., Kayumova U., Iztleuov G.
Muhtar Auezov South Kazakhstan State University, Simkent, 2020
5. **Advances in fabric structures for wound care**
ERDEM R.
in: Advanced Textiles for Wound Care, Rajendran S., Editor, Woodhead Publishing, Londra, pp.509-540, 2019

Refereed Congress / Symposium Publications in Proceedings

1. **CONSIDERING FASHION DESIGN IN THE CONCEPT OF SUSTAINABILITY**
Erdem R.
2. BİLSEL INTERNATIONAL ASPENDOS SCIENTIFIC RESEARCHES CONGRESS, Antalya, Turkey, 29 - 30 June 2024, pp.381-390
2. **SUSTAINABLE AND GREEN PRODUCT STRATEGIES OF TURKISH TEXTILE AND APPAREL INDUSTRY**

- Erdem R.
2. BİLSEL INTERNATIONAL ASPENDOS SCIENTIFIC RESEARCHES CONGRESS, Antalya, Turkey, 29 - 30 June 2024, pp.391-400
3. **TEXTILE DESIGNING CONCEPTS AND THE EXPERIMENTS OF INNOVATION-ORIENTED FASHION DESIGNERS**
Erdem R.
Ankara International Congress on Scientific Research - IX, Ankara, Turkey, 26 - 29 December 2023, pp.797-804
4. **Dünyadaki Belirli Etnik Gruplardan Tekstil EtnoTasarım Örnekleri**
Erdem R., Alzhanov G.
II. ULUSLARARASI ELSANDER SOSYAL BĞLĞMLER KONGRESĐ PROGRAMI, Antalya, Turkey, 13 - 15 October 2023
5. **Comparison of the antibacterial effect of various drugs on medical gauze**
Sh.Ashirbekova G., M.Janpaizova V., Erdem R.
International Conference of Industrial Technologies and Engineering (ICTE-2021), Simkent, Kazakhstan, 10 - 11 November 2021, no.677027, pp.192-194
6. **LEADING FASHION DESIGN STUDENTS TOWARDS SUSTAINABILITY**
ERDEM R.
INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE ON ETHNO-CULTURAL EDUCATION OF MODERN YOUTH – THE BASIS FOR THE PRESERVATION OF THE NATIONAL CODE, Almati, Kazakhstan, 19 - 20 May 2021, pp.107-112
7. **3D TECHNOLOGIES AND FASHION EDUCATION**
ERDEM R.
INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE ON ETHNO-CULTURAL EDUCATION OF MODERN YOUTH – THE BASIS FOR THE PRESERVATION OF THE NATIONAL CODE, Almati, Kazakhstan, 19 - 20 May 2021, pp.112-117
8. **Anatolian Rugs and Carpets with Traditional Motifs**
ERDEM R., Erdem Yılmaz Ö.
1st International Forum on Independence of Kazakhstan, Cultural Approaches, Modern Trends in Textile and Food Engineering, Shymkent, Kazakhstan, 10 - 11 December 2019, pp.9-14
9. **Medical and Hygiene Textiles**
ERDEM R.
1st International Forum on Independence of Kazakhstan, Cultural Approaches, Modern Trends in Textile and Food Engineering, Shymkent, Kazakhstan, 10 - 11 December 2019, pp.21-26
10. **Investigation of Compression Strength of Concrete Samples Reinforced with Aramid Fibers**
YILMAZ A. C., ERDEM Ö., ERDEM R.
International Ankara Conference of Scientific Research, Ankara, Turkey, 4 - 06 October 2019, pp.657-661
11. **Yara Örtüsü Amaçlı Bazı Tekstil Üretim Sistemleri Üzerine Bir Çalışma**
ERDEM R., ERDEM Ö.
4th International Mediterranean Science and Engineering Congress, Antalya, Turkey, 25 - 27 April 2019, pp.440-442
12. **High Precision Hydrogen Gas SensorDoped With CuFeZn2O4 Nanofiber**
ERDEM Ö., ERDEM R., YILMAZ A. C.
4th International Mediterranean Science and Engineering Congress, Antalya, Turkey, 25 - 27 April 2019, pp.313-315
13. **Some Specific Motives Used on Anatolian Rugs and Carpets**
ERDEM R., EROĞLU M. A.
5. ULUSLARARASI GELENEKSEL VE YÖRESEL DEĞERLER SEMPOZYUMU/ KÜLTÜR ETKİNLİKLERİ, Afyon, Turkey, 26 October 2018, vol.5, pp.705-718
14. **Some Specific Motifs Used on Turkish Rugs and Carpets**
ERDEM R.
5. Uluslararası Yöresel ve Geleneksel Değerler Sempozyumu (UGYODES), Afyonkarahisar, Turkey, 26 - 28 October 2018, pp.705-717

