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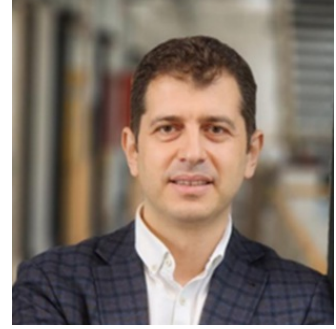
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## International Researcher IDs

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Publons / Web Of Science ResearcherID: P-1162-2014

ScopusID: 7006409680

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## Education Information

Doctorate, Danmarks Tekniske Universitet (Technical University of Denmark), Material Science, Material Mechanics And Composite Materials, Denmark 2008 - 2012

Postgraduate, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, Turkey 2003 - 2007

Undergraduate, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, Turkey 1999 - 2003

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, CHARACTERISATION OF FLAX FIBRES AND FLAX FIBRE COMPOSITES; Being cellulose based source of materials, Danmarks Tekniske Universitet (Technical University of Denmark), Material Science , Material Mechanics And Composite Materials, 2012

## Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Composites, Polymeric Materials, Material Characterization, Cellulosic Materials, Engineering and Technology

## Academic Titles / Tasks

Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2020 - Continues

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2013 - 2018

## Academic and Administrative Experience

Manager of Research and Application Center, Karadeniz Technical University, -----, Medikal Cihaz Tasarım ve Üretim Uygulama ve Araştırma Merkezi (METAM), 2021 - Continues

Deputy Director of the Center, Karadeniz Technical University, -----, Kariyer Merkezi , 2019 - 2020

Deputy Head of Department, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2014 - 2017

## Courses

Malzeme Bilimi I, Undergraduate, 2017 - 2018

Kompozit Malzemeler, Undergraduate, 2016 - 2017

Bilgisayar Destekli Mühendislik Çizimi, Undergraduate, 2016 - 2017

## Advising Theses

Aslan M., Bor mineralleri içeren yüksek yoğunluklu polietilen kompozit malzemelerin üretimi, mekanik ve termal özelliklerinin incelenmesi, Postgraduate, A.EZZATKHAH(Student), 2022

Aslan M., Hidroksiapatit tozu (HAp) katkılı polilaktik-asit kompozit filamentler kullanılarak elde edilmiş 3 boyutlu (3B) katı omur modellerinin geliştirilmesi, Postgraduate, H.KÜBRA(Student), 2021

Aslan M., FDM tipi 3 boyutlu yazıcı ile termoplastik petek/öksetik çekirdek malzeme tasarımı, üretimi ve sandviç kompozitlerde kullanım özelliklerinin araştırılması, Postgraduate, K.ÇAVA(Student), 2019

Aslan M., Karbon bazalt hibrit kompozitlerin mekanik özelliklerine diziliş sırasının etkisinin incelenmesi, Postgraduate, E.GAZİ(Student), 2016

Aslan M., Bazalt elyaf takviyeli polilaktik asit (PLA) kompozitlerin mekanik özelliklerinin incelenmesi, Postgraduate, M.KAYA(Student), 2016

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Examine the mechanical properties of woven glass fiber fabric reinforced composite plate manufactured with vat-photopolymerization**  
ÇAVA K., İPEK H., UŞUN A., ASLAN M.  
POLYMER COMPOSITES, 2024 (SCI-Expanded)
- II. **Effect of the Ag coated ABS granules and hot-pressing temperature on the microstructure evolution and properties of novel Ag/ABS composites**  
Akçay S. B., Kocaman M., Güler O., Ömür F. D., Varol T., Aslan M., Çava K.  
Surfaces and Interfaces, vol.51, 2024 (SCI-Expanded)
- III. **Surface and Mechanical Properties of 3D-Printed Biocompatible ABS Polymers**  
Aslan M., Çava K., Ipek H., Kumaran S. T., Kalusuraman G., Uthayakumar M., Prakash C.  
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.33, no.13, pp.6398-6407, 2024 (SCI-Expanded)
- IV. **Microencapsulated phase change material/wood fiber-starch composite as novel bio-based energy storage material for buildings**  
Öztürk G., Temiz A., Hekimoğlu G., Aslan M., Köse Demirel G., Erdeyer Ö. N., Sarı A., Gencil O., Subaşı S.

