

## Doç. Dr. HÜSEYİN KÜRŞAD SEZER

### Kişisel Bilgiler

E-posta: kursadsezer@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/kursadsezer>

### Uluslararası Araştırmacı ID'leri

ScholarID: M0M2PmcAAAAJ

ORCID: 0000-0003-4649-7983

Publons / Web Of Science ResearcherID: C-1335-2016

ScopusID: 12790915900

Yoksis Araştırmacı ID: 207302

### Eğitim Bilgileri

Bütünleşik Doktora, The University of Manchester, Mechanical Engineering, Birleşik Krallık 2003 - 2007

Lisans, Erciyes Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Türkiye 1996 - 2001

### Akademik Unvanlar / Görevler

Araştırma Görevlisi, The University of Manchester, Engineering And Physical Sciences, Mechanical Engineering, 2007 - 2013

### Akademik İdari Deneyim

Gazi Üniversitesi, Teknoloji Fakültesi, Endüstriyel Tasarım Mühendisliği Bölümü, 2014 - Devam Ediyor

### Verdiği Dersler

İLERİ İMALAT TEKNOLOJİLERİ, Lisans, 2017 - 2018

TERSİNE MÜHENDİSLİK TASARIMI, Lisans, 2017 - 2018, 2016 - 2017

TEKNİK İNGİLİZCE-I, Lisans, 2017 - 2018, 2016 - 2017

BİLGİSAYAR DESTEKLİ MÜHENDİSLİK, Lisans, 2017 - 2018, 2016 - 2017

MÜHENDİSLİK MEKANİĞİ-I, Lisans, 2017 - 2018

İŞYERİ EĞİTİMİ, Lisans, 2017 - 2018

HIZLI PROTOTİPLEME VE TERSİNE MÜHENDİSLİK, Yüksek Lisans, 2017 - 2018, 2016 - 2017

MESLEKİ YABANCI DİL-I, Lisans, 2016 - 2017

TEKNİK İNGİLİZCE-II, Lisans, 2016 - 2017

### Yönetilen Tezler

Sezer H. K., METAL PARÇALAR ÜZERİNDE HATALI DELİKLERİN TAMİRİ İÇİN BURÇ TASARIMI VE ANALİZLERİ, Yüksek Lisans, M.SİNCER(Öğrenci), 2022

Sezer H. K., LAB-ON-A-CHIP UYGULAMALARI İÇİN MİKRO KANAL TASARIMI VE 3B BASKISI, Yüksek Lisans,

M.BEGÜM(Öğrenci), 2022

SEZER H. K., Stent İmalatına Yönelik Lazer Torna Tezgahı Tasarımı Ve Üretimi, Yüksek Lisans, O.Tuna(Öğrenci), 2019

SEZER H. K., Katmanlı imalat teknolojileri ile ayarlanabilir rijitlikte doku iskelesi tasarımı, Yüksek Lisans,

B.ÇOTUR(Öğrenci), 2019

SEZER H. K., Otomotiv endüstrisi için çok ölçütlü karar verme teknikleri ile katmanlı imalat teknolojisi seçim asistanı geliştirilmesi, Yüksek Lisans, İ.HASİPEK(Öğrenci), 2019

SEZER H. K., Stent imalatına yönelik lazer torna tezgahı tasarımı ve üretimi, Yüksek Lisans, O.TUNA(Öğrenci), 2019

SEZER H. K., FDM 3B yazıcı ile kompozit parça tasarımı ve mekanik özelliklerinin araştırılması, Yüksek Lisans,

