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Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Tekstil Mühendisliği (Dr), Turkey 1994 - 1999

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Tekstil Mühendisliği (YI) (Tezli), Turkey 1991 - 1994

Undergraduate, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, Tekstil Mühendisliği Bölümü, Turkey 1987 - 1991

Research Areas

Technical Textiles

Academic Titles / Tasks

Professor, Bursa Uludağ University, TEKNİK BİLİMLER MYO, TEKSTİL, GİYİM, AYAKKABI VE DERİ, 2014 - Continues

Associate Professor, Bursa Uludağ University, TEKNİK BİLİMLER MYO, TEKSTİL, GİYİM, AYAKKABI VE DERİ, 2009 - 2014

Assistant Professor, Bursa Uludağ University, TEKNİK BİLİMLER MYO, TEKSTİL, GİYİM, AYAKKABI VE DERİ, 2000 - 2009

Lecturer PhD, Bursa Uludağ University, TEKNİK BİLİMLER MYO, TEKSTİL, GİYİM, AYAKKABI VE DERİ, 1998 - 2000

Research Assistant, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, TEKSTİL MÜHENDİSLİĞİ, 1993 - 1998

Academic and Administrative Experience

Head of Department, Bursa Uludağ University, Teknik Bilimler Myo, Tasarım, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. Production, characterization and life cycle analysis of ZnO doped LDPE films

Mutlu G. K., Taskin E. G., KARAHAN M., KARA A., ÜSTÜN G. E.

JOURNAL OF VINYL & ADDITIVE TECHNOLOGY, 2025 (SCI-Expanded)

- II. **Comparative study of virgin and recycled polyethylene terephthalate and polypropylene intermingled thermoplastic composites**
Karahan M., Ozyurt I., Atalay S. O., Turan S. Y., Haji A., Karahan N.
POLYMER COMPOSITES, 2024 (SCI-Expanded)
- III. **Sectoral analysis of textile and composite industries for value-added manufacturing: a regional study Analiza sectorială a industriei textile și a compozitelor pentru producția cu valoare adăugată: un studiu regional**
KARAHAN M., Ari A., Mazyar A.
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- IV. **Relationship between elastic properties and energy absorption of different types of aramid and UHMWPE composites used in ballistic protection**
Ari A., KARAHAN M.
INDUSTRIA TEXTILA, vol.75, no.4, pp.484-497, 2024 (SCI-Expanded)
- V. **Mechanical properties of aramid and UHMWPE thermoplastic composites: numerical and experimental trials**
Ari A., Karahan M., Nasır M. A.
INDUSTRIA TEXTILA, vol.75, no.5, pp.633-643, 2024 (SCI-Expanded)
- VI. **Comparison of mechanical and flammability properties of thermoplastic and thermoset matrix glass fibre woven fabric composites**
Ari A., Karahan M., Karahan N., Yedekçi B.
INDUSTRIA TEXTILA, vol.75, no.5, pp.565-576, 2024 (SCI-Expanded)
- VII. **The comparative analysis of energy dissipation behaviour of woven and UD para-aramid fabrics**
Ari A., KARAHAN M.
INDUSTRIA TEXTILA, vol.75, no.5, pp.658-668, 2024 (SCI-Expanded)
- VIII. **Clusters analysis in technical textiles and composite materials sector: a regional case study Analiza clusterelor în sectorul textilelor tehnice și materialelor compozite: un studiu de caz regional**
Karahan M., Karahan N., Ari A.
Industria Textila, vol.75, no.6, pp.729-741, 2024 (SCI-Expanded)
- IX. **Comparative analysis of natural fibres characteristics as composite reinforcement**
Ari A., KARAHAN M., Kopar M., Ahrari M., Khan R. M. W. U., Hussain M.
INDUSTRIA TEXTILA, vol.74, no.4, pp.403-411, 2023 (SCI-Expanded)
- X. **A Review of Cellulosic Natural Fibers' Properties and Their Suitability as Reinforcing Materials for Composite Panels and Applications**
Ari A., KARAHAN M., Ahmed H. A. M., Babiker O., Dehset R. M. A.
AATCC JOURNAL OF RESEARCH, vol.10, no.3, pp.163-183, 2023 (SCI-Expanded)
- XI. **Comparative evaluation of mechanical properties of short aramid fiber on thermoplastic polymers**
Ari A., BAYRAM A., KARAHAN M., Arslan O.
MATERIALS SCIENCE-POLAND, vol.41, no.1, pp.161-176, 2023 (SCI-Expanded)
- XII. **Investigation of impact properties of para-aramid composites made with a thermoplastic-thermoset blend**
Khan M. I., Umair M., Hussain R., KARAHAN M., Nawab Y.
JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.36, no.2, pp.866, 2023 (SCI-Expanded)
- XIII. **Evaluation of the mechanical properties of chopped carbon fibre reinforced polypropylene, polyethylene, polyamide 6, and polyamide 12 composites**
Ali A., Ali B., KARAHAN M., Secgin K.
INDUSTRIA TEXTILA, vol.74, no.2, pp.175-183, 2023 (SCI-Expanded)
- XIV. **Modeling the consumption of sewing thread for stitch class 301 through image analysis by using Fourier series**
Javed Z., Ahmad F., Khan Q., Naeem M. S., Javaid M. U., Jabbar A., Hassan Z., KARAHAN M.
TEXTILE RESEARCH JOURNAL, vol.92, no.15-16, pp.2792-2799, 2022 (SCI-Expanded)
- XV. **Comparison of the mechanical properties of chopped glass, carbon, and aramid fiber reinforced**