15. **The Impact of Solvents on the Properties of Electrospun Nanofibers**
ERDEM R., Erdem Yılmaz Ö., YILMAZ A. C.
42th International Academic Conference, Roma, Italy, 10 - 13 September 2018, pp.51-59
16. **Dispersion of CuO nano particles in the lubricant of a vapor compression refrigeration system: An investigation on enhancing coefficient of performance**
YILMAZ A. C., ERDEM R., Erdem Yılmaz Ö.
42th International Academic Conference, Roma, Italy, 10 - 14 September 2018, pp.387
17. **Çok Eksenli Kumaş Takviyeli Kompozitlerin Elektromanyetik Kalkanlama Etkinlikleri**
ERDEM R.
2. Uluslararası Mesleki Bilimler Sempozyumu (IVSS 2018), Antalya, Turkey, 26 - 29 April 2018, pp.55
18. **Sintilatör malzemelerin farklı uygulamaları ile ilgili yeni gelişmeler**
İlhan M., ERDEM R.
2. Uluslararası Mesleki Bilimler Sempozyumu (IVSS 2018), Antalya, Turkey, 26 - 29 April 2018, pp.57
19. **Kemik Doku İskelesi Uygulamaları için Hidroksiapatit Katkılı Liflerin Elektroeğirme Yöntemiyle Eldesi**
ERDEM R., YAVUZ E., Erdem Yılmaz Ö., AKARSU E., AKARSU M.
2. Uluslararası Mesleki Bilimler Sempozyumu (IVSS 2018), Antalya, Turkey, 26 - 29 April 2018, pp.57
20. **Electrospinning of Composite Fibers with Luminescence Properties**
İlhan M., ERDEM R.
8th International Istanbul Textile Conference: Evolution of Technical Textiles (ETT 2018), İstanbul, Turkey, 14 - 16 April 2018, pp.61
21. **Tekstil Bazlı Yara Örtülerindeki Yeni Gelişmeler**
ERDEM R.
1. Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, Antalya, Turkey, 7 - 10 December 2017, pp.100
22. **In vitro Evaluation of Modified Nanohydroxyapatite Doped Electrospun Nanofibrous Scaffold**
YAVUZ E., ERDEM R., KÜÇÜKSAYAN E., ERDEM Ö., AKARSU M.
12th International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT), Paris, France, 11 - 13 September 2017, pp.96
23. **PA6/Silver blends: Investigation of Mechanical and Electromagnetic Shielding Behaviour of Electrospun Nanofibers**
ERDEM R., SANCAK E., ÖZEN M. S., YÜKSEK M., SOIN N., SHAH T.
12th International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT), Paris, France, 11 - 13 September 2017, pp.99
24. **In vitro Evaluation of Modified Nanohydroxyapatite Doped Electrospun Nanofibrous Scaffold**
YAVUZ E., ERDEM R., KÜÇÜKSAYAN E., ERDEM Ö., AKARSU M.
12th International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT), Paris, France, 11 - 13 September 2017, pp.96
25. **Ekolojik Baskı Yöntemiyle Kumaşların Renklendirilmesi**
Erdem R., Aydoğan Bayram M., Bilge G.
2. Uluslararası Akdeniz Sanat Sempozyumu (Doğal Boyama), Antalya, Turkey, 10 - 12 May 2017, vol.22, pp.213-216
26. **Synthesis and Electrospinning of nHAP and AgNP Doped Polylactide-co-Caprolactone Fibers**
ERDEM R.
2nd International Conference on Advances in Natural and Applied Sciences (ICANAS 2017), Antalya, Turkey, 18 - 21 April 2017, pp.101
27. **Electrospinning of Ligand Doped Nanofibers**
ERDEM R., ERDEM Ö., Atak O., Pars A.
4th International Conference on Value Addition and Innovation in Textiles (COVITEX 2017), Faisalabat, Pakistan, 27 - 28 March 2017, pp.139-145
28. **A Study on Electrospinning of Biopolymer Based Tissue Scaffold**
ERDEM R., Yüksek M., Sancak E., Atak O.
4th International Conference on Value Addition and Innovation in Textiles (COVITEX 2017), Faisalabat, Pakistan,