Journal of Energy Storage, vol.84, 2024 (SCI-Expanded)

- V. **Crushing response of triply periodic minimal surface structures fabricated by investment casting and powder bed fusion method**  
Özen İ., Çava K., İpek H., Sezer R., Aslan M.  
MATERIALS TODAY COMMUNICATIONS, vol.38, 2024 (SCI-Expanded)
- VI. **Ulexite/HDPE-Bi<sub>2</sub>O<sub>3</sub>/HDPE layered composites for neutron and gamma radiation shielding**  
ALVER Ü., UZUN DURAN S., DEMİRKÖZ M. B., Mucogllava B., ASLAN M., ÇAVA K., ÖZKALAYCI F., Dindar O.  
APPLIED RADIATION AND ISOTOPES, vol.200, 2023 (SCI-Expanded)
- VII. **Physio-mechanical Characterization and Thermal Property Evaluation of Polylactic Acid/Waste Hazelnut Shell Flour Composite with Inorganic Additives**  
Aslan M., Gananiar ., Büyükkaya K., Ezzatkah A., Alver Ü., Sunderesan T. K.  
JOURNAL OF TESTING AND EVALUATION, vol.51, no.5, pp.1-12, 2023 (SCI-Expanded)
- VIII. **Experimental and numerical investigation on energy absorbing characteristics of empty and cellular filled composite crash boxes**  
ÖZEN İ., GEDİKLİ H., ASLAN M.  
ENGINEERING STRUCTURES, vol.289, 2023 (SCI-Expanded)
- IX. **Additive manufacturing of PEEK-based continuous fiber reinforced thermoplastic composites with high mechanical properties**  
Vatandas B. B., UŞUN A., Yıldız N., Simsek C., CORA Ö. N., ASLAN M., GÜMRÜK R.  
COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, vol.167, 2023 (SCI-Expanded)
- X. **Physical properties, thermal and fungal resistance of Scots pine wood treated with nano-clay and several metal-oxides nanoparticles**  
Holy S., Temiz A., Köse Demirel G., Aslan M., Mohamad Amini M. H.  
WOOD MATERIAL SCIENCE & ENGINEERING, vol.17, no.3, pp.176-185, 2022 (SCI-Expanded)
- XI. **Multiple damage detection in laminated composite beams using automated model update**  
Kahya V., Okur F. Y., Şimşek S., Altunışık A. C., Aslan M.  
STRUCTURES, vol.34, pp.1665-1683, 2021 (SCI-Expanded)
- XII. **Damage Localization in Laminated Composite Beams with Multiple Edge Cracks Based on Vibration Measurements**  
KAHYA V., Karaca S., OKUR F. Y., ALTUNIŞIK A. C., ASLAN M.  
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, vol.45, no.1, pp.75-87, 2021 (SCI-Expanded)
- XIII. **Effect of TiN, TiAlCN, AlCrN, and AlTiN ceramic coatings on corrosion behavior of tungsten carbide tool**  
Bilgin S., Güler O., Alver Ü., Erdemir F., Aslan M., Çanakçı A.  
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.57, no.1, pp.263-273, 2021 (SCI-Expanded)
- XIV. **Low-energy impact response of composite sandwich panels with thermoplastic honeycomb and reentrant cores**  
Özen İ., Çava K., Gedikli H., Alver Ü., Aslan M.  
THIN-WALLED STRUCTURES, vol.156, 2020 (SCI-Expanded)
- XV. **Characterization of thick carbon/basalt hybrid fiber polyester composites with graphene nanoplatelets**  
Aslan M., Kaymaz E. G.  
MATERIALS TESTING, vol.62, no.1, pp.12-18, 2020 (SCI-Expanded)
- XVI. **Mechanical and Vibrational Behavior of Twill Woven Carbon Fiber Reinforced Composites**  
John K. M., Kumaran S. T., Kumar K. S., Kumar S. S., Aslan M., Alver U.  
INTERNATIONAL POLYMER PROCESSING, vol.35, no.2, pp.203-210, 2020 (SCI-Expanded)
- XVII. **Mechanical properties of waste copper slag filled surface activated jute fiber reinforced composite**  
Kalusuraman G., Kumaran S. T., Aslan M., Mayandi K.  
MATERIALS RESEARCH EXPRESS, vol.6, no.12, 2019 (SCI-Expanded)