polypropylene

Ari A., BAYRAM A., KARAHAN M., Karagoz S.

POLYMERS & POLYMER COMPOSITES, vol.30, 2022 (SCI-Expanded)

- XVI. **The effect of manufacturing parameters on various composite plates under ballistic impact**
Ari A., Karahan M., Kopar M., Ahrarı M.
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- XVII. **Geometrical Model to Determine Sewing Thread Consumption for Stitch Class 406**
Rehman A. u., Rasheed A., Javed Z., Naeem M. S., Ramzan B., Karahan M.
FIBRES & TEXTILES IN EASTERN EUROPE, vol.29, no.6, pp.72-76, 2021 (SCI-Expanded)
- XVIII. **Comparative Analysis of the Performances of Six Taguchi-Based Multi-Response Optimisation Techniques for Product Development in Textiles**
Ahmad N., Kamal S., Raza Z. A., Abid S., Javed Z., KARAHAN M.
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- XIX. **Adsorption Kinetics of an Activated Carbon Glass Composite Prepared Using Acrylic Waste Through Laser Treatment**
Gilani S. Q. Z., Wiener J., Naeem M. S., Javed Z., Jabbar A., Abid H. A., KARAHAN M.
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- XX. **Evaluation of photovoltaic panels using different nano phase change material and a concise comparison: An experimental study**
Jamil F., Ali H. M., Nasir M. A., KARAHAN M., Janjua M., Naseer A., Ejaz A., Pasha R. A.
Renewable Energy, vol.169, pp.1265-1279, 2021 (SCI-Expanded)
- XXI. **Multi-Response Optimisation for the Development of an Activated Carbon Web as Interlining for Higher Electrical Conductivity and EMI Shielding Using Grey Relational Analysis**
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- XXII. **Influence of Chemical Treatments and Nanocellulose Spray Coating on the Mechanical, Low Velocity Impact and Compression after Impact Performance of Nonwoven Jute Composites**
Jabbar A., Hussain J., Basit A., Naeem M. S., Javaid M. U., KARAHAN M., Nazir A.
JOURNAL OF NATURAL FIBERS, vol.17, no.12, pp.1785-1797, 2020 (SCI-Expanded)
- XXIII. **Mechanical Response of Novel 3D Woven Flax Composites with Variation in Z Yarn Binding**
Jabbar M., Nawab Y., KARAHAN M., Ashraf M., Hussain T.
JOURNAL OF NATURAL FIBERS, vol.17, no.6, pp.890-905, 2020 (SCI-Expanded)
- XXIV. **Effect of silica nanoparticles on mechanical properties of Kevlar/epoxy hybrid composites**
Jabbar M., KARAHAN M., Nawab Y., Ashraf M., Hussain T.
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- XXV. **Experimental analysis of ILSS of glass fibre reinforced thermoplastic and thermoset textile composites enhanced with multiwalled carbon nanotubes**
Zahid S., Nasir M. A., Nauman S., KARAHAN M., Nawab Y., Ali H. M., Khalid Y., Nabeel M., Ullah M.
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- XXVI. **The solar properties of fabrics produced using different weft yarns**
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- XXVII. **Study of influence of interlocking patterns on the mechanical performance of 3D multilayer woven composites**
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- XXVIII. **Mechanical Behaviour of Hybrid Composites Developed from Textile Waste**
Masood Z., Ahmad S., Umair M., Shaker K., Nawab Y., KARAHAN M.
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- XXIX. **Evaluation of Foot Protection Effectiveness Against AP Mine Blasts: Effect of Deflector Geometry**
Kamberoglu M., KARAHAN M., Alpdogan C., KARAHAN N.