27 - 28 March 2017, pp.34-41

29. **Acquisition of Polyurethane Nanofibers Doped with Synthesized Ligands Using Electrospinning Technique**
ERDEM Ö., ERDEM R.
II. International Turkic World Conference on Chemical Sciences and Technologies, Skopje, Macedonia, 26 - 30 October 2016, pp.429
30. **Analyses of the Mechanical, Electrical and Electromagnetic Shielding Properties of Thermoplastic Composites Doped with Conductive Nanofillers**
YILMAZ A. C., SANCAK E., ERDEM R., ERDEM Ö.
11th International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT), Aveiro, Portugal, 6 - 09 September 2016, pp.173
31. **Kevlar 779 Lifi Destekli Kompozit Yapıların Otomobil Karoserlerinde Güçlendirici Olarak Kullanılması**
YILMAZ A. C., ERDEM R., ERDEM Ö.
VIII. International R&D Brokerage Event, Bursa, Turkey, 12 - 13 May 2016, pp.61
32. **Çoklu Elyaf Cinsi İçeren Kumaşların Susuz Ortamda Özel Bir Reaktörde Dispers Boyalarla Boyanması**
ERDEM Ö., YILMAZ A. C., ERDEM R.
VIII. International R&D Brokerage Event, Bursa, Turkey, 12 - 13 May 2016, pp.7
33. **Elektromanyetik Dalgaları Engelleyen Hamile Kıyafeti Tasarımı**
ERDEM R., AYDOĞAN M., SANCAK E., ERDEM Ö.
VIII. International R&D Brokerage Event, Bursa, Turkey, 12 - 13 May 2016, pp.21
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2nd International Conference on Value Addition & Innovation in Textiles (COVITEX), Pakistan, 1 - 04 March 2013, pp.183-191
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.ÜİB Tekstil ve Konfeksiyon Sektöründe I. Ar-Ge Proje Pazarı Platformu, Bursa, Turkey, 1 - 04 February 2009, pp.73-74
51. **Solar Lif Üretilmesi ve Ticarileştirilmesi**
ERDEM R., Tülü N.
ÜİB Tekstil ve Konfeksiyon Sektöründe I. AR-GE Proje Pazarı, Bursa, Turkey, 1 - 04 February 2009, pp.79-80
52. **Jeo-Tekstil Ağırlıklı Yeşillendirme ve Erozyon Kontrol Ürünü**
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ÜİB Tekstil ve Konfeksiyon Sektöründe I. AR-GE Proje Pazarı, Bursa, Turkey, 1 - 04 February 2009, pp.75-76
53. **İnternet Üzerinden Kişiyeye Özel Üretim Projesi**
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54. **Konfeksiyon İşletmelerinde Malzeme İhtiyaç Planlama (MRP) ve Kurumsal Kaynak Planlamanın (ERP) Yaygınlaştırılması.**
ERDEM R., Önder S.
ÜİB Tekstil ve Konfeksiyon Sektöründe I. AR-GE Proje Pazarı, Bursa, Turkey, 1 - 04 February 2009, pp.77-78
55. **Minimum Çamur Üreten Alternatif Biyolojik Arıtma Teknolojisi**
ERDEM R., Tülü N.
ÜİB Tekstil ve Konfeksiyon Sektöründe I. AR-GE Proje Pazarı, Bursa, Turkey, 1 - 04 February 2009, pp.83-84

Other Publications

1. **Effect of Propolis Extract to Morphology of Electrospun Polyurethane Nanofibers**
ERDEM R., Usta İ., Sancak E., Koçak D., Akalın M.
Other, pp.21-26, 2013
2. **Investigation of the mechanical properties of polyamide 6 / chitosan/ hydroxyapatite based electrospun nanofibrous biocomposites**
ERDEM R., Sancak E., Pazarlıoğlu S., Akalın M., Atak O.
Other, pp.103-110, 2013

Academic and Administrative Experience

2022 - Continues	Head of Department	Akdeniz University, Serik Gulsun-Suleyman Sural Vocational School, Department of Textile, Clothing, Shoes and Leather
2020 - 2022	Program Coordinator	Akdeniz University, Serik Gulsun-Suleyman Sural Vocational School, Department of Textile, Clothing, Shoes and Leather
2014 - 2018	Program Coordinator	Akdeniz University, Serik Gulsun-Suleyman Sural Vocational School, Department of Textile, Clothing, Shoes and Leather

Courses

KUMAŞ TASARIMI, Associate Degree, 2021 - 2022
KONFEKSİYON MALZEME BİLGİSİ, Associate Degree, 2021 - 2022
ÇOKLU ORTAM UYGULAMALARI, Associate Degree, 2021 - 2022
Yapay Lifler, Associate Degree, 2021 - 2022
ÖRME TEKNOLOJİSİ, Associate Degree, 2021 - 2022
Dokuma Teknolojisi, Associate Degree, 2021 - 2022
MESLEKİ İNGİLİZCE, Associate Degree, 2021 - 2022
Tekstil Ürün ve Muayeneleri, Associate Degree, 2021 - 2022
MESLEKİ MATEMATİK, Associate Degree, 2021 - 2022
KUMAŞ ANALİZİ VE ÜRETİMİ, Associate Degree, 2021 - 2022

Metrics

Publication: 93
Citation (WoS): 217
Citation (Scopus): 256
H-Index (WoS): 9
H-Index (Scopus): 9

Congress and Symposium Activities

8th International Istanbul Textile Conference: Evolution of Technical Textiles (ETT 2018), Session Moderator, İstanbul, Turkey, 2018
International Conference on Future Technical Textiles (FTT 2014), Invited Speaker, İstanbul, Turkey, 2014
International Conference on Future Technical Textiles (FTT 2014), Session Moderator, İstanbul, Turkey, 2014

Research Areas

Textile Engineering and Technology, Textile Materials, Engineering and Technology