- XVIII. **Use of waste copper slag filled jute fiber reinforced composites for effective erosion prevention**  
Kalusuramana G., Kumaran S. T., Aslan M., Kucukomerogluc T., Siva I.  
MEASUREMENT, vol.148, 2019 (SCI-Expanded)
- XIX. **Optical and Dielectric Properties of PMMA/ $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>-ZnO Nanocomposite Films**  
ALVER Ü., TASCIOLU M. E., GÜLER O., ASLAN M., YAZGAN A., KAYA H., DURAN C., ÇUVALCI H., Bilgin S.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.29, no.5, pp.1514-1522, 2019  
(SCI-Expanded)
- XX. **Evaluation of surface pre-treatments on the surface characteristics modifications in sponge gourd (Luffa Cylindrica) fibers**  
Kalusuraman G., Siva I., ASLAN M., Anandkumar S., Satyanarayana K. G.  
MATERIALS RESEARCH EXPRESS, vol.6, no.9, 2019 (SCI-Expanded)
- XXI. **Free vibrations of laminated composite beams with multiple edge cracks: Numerical model and experimental validation**  
KAHYA V., Karaca S., OKUR F. Y., ALTUNIŞIK A. C., ASLAN M.  
INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, vol.159, pp.30-42, 2019 (SCI-Expanded)
- XXII. **Characterization of tanalith E treated wood flour filled polylactic acid composites**  
Dalu M., Temiz A., Altuntas E., Demirel G. K., Aslan M.  
POLYMER TESTING, vol.76, pp.376-384, 2019 (SCI-Expanded)
- XXIII. **Tribological and mechanical performance of sisal-filled waste carbon and glass fibre hybrid composites**  
Aslan M., Tufan M., Küçükömeroğlu T.  
COMPOSITES PART B-ENGINEERING, vol.140, pp.241-249, 2018 (SCI-Expanded)
- XXIV. **EFFECT OF FIBRE CONTENT ON THE MECHANICAL PROPERTIES OF BASALT FIBRE REINFORCED POLYLACTIC ACID (PLA) COMPOSITES**  
ASLAN M., KAYA M., GÜLER O., ALVER Ü.  
TEKSTİL VE KONFEKSİYON, vol.28, no.1, pp.66-71, 2018 (SCI-Expanded)
- XXV. **Fractographic observations of the microstructural characteristics of flax fibre composites**  
Madsen B., Asian M., Lilholt H.  
COMPOSITES SCIENCE AND TECHNOLOGY, vol.123, pp.151-162, 2016 (SCI-Expanded)
- XXVI. **DECAY RESISTANCE, THERMAL DEGRADATION, TENSILE AND FLEXURAL PROPERTIES OF SISAL CARBON HYBRID COMPOSITES**  
Tufan M., Akbas S., ASLAN M.  
MADERAS-CIENCIA Y TECNOLOGIA, vol.18, no.4, pp.599-606, 2016 (SCI-Expanded)
- XXVII. **Investigation of damage mechanism of flax fibre LPET commingled composites by acoustic emission**  
Aslan M.  
COMPOSITES PART B-ENGINEERING, vol.54, pp.289-297, 2013 (SCI-Expanded)
- XXVIII. **Effect of consolidation pressure on volumetric composition and stiffness of unidirectional flax fibre composites**  
ASLAN M., Mehmood S., Madsen B.  
JOURNAL OF MATERIALS SCIENCE, vol.48, no.10, pp.3812-3824, 2013 (SCI-Expanded)
- XXIX. **Strength variability of single flax fibres**  
Aslan M., Chinga-Carrasco G., Sorensen B. F., Madsen B.  
JOURNAL OF MATERIALS SCIENCE, vol.46, no.19, pp.6344-6354, 2011 (SCI-Expanded)
- XXX. **Feasibility of incorporating waste grass clippings (Lolium perenne L.) in particleboard composites**  
Nemli G., DEMİREL S., Guemueskaya E., ASLAN M., ACAR C.  
WASTE MANAGEMENT, vol.29, no.3, pp.1129-1131, 2009 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Improvement of the Working Volume and the Applications of Retractors Used in Surgical Operations**