O.EREN(Öğrenci), 2017

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Investigation on selective laser-melted AlSi10Mg micro-struts: influence of processing parameters on dimensional accuracy, molten pool morphology and microhardness**  
Eren O., Sezer H. K., Yüksel N., Bakhtarı A. R., Canyurt O. E.  
RAPID PROTOTYPING JOURNAL, cilt.30, sa.8, ss.1556-1578, 2024 (SCI-Expanded)
- II. **A Review on Laser Beam Shaping Application in Laser-Powder Bed Fusion**  
Bakhtarı A. R., SEZER H. K., CANYURT O. E., EREN O., Shah M., Marimuthu S.  
Advanced Engineering Materials, cilt.26, sa.14, 2024 (SCI-Expanded)
- III. **Deep learning-enabled design for tailored mechanical properties of SLM-manufactured metallic lattice structures**  
EREN O., YÜKSEL N., BÖRKLÜ H. R., SEZER H. K., CANYURT O. E.  
ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, cilt.130, 2024 (SCI-Expanded)
- IV. **Synthesis of Aluminium Nitride-Based Coatings on Mild Steel Substrates Utilising an Integrated Laser/Sol-Gel Method**  
EREN O., Kamara A. M., SEZER H. K., Marimuthu S.  
Photonics, cilt.11, sa.4, 2024 (SCI-Expanded)
- V. **Mechanical properties of additively manufactured lattice structures designed by deep learning**  
YÜKSEL N., EREN O., BÖRKLÜ H. R., SEZER H. K.  
THIN-WALLED STRUCTURES, cilt.196, 2024 (SCI-Expanded)
- VI. **A systematic review of Inconel 939 alloy parts development via additive manufacturing process**  
Raza S. A., CANYURT O. E., SEZER H. K.  
Heliyon, cilt.10, sa.3, 2024 (SCI-Expanded)
- VII. **Review of artificial intelligence applications in engineering design perspective**  
YÜKSEL N., BÖRKLÜ H. R., SEZER H. K., CANYURT O. E.  
ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, 2023 (SCI-Expanded)
- VIII. **Effect of lattice design on mechanical response of PolyJet additively manufactured cellular structures**  
EREN O., SEZER H. K., YALÇIN N.  
JOURNAL OF MANUFACTURING PROCESSES, cilt.75, ss.1175-1188, 2022 (SCI-Expanded)
- IX. **The design process of the complex Special Utility Vehicle using the methodical design approach**  
Cavdar F. Y., BÖRKLÜ H. R., ÇAVDAR K., SEZER H. K.  
JOURNAL OF ADVANCED MECHANICAL DESIGN SYSTEMS AND MANUFACTURING, cilt.13, sa.4, 2019 (SCI-Expanded)
- X. **FDM 3D printing of MWCNT re-inforced ABS nano-composite parts with enhanced mechanical and electrical properties**  
SEZER H. K., EREN O.  
JOURNAL OF MANUFACTURING PROCESSES, cilt.37, ss.339-347, 2019 (SCI-Expanded)
- XI. **Additive manufacturing of carbon fiber reinforced plastic composites by fused deposition modelling: effect of fiber content and process parameters on mechanical properties**

SEZER H. K., EREN O., BÖRKLÜ H. R., ÖZDEMİR V.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.34, sa.2, ss.664-674, 2019 (SCI-Expanded)

- XII. **Performance of coated and uncoated carbide/cermet cutting tools during turning**  
ULAŞ H. B., BİLGİN M., SEZER H. K., ÖZKAN M. T.  
MATERIALS TESTING, cilt.60, sa.9, ss.893-901, 2018 (SCI-Expanded)
- XIII. **Continuous Wave Fibre Laser Drilling of High Aspect Ratio Holes in Ni-based Alloys**  
SEZER H. K.  
LASERS IN ENGINEERING, cilt.39, ss.281-291, 2018 (SCI-Expanded)
- XIV. **A practical application for machine design education**  
BÖRKLÜ H. R., Yuksel N., ÇAVDAR K., SEZER H. K.  
JOURNAL OF ADVANCED MECHANICAL DESIGN SYSTEMS AND MANUFACTURING, cilt.12, sa.2, 2018 (SCI-Expanded)
- XV. **Numerical investigation on laser stripping of thermal barrier coating**  
Marimuthu S., Kamara A. M., SEZER H. K., Li L., Ng G. K. L.  
COMPUTATIONAL MATERIALS SCIENCE, cilt.88, ss.131-138, 2014 (SCI-Expanded)
- XVI. **Understanding the process parameter interactions in multiple-pass ultra-narrow-gap laser welding of thick-section stainless steels**  
Elmesalamy A. S., Li L., Francis J. A., SEZER H. K.  
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.68, ss.1-17, 2013 (SCI-Expanded)
- XVII. **Nano-second pulsed DPSS Nd:YAG laser striation-free cutting of alumina sheets**  
Yan Y., Li L., SEZER H. K., Whitehead D., Ji L., Bao Y., Jiang Y.  
INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE, cilt.53, sa.1, ss.15-26, 2012 (SCI-Expanded)
- XVIII. **Experimental and theoretical investigation of fibre laser crack-free cutting of thick-section alumina**  
Yan Y., Li L., SEZER H. K., Whitehead D., Ji L., Bao Y., Jiang Y.  
INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE, cilt.51, sa.12, ss.859-870, 2011 (SCI-Expanded)
- XIX. **CO<sub>2</sub> laser underwater machining of deep cavities in alumina**  
Yan Y., Li L., SEZER H. K., Wang W., Whitehead D., Ji L., Bao Y., Jiang Y.  
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, cilt.31, sa.15, ss.2793-2807, 2011 (SCI-Expanded)
- XX. **The effect of moisture content in fibre laser cutting of pine wood**  
Hernandez-Castaneda J. C., SEZER H. K., Li L.  
OPTICS AND LASERS IN ENGINEERING, cilt.49, ss.1139-1152, 2011 (SCI-Expanded)
- XXI. **Single and dual gas jet effect in Ytterbium-doped fibre laser cutting of dry pine wood**  
Hernandez-Castaneda J. C., SEZER H. K., Li L.  
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.56, ss.539-552, 2011 (SCI-Expanded)
- XXII. **Fabrication of superhydrophobic Cu surfaces with tunable regular micro and random nano-scale structures by hybrid laser texture and chemical etching**  
Dong C., Gu Y., Zhong M., Li L., SEZER H. K., Ma M., Liu W.  
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, cilt.211, sa.7, ss.1234-1240, 2011 (SCI-Expanded)
- XXIII. **Dual gas jet-assisted fibre laser blind cutting of dry pine wood by statistical modelling**  
Hernandez-Castaneda J. C., SEZER H. K., Li L.  
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.50, ss.195-206, 2010 (SCI-Expanded)
- XXIV. **Nano-second pulsed DPSS Nd:YAG laser cutting of CFRP composites with mixed reactive and inert gases**  
Negarestani R., Li L., SEZER H. K., Whitehead D., Methven J.  
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.49, ss.553-566, 2010 (SCI-Expanded)
- XXV. **Recast and oxide formation in laser-drilled acute holes in CMSX-4 nickel single-crystal superalloy**  
Leigh S., SEZER H. K., Li L., Grafton-Reed C., Cuttall M.

- PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE, cilt.224, ss.1005-1016, 2010 (SCI-Expanded)
- XXVI. **Twin gas jet-assisted laser drilling through thermal barrier-coated nickel alloy substrates**  
SEZER H. K., Li L., Leigh S.  
INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE, cilt.49, sa.14, ss.1126-1135, 2009 (SCI-Expanded)
- XXVII. **Mechanisms of Acute Angle Laser Drilling Induced Thermal Barrier Coating Delamination**  
SEZER H. K., Li L.  
JOURNAL OF MANUFACTURING SCIENCE AND ENGINEERING-TRANSACTIONS OF THE ASME, cilt.131, sa.5, 2009 (SCI-Expanded)
- XXVIII. **Statistical analysis of recast formation in laser drilled acute blind holes in CMSX-4 nickel superalloy**  
Leigh S., SEZER H. K., Li L., Grafton-Reed C., Cuttall M.  
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.43, ss.1094-1105, 2009 (SCI-Expanded)
- XXIX. **Statistical analysis of ytterbium-doped fibre laser cutting of dry pine wood**  
Hernandez-Castaneda J. C., SEZER H. K., Li L.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE, cilt.223, sa.7, ss.775-789, 2009 (SCI-Expanded)
- XXX. **Non-destructive microwave evaluation of TBC delamination induced by acute angle laser drilling**  
SEZER H. K., Li L., Wu Z., Anderson B., Williams P.  
MEASUREMENT SCIENCE AND TECHNOLOGY, cilt.18, sa.1, ss.167-175, 2007 (SCI-Expanded)
- XXXI. **Effect of beam angle on HAZ, recast and oxide layer characteristics in laser drilling of TBC nickel superalloys**  
SEZER H. K., Li L., Schmidt M., Pinkerton A. J., Anderson B., Williams P.  
INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE, cilt.46, sa.15, ss.1972-1982, 2006 (SCI-Expanded)
- XXXII. **An investigation into delamination mechanisms in inclined laser drilling of thermal barrier coated aerospace superalloys**  
SEZER H. K., Pinkerton A., Li L., Byrd P.  
JOURNAL OF LASER APPLICATIONS, cilt.17, sa.4, ss.225-234, 2005 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **The Effect of 3D-Printed Custom Insoles on Plantar Pressure for Obese Individual**  
Özgün A. K., SEZER H. K., ALSANCAK S., ŞAHİN İ.  
Journal of Prosthetics and Orthotics, cilt.36, sa.4, 2024 (ESCI)
- II. **ADDITIVE MANUFACTURING OF MICROFLUIDIC LAB-ON-A-CHIP DEVICES**  
EREN O., ÇUHADAROĞLU M. B., SEZER H. K.  
International Journal of 3D Printing Technologies and Digital Industry, cilt.5, sa.