- JOURNAL OF TESTING AND EVALUATION, vol.45, no.2, pp.356-368, 2017 (SCI-Expanded)
- XXX. **Investigation of mechanical behavior of woven/knitted hybrid composites**
Ashraf W., Nawab Y., Umair M., Shaker K., KARAHAN M.
JOURNAL OF THE TEXTILE INSTITUTE, vol.108, no.9, pp.1510-1517, 2017 (SCI-Expanded)
- XXXI. **Development of an innovative sandwich composite material for protection of lower limb against landmine explosion: mechanical leg test results**
KARAHAN M., Karahan E. A.
TEXTILE RESEARCH JOURNAL, vol.87, no.1, pp.15-30, 2017 (SCI-Expanded)
- XXXII. **Interdependence of moisture, mechanical properties, and hydrophobic treatment of jute fibre-reinforced composite materials**
Ameer M. H., Shaker K., Ashraf M., KARAHAN M., Nawab Y., Ahmad S., Nasir M. A.
JOURNAL OF THE TEXTILE INSTITUTE, vol.108, no.10, pp.1768-1776, 2017 (SCI-Expanded)
- XXXIII. **Study of dynamic compressive behaviour of aramid and ultrahigh molecular weight polyethylene composites using Split Hopkinson Pressure Bar**
Shaker K., Jabbar A., KARAHAN M., KARAHAN N., Nawab Y.
JOURNAL OF COMPOSITE MATERIALS, vol.51, no.1, pp.81-94, 2017 (SCI-Expanded)
- XXXIV. **Development of an innovative sandwich composites for the protection of lower limbs against landmine explosions**
KARAHAN M., KARAHAN N.
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.35, no.24, pp.1776-1791, 2016 (SCI-Expanded)
- XXXV. **Investigation of the Properties of Natural Fibre Woven Fabrics as a Reinforcement Materials for Green Composites**
KARAHAN M., Ozkan F., YILDIRIM K., KARAHAN N.
FIBRES & TEXTILES IN EASTERN EUROPE, vol.24, no.4, pp.98-104, 2016 (SCI-Expanded)
- XXXVI. **Static and Dynamic Mechanical Properties of Cotton/Epoxy Green Composites**
Koyuncu M., KARAHAN M., KARAHAN N., Shaker K., Nawab Y.
FIBRES & TEXTILES IN EASTERN EUROPE, vol.24, no.4, pp.105-111, 2016 (SCI-Expanded)
- XXXVII. **Static and dynamic mechanical properties of novel treated jute/green epoxy composites**
Jabbar A., Militky J., Wiener J., KARAHAN M.
TEXTILE RESEARCH JOURNAL, vol.86, no.9, pp.960-974, 2016 (SCI-Expanded)
- XXXVIII. **Investigation of the tensile properties of natural and natural/synthetic hybrid fiber woven fabric composites**
KARAHAN M., KARAHAN N.
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- XXXIX. **Low Velocity Impact Behaviour of Aramid and UHMWPE Composites**
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- XL. **Ballistic impact behavior of the aramid and ultra-high molecular weight polyethylene composites**
KARAHAN M., Jabbar A., KARAHAN N.
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- XLI. **Monitoring of acoustic emission damage during tensile loading of 3D woven carbon/epoxy composites**
Lomov S. V., Karahan M., Bogdanovich A. E., Verpoest I.
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- XLII. **Effect of Weaving Structure and Hybridization on the Low-Velocity Impact Behavior of Woven Carbon-Epoxy Composites**
KARAHAN M., KARAHAN N.
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- XLIII. **Influence of weaving structure and hybridization on the tensile properties of woven carbon-epoxy composites**
KARAHAN M., KARAHAN N.

- JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.33, no.2, pp.212-222, 2014 (SCI-Expanded)
- XLIV. **Quasi-static tensile behavior and damage of carbon/epoxy composite reinforced with 3D non-crimp orthogonal woven fabric**
Bogdanovich A. E., Karahan M., Lomov S. V., Verpoest I.
MECHANICS OF MATERIALS, vol.62, pp.14-31, 2013 (SCI-Expanded)
- XLV. **Static behavior of three-dimensional integrated core sandwich composites subjected to three-point bending**
KARAHAN M., Gul H., KARAHAN N., Ivens J.
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.32, no.9, pp.664-678, 2013 (SCI-Expanded)
- XLVI. **Influence of carbon nanotubes grown on the fibres on damage progression in woven carbon-epoxy composites**
KARAHAN M., Godara A.
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.32, no.8, pp.515-524, 2013 (SCI-Expanded)
- XLVII. **Quasi-static behavior of three-dimensional integrated core sandwich composites under compression loading**
KARAHAN M., KARAHAN N., Gul H., Ivens J.
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.32, no.5, pp.289-299, 2013 (SCI-Expanded)
- XLVIII. **Influence of Stitching Parameters on Tensile Strength of Aramid/Vinyl Ester Composites**
KARAHAN M., ULCAY Y., KARAHAN N., KUŞ A.
MATERIALS SCIENCE-MEDZIAGOTYRA, vol.19, no.1, pp.67-72, 2013 (SCI-Expanded)
- XLIX. **Low velocity impact characteristics of 3D integrated core sandwich composites**
KARAHAN M., Gul H., Ivens J., Karahan N.
TEXTILE RESEARCH JOURNAL, vol.82, no.9, pp.945-962, 2012 (SCI-Expanded)
- L. **The effect of fibre volume fraction on damage initiation and propagation of woven carbon-epoxy multi-layer composites**
Karahana M.
TEXTILE RESEARCH JOURNAL, vol.82, no.1, pp.45-61, 2012 (SCI-Expanded)
- LI. **Fatigue tensile behavior of carbon/epoxy composite reinforced with non-crimp 3D orthogonal woven fabric**
Karahana M., Lomov S. V., Bogdanovich A. E., Verpoest I.
COMPOSITES SCIENCE AND TECHNOLOGY, vol.71, no.16, pp.1961-1972, 2011 (SCI-Expanded)
- LII. **Investigation of damage initiation and propagation in 2 x 2 twill woven carbon/epoxy multi-layer composites**
Karahana M.
TEXTILE RESEARCH JOURNAL, vol.81, no.4, pp.412-428, 2011 (SCI-Expanded)
- LIII. **Compressibility of carbon woven fabrics with carbon nanotubes/nanofibres grown on the fibres**
Lomov S. V., Gorbatikh L., Kotanjac Z., Koissin V., Houle M., Rochez O., KARAHAN M., Mezzo L., Verpoest I.
COMPOSITES SCIENCE AND TECHNOLOGY, vol.71, no.3, pp.315-325, 2011 (SCI-Expanded)
- LIV. **Internal geometry evaluation of non-crimp 3D orthogonal woven carbon fabric composite**
Karahana M., Lomov S. V., Bogdanovich A. E., Mungalov D., Verpoest I.
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- LV. **Investigation into the Tensile Properties of Stitched and Unstitched Woven Aramid/Vinyl Ester Composites**
KARAHAN M., KARAHAN N., ULCAY Y., EREN R., Kaynak G.
TEXTILE RESEARCH JOURNAL, vol.80, no.10, pp.880-891, 2010 (SCI-Expanded)
- LVI. **COMPRESSIBILITY OF CNT-GRAFTED FIBROUS REINFORCEMENTS: A THEORY**
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- LVII. **A comparative study of tensile properties of non-crimp 3D orthogonal weave and multi-layer plain weave E-glass composites. Part 1: Materials, methods and principal results**
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- COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, vol.40, no.8, pp.1134-1143, 2009 (SCI-Expanded)
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- LIX. **Comparison of ballistic performance and energy absorption capabilities of woven and unidirectional aramid fabrics**
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- LX. **An investigation into ballistic performance and energy absorption capabilities of woven aramid fabrics**
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- LXI. **Experimental investigation of the effect of fabric construction on dynamic water absorption in terry fabrics**
Karahah M.
FIBRES & TEXTILES IN EASTERN EUROPE, vol.15, no.3, pp.74-80, 2007 (SCI-Expanded)
- LXII. **Experimental investigation of the effect of fabric parameters on static water absorption in terry fabrics**
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Articles Published in Other Journals