Cinel A., Ipek H., Uşun A., Çava K., Aslan M.

Farabi Tıp Dergisi, vol.3, no.1, pp.14-23, 2024 (Peer-Reviewed Journal)

- II. **Otomotiv Sektöründe Bilyalı Mafsal Yatak Uygulamaları İçin Polioksimetilen (POM) Malzemelerin Aşınma Özelliklerinin Karşılaştırmalı Analizi**  
YAZGAN A., SERT Y., KÜÇÜKÖMEROĞLU T., TAŞÇIOĞLU M. E., ÇAVA K., ASLAN M.  
Orclever Science and Research Group, vol.3, no.1, pp.197-206, 2023 (Peer-Reviewed Journal)
- III. **Selection of natural reinforcement material with multi-criteria decision-making methods for polymer composite materials developed for gun bodies**  
KANDEMİR Y., Varol T., aslan m.  
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.13, no.4, pp.911-926, 2023 (Peer-Reviewed Journal)
- IV. **INVESTIGATING PRINTABILITY AND MECHANICAL PERFORMANCE OF 3D PRINTED RECYCLED PET WITH PLA AND TPU HYBRID ADDITIVES**  
Çava K., Aslan M.  
International Journal of 3D Printing Technologies and Digital Industry, vol.7, no.2, pp.252-258, 2023 (Peer-Reviewed Journal)
- V. **Investigation of Energy Absorbing and Damage Behavior of Gyroid and Diamond Cell Based Lattice Structures Manufactured through Powder Bed Fusion Technology**  
ÖZEN İ., ASLAN M.  
International Journal of Automotive Science and Technology, vol.7, no.4, pp.372-383, 2023 (Scopus)
- VI. **Characterisation of 3D Printed Hydroxyapatite Powder (HAp) Filled Polylacticacid (PLA) Composites**  
Yerli H. K., ÇAVA K., ASLAN M.  
International Journal of 3D Printing Technologies and Digital Industry, vol.6, no.3, pp.540-547, 2022 (Peer-Reviewed Journal)
- VII. **Investigation of some mechanical properties of composite materials made of LDPE and bamboo at two different rates**  
Demirel S., Gençalioglu O., Aslan M., Kırıcı H.  
Ormançılık Araştırma Dergisi, vol.9, no.Special Issue, pp.291-298, 2022 (Peer-Reviewed Journal)
- VIII. **Free Vibration and Damping Behaviour of Surface Treated Luffa/ Usp Composite Beams**  
Kalusuraman ., Siva ., Aslan M.  
SSRN Electronic Journal, pp.1-9, 2020 (Scopus)
- IX. **Compression Properties of 3d Printed Honeycomb and Re-Entrant Sandwich Core Materials**  
ÇAVA K., ASLAN M., ALVER Ü., GEDİKLİ H., Kalusuraman G.  
SSRN Electronic Journal, 2020 (Peer-Reviewed Journal)
- X. **Investigation of Thermal Conductivity of Wood Sandwich Panels with Aluminium and Polypropylene Core**  
ASLAN M., ÖZTÜRK H., DEMİRKİR C.  
Journal of Anatolian Environmental and Animal Sciences, vol.4, no.4, pp.647-650, 2019 (Peer-Reviewed Journal)
- XI. **DIMENSIONAL ACCURACY AND PULL-OUT PERFORMANCE OF 3D PRINTED VERTEBRA MODELS**  
ASLAN M., çava k., Yerli H. K.  
Ankara Üniversitesi Tıp Fakültesi Mecmuası, vol.71, no.1, pp.22-23, 2018 (Peer-Reviewed Journal)
- XII. **The investigation of the mechanical properties of sandwich panel composites with different surface and core materials**  
ASLAN M., GÜLER O., ALVER Ü.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.24, no.6, pp.1062-1068, 2018 (ESCI)
- XIII. **Asetillendirilmiş Yongalevhaların Esmer Çürüklük Mantarına (Coniophora puteana) Karşı Dayanıklılığı**  
Dizman E., YILDIZ Ü. C., YILDIZ S., ASLAN M., TEMİZ A.  
KÜ Artvin Orman Fakültesi Dergisi, vol.7, no.2, pp.106-115, 2006 (Peer-Reviewed Journal)
- XIV. **Asetillendirilmiş Ladin Yongalevhalarının Esmer Çürüklük Mantarına Coniophora puteana Karşı Dayanıklılığı**

## Books & Book Chapters

- I. **Effect of Fiber Dosage and Chemical Treatment on the Vibrational Behavior of Luffa/ USP Composite**  
Aslan M., Kumaran S. T., G. K.  
in: Interfacial Bonding Characteristics in Natural Fiber Reinforced Polymer Composites: Fiber-matrix Interface In Biocomposites, Jyotishkumar Parameswaranpillai, Mohit Hemath Kumar, Senthilkumar Krishnasamy, Sanjay Mavinkere Rangapp, Suchart Siengchin, Editor, Springer Nature, Singapore, pp.339-347, 2024
- II. **Kenevir Takviyeli Polimerik Kompozitlerin Endüstriyel Kullanımı.**  
DEMİRCAN Ö., ASLAN M.  
in: Her Yönüyle Kenevir, AYTAÇ, Selim; AYAN Ali Kemal; ARSLANOĞLU Şahane Funda; BALPINAR Özge, Editor, Ondokuz Mayıs Üniversitesi Yayınları, Samsun, pp.137-146, 2023

## Refereed Congress / Symposium Publications in Proceedings

- I. **A Research on the Recyclability of Abs Thermoplastic Material and its Reusability in 3D Printers**  
Çava K., Dudak G. Ç., Uşun A., Aslan M.  
8th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry, Antalya, Turkey, 6 - 08 September 2024, pp.1-10
- II. **Production of a Personalized Orbital Reconstruction Prosthesis from Ct Images Using the Powder Bed Fusion Process Method**  
Uşun A., Aksa H. C., Çava K., Varol T., Aslan M.  
8th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry, Antalya, Turkey, 6 - 08 September 2024, pp.1-10
- III. **The Pull-Out Test Performance of The Hydroxyapatite (HAp) Reinforced Vat Polymerized Bone Mimic**  
İpek H., Aslan M., Elmas E., Terzi Y.  
8th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2024, Antalya, Turkey, 6 - 08 September 2024, pp.1-10
- IV. **Polioksümetilen (POM) Malzemelerin Aşınma Performansı Üzerinde Viskozite ve Kimyasal Yağlayıcıların Etkileşiminin İncelenmesi**  
Yazgan A., Sert Y., Aslan M., Küçükömeroğlu T.  
11. ULUSLARARASI MÜHENDİSLİK VE TEKNOLOJİ YÖNETİMİ KONGRESİ, İstanbul, Turkey, 16 - 17 March 2024, pp.1-7
- V. **THE EFFECT OF DIFFERENT PRE TREATMENT APPLICATIONS ON SURFACE FREE ENERGY AND WETTABILITY OF GLASS FIBER REINFORCED POLYAMIDE COMPOSITE**  
Aslan M., Öztürk M., Kocaman M., Çava K., Çuvalcı H.  
The 5th International Conference of Materials and Engineering Technology (TICMET'23) , Trabzon, Turkey, 13 November 2023, pp.425
- VI. **PRODUCTION OF A PERSONALIZED MANDIBLE PROSTHESIS FROM CT IMAGES USING THE POWDER BED FUSION PROCESS METHOD**  
Aksa H. C., Çava K., Uşun A., İpek H., Aslan M.  
7th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2023, İstanbul, Turkey, 25 - 27 October 2023, pp.27
- VII. **INVESTIGATION OF THE COMPRESSION BEHAVIOR OF THE ADDITIVELY MANUFACTURED GLASS-FIBER REINFORCED COMPOSITES VIA VAT-PHOTOPOLYMERIZATION**  
Çava K., İpek H., Uşun A., Aksa H. C., Aslan M.

7th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2023, İstanbul, Turkey, 25 - 27 October 2023, pp.26

- VIII. **Energy Absorbing Behaviour of Triply Periodic Minimal Surface Structures Manufactured by Powder Bed Fusion Technology with AlSi10Mg Material**  
Özen İ., Aslan M.  