- I. **Cluster Communication Model of Composite and Textile Industries: A Regional Case Study**
Karahah M., Arı A., Karahan N.
RECENT Journal, vol.25, no.3(74), pp.144-154, 2024 (Peer-Reviewed Journal)
- II. **Analysis of Detailed Diagnostic Study Results on Textile and Composite Materials Sectors: A Regional Study**
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- III. **Cluster Networking and Business Development of Composite and Textile Industries: A Regional-Global Case Study**
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- IV. **A Case Study of Sectoral Vocational Competence and Training Centre; Evaluation of In-Service Teacher Trainings for Hybrid and Electric Vehicles**
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- V. **Preliminary Analysis in Clustering and Supply Chain Creation: A Regional Case Study**
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- VI. **Cluster Strategy in Technical Textiles and Composite Materials Sector: A Regional Case Study**
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- VII. **Cluster Governance Analysis in Technical Textiles and Composite Materials Sector: A Regional Case Study**

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- VIII. **Examination of R&D Capacity in the Technical Textile Sector: A Regio-Global Case Study**
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- IX. **Market Trends of Türkiye Textile and Composite Industries: A Regional-Global Case Study**
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- X. **Competency Mapping of Textile and Composite Industries: A Regional-Global Case Study**
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- XI. **Stiffness Determination of Bi- and Triaxial Flat Braided Carbon/Vinyl Ester Composites Using Micromechanics Method**
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TEKSTILEC, no.4, pp.346-356, 2024 (ESCI)
- XII. **Effect of Fibre Type and Fabric Structure on Composite Materials Under Ballistic Shock Impact**
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- XIII. **Technical Textiles Market Research and Added Value Analysis: A Regio-Global Case Study**
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- XIV. **Competitiveness Factors in Textiles and Composites Industry and Transformation into Value-Added Products**
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- XVI. **Synthesis of Silver Nanoparticles Using Novel Chemical Solution Method as Antibacterial Applied on Cosmetic Cotton Balls**
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Journal of Nanotechnology in Diagnosis and Treatment, vol.9, pp.8-18, 2023 (Peer-Reviewed Journal)
- XVII. **A Study to Determine Infrastructure Needs for Hybrid and Electric Vehicle Training in Vocational Education**
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- XVIII. **Optimization of Knitted Fabrics for better Thermo-Physiological Comfort by using Taguchi-based Principal Component Analysis**
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- XIX. **Sectoral Needs Analysis to Develop Training Programs for Hybrid and Electric Vehicles**
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- XX. **A Sustainable Approach to Plastics; Bioplastics**
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- XXI. **A Review on Natural Fibers' for Biopolymer Composites**
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- XXII. **Investigation of damage properties of woven carbon-epoxy composites modified with cnt fillers**
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- Journal of nanotechnology in diagnosis and treatment, no.8, pp.1-8, 2022 (Peer-Reviewed Journal)
- XXIII. **Development of Anti-Bacterial and Anti-Viral Nonwoven Surgical Masks for Medical Applications**
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- XXIV. **MESLEKİ EĞİTİMDE YENİ BİR MODEL: SANAL VE ARTTIRILMIŞ GERÇEKLİK - A NEW MODEL IN VOCATIONAL EDUCATION: VIRTUAL AND AUGMENTED REALITY**
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INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY, Journal Indexed in SCI-E, December 2024
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Discover Mechanical Engineering, Journal Indexed in ESCI, December 2024
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Defence Technology, SCI Journal, November 2024
ACS OMEGA, Journal Indexed in SCI-E, November 2024
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ENGINEERING REPORTS, Journal Indexed in ESCI, August 2024
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PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS, PART L: JOURNAL OF MATERIALS: DESIGN AND APPLICATIONS, Journal Indexed in SCI-E, May 2024
POLYMER COMPOSITES, Journal Indexed in SCI-E, May 2024
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TUBITAK Project, 1501 - Industry R & D Projects Support Program, CET KOMPOZİT VE EPOKSİ TEKNOLOJİLERİ A.Ş. (İSTANBUL), Turkey, May 2024
JOURNAL OF ENGINEERED FIBERS AND FABRICS, Journal Indexed in SCI-E, April 2024
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TUBITAK Project, 1512 - Progressive Support Program for Entrepreneurship, Bursa Uludağ University, Turkey, October 2020

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Bursa Uludağ University, Turkey, July 2020

TUBITAK Project, 1505 - University-Industry Cooperation Support Program, Bursa Uludağ University, Turkey, March 2019

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Bursa Uludağ University, Turkey, February 2019

TUBITAK Project, 1511 - TÜBİTAK Priority Fields Research Technology Development and Innovation PDP, Bursa Uludağ University, Turkey, December 2015

TUBITAK Project, 1511 - TÜBİTAK Priority Fields Research Technology Development and Innovation PDP, Bursa Uludağ University, Turkey, December 2015

TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, Bursa Uludağ University, Turkey, November 2015

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Bursa Uludağ University, Turkey, July 2015

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Bursa Uludağ University, Turkey, May 2015

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Bursa Uludağ University, Turkey, June 2014

TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, Bursa Uludağ University, Turkey, December 2013

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Bursa Uludağ University, Turkey, May 2013

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Bursa Uludağ University, Turkey, December 2012

TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, Bursa Uludağ University, Turkey, December 2010

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Bursa Uludağ University, Turkey, June 2010

Tasks In Event Organizations

Karahan M., 6. Uluslararası Polimerik Kompozitler Sempozyumu ve Çalıştayı, Scientific Congress, İzmir, Turkey, Ekim 2025

Karahan M., 6th Global Conference & Expo on Nanoscience and Nanotechnology, Scientific Congress, Malaysia, Nisan 2024