International Symposium on Automotive Science and Technology, ISASTECH 2023, Ankara, Turkey, 7 - 08 September 2023, vol.3, pp.431-443
- IX. **Toz Yatağı Füzyon Teknolojisi ile AlSi10Mg Malzemesi Kullanılarak Üretilen Üç Yönlü Periyodik Minimal Yüzeyle Yapıların Enerji Sönümlenme Davranışı**  
ÖZEN İ., ASLAN M.  
Conference Proceedings of International Symposium on Automotive Science and Technology (ISASTECH), Ankara, Turkey, 07 September 2023, vol.3, pp.431-443
- X. **Comparative Analysis of Mechanical Performance in Homopolymer and Copolymer Polyoxymethylene (POM) Materials**  
Yazgan A., ÇAVA K., Taşcıoğlu M. E., ASLAN M.  
Conference Proceedings of International Symposium on Automotive Science and Technology (ISASTECH), Ankara, Turkey, 07 September 2023, vol.3, pp.268-272
- XI. **Exploring the Tribological Wear Properties of POM Material for Ball Joint Bearing Applications**  
Yazgan A., SERT Y., Taşcıoğlu M. E., KÜÇÜKÖMEROĞLU T., ASLAN M.  
Conference Proceedings of International Symposium on Automotive Science and Technology (ISASTECH), Ankara, Turkey, 07 September 2023, vol.3, pp.262-267
- XII. **Exploring Tribological Wear Properties of POM Material for Ball Joint Bearing Applications**  
Yazgan A., Sert Y., Küçükömeroğlu T., Taşcıoğlu M. E., Aslan M.  
INTERNATIONAL SYMPOSIUM ON AUTOMOTIVE SCIENCE AND TECHNOLOGY, Ankara, Turkey, 7 - 08 September 2023, vol.1, pp.262-267
- XIII. **Racing Canoe Design with Carbon and Glass Fiber Composites: Improving Performance through Fabric Selection and Sequence**  
Derici S., Çolak A. G., Özgün O., Aslan M.  
2nd International conference on innovative academic studies, Konya, Turkey, 28 - 31 January 2023, vol.2, no.978605723, pp.230-235
- XIV. **PRODUCTION OF CELESTITE POWDER ADDED POLYMER COMPOSITE FOR THYROID PROTECTIVE COLLAR DESIGN AND INVESTIGATION OF GAMMA RAY SHIELDING CHARACTERISTICS**  
Özpinar İ., Çava K., Aslan M., Alver Ü., Apaydın G.  
V. INTERNATIONAL HALICH CONGRESS ON MULTIDISCIPLINARY SCIENTIFIC RESEARCH, İstanbul, Turkey, 15 - 16 January 2023, pp.1053-1062
- XV. **DEVELOPMENT OF PLA/TPU COMPOSITE FILAMENT FOR FDM (FFF) TYPE ADDITIVE MANUFACTURING METHOD AND INVESTIGATION OF THE MECHANICAL PROPERTIES OF THE MANUFACTURED PARTS**  
Çava K., Yaman Y., Özpinar İ., Aslan M., İpek H.  
Middle East International Conference on Contemporary Scientific Studies-VIII, Adana, Turkey, 7 - 08 January 2023, pp.152-161
- XVI. **TERMAL ENERJİ DEPOLAMADA FAZ DEĞİŞTİREN MADDELERİN ODUN KOMPOZİTLERİNDE KULLANILABİLİRLİĞİ**  
Öztürk G., Temiz A., Hekimoğlu G., Köse Demirel G., Aslan M., Sarı A.  
IV. Ulusal Karadeniz Ormanlık Kongresi, Trabzon, Turkey, 6 - 09 December 2021, pp.34
- XVII. **Crashworthiness Analysis of Empty and Cellular Filled Composite Crash Boxes**  
Özen İ., Gedikli H., Aslan M.  
International Symposium on Automotive Science and Technology, ISASTECH 2021, Ankara, Turkey, 8 - 10 September 2021, vol.2, pp.668-679
- XVIII. **Damage localization in laminated composite beams using modal data**  
KAHYA V., ŞİMŞEK S., ALTUNIŞIK A. C., OKUR F. Y., ASLAN M.