Karahan M., 3rd International Conference on Knowledge-based Textiles, Scientific Congress, Faisalabad, Pakistan, Mart 2024

Karahan M., 3. International Conference on Polymers and Composites, Scientific Congress, Faisalabad, Pakistan, Kasım 2023

Karahan M., 2nd International Conference on Knowledge-based Textiles, Scientific Congress, Pakistan, Şubat 2023

Karahan M., 2. International Conference on Polymers and Composites International Conference on Polymers and Composites, Scientific Congress, Faisalabad, Pakistan, Aralık 2022

Metrics

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H-Index (Scopus): 28

Congress and Symposium Activities

7th International conference on sustainable textile, Invited Speaker, Lahore, Pakistan, 2024
ICAME 2024, Invited Speaker, Islamabad, Pakistan, 2024
6th International Conference on Sustainable Textile , Invited Speaker, Lahore, Pakistan, 2023
2nd International Conference on Knowledge Based Textiles, Invited Speaker, Faisalabad, Pakistan, 2023
19. International Bhurban Conference of Applied Science and technology, Invited Speaker, Islamabad, Pakistan, 2022
International Conference on Polymer and Composites, Invited Speaker, Faisalabad, Pakistan, 2021
Covitex 2021, Invited Speaker, Faisalabad, Pakistan, 2021
18. International Bhurban Conference on Applied Science and Technology, Invited Speaker, Islamabad, Pakistan, 2021
18. International Bhurban Conference on Applied Science and Technology, Invited Speaker, Islamabad, Pakistan, 2021
15. International Bhurban Conference on Applied Science and Technology, Invited Speaker, Islamabad, Pakistan, 2018
V. International Polymeric Composites Symposium and Workshops, Invited Speaker, İzmir, Turkey, 2017

Scholarships

Doktora Sonrası Araştırma Bursu, TÜBİTAK, 2009 - 2010

Awards

Karahan M., BUDAK ŞENER F., YAZICI M., 2022 yılı Başarılı Araştırmacı Ödülü, Bursa Uludağ Üniversitesi, December 2024
Karahan M., 2023 yılı Bilim Ödülü, Bursa Uludağ Üniversitesi, December 2024
Karahan M., 2023 yılı Başarılı Araştırmacı Ödülü, Bursa Uludağ Üniversitesi, December 2024
Karahan M., 2022 yılı Bilim Ödülü, Bursa Uludağ Üniversitesi, December 2024
Karahan M., 2021 yılı World Top %2 Scientist listesine giren bilim insanı ödülü, Bursa Uludağ Üniversitesi, December 2022
Karahan M., 2020 yılı "World Top %2 Scientist" Listesine Giren Bilim İnsanı Ödülü, Bursa Uludağ Üniversitesi, December 2021
Karahan M., OTOMOTİV KOMPOZİTLERİNDE ATIK LİFLERİN KULLANIMI, Uludağ İhracatçı Birlikleri, April 2014
Karahan M., Gelişmiş Balistik Koruma ve Ergonomiye Sahip Yeni Jenerasyon Askeri Kask Tasarımı ve Üretim, Uludağ İhracatçı Birlikleri, April 2014
Karahan M., Hastane Tekstillerinin Yüksek Dezenfeksiyonda Yıkama İçin Yeni ve Çevreci Bir Yöntem: Ultrasonik Yıkama, Uludağ İhracatçı Birlikleri, April 2013

Non Academic Experience

Non-profit Organisation, Bursa Ticaret Sanayi Odası Eğitim Vakfı BUTGEM, BUTGEM
Technology Development Zone, ULUTEK TEKNOPARK, Yönetim Kurulu Üyesi
Technology Development Zone, Uludağ Üniversitesi Teknoloji Transfer ofisi, Teknoloji Transfer Ofisi
Penta Tekstil San. Tic. A.Ş.
Saray Örme San. Tic. A.Ş.