IES'20 International Engineering Symposium, Engineering Applications in Industry (Virtual), İzmir, Turkey, 05 December 2020, pp.9-19

- XIX. Investigation of Impact Behavior of Sandwich Materials with 3D Printed Auxetic and Cellular Core Geometries**  
Özen İ., Çava K., Gedikli H., Alver Ü., Aslan M.  
INTERNATIONAL MATERIALS TECHNOLOGIES AND METALLURGY CONFERENCE 2019, İstanbul, Turkey, 31 October - 01 November 2019
- XX. Effect of Acetone Vapor on Surface and Mechanical Properties of 3D Printed ABS in Different Layer Thicknesses**  
Çava K., Aslan M., Alver Ü.  
INTERNATIONAL MATERIALS TECHNOLOGIES AND METALLURGY CONFERENCE 2019, İstanbul, Turkey, 31 October - 01 November 2019
- XXI. Comparison of Mechanical Properties of 3D Printed Sandwich Materials in Cellular and Auxetic Pattern**  
ASLAN M., çava k., ALVER Ü., GEDİKLİ H.  
INTERNATIONAL MATERIALS TECHNOLOGIES AND METALLURGY CONFERENCE 2019, İstanbul, Turkey, 31 October - 01 November 2019
- XXII. THE EFFECT OF NANO-SIZED COMPOUNDS ON WOOD PRESERVATION**  
Holy S., Temiz A., Köse Demirel G., Aslan M.  
III. International Mediterranean Forest and Environment Symposium, Kahramanmaraş, Turkey, 3 - 05 October 2019, pp.119-124
- XXIII. COMPRESSION BEHAVIOR OF AUXETIC AND HONEYCOMB CORE MATERIALS MANUFACTURED BY FDM PRINTER**  
çava k., ASLAN M., ALVER Ü., GEDİKLİ H.  
4th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2019, Antalya, Turkey, 11 - 14 April 2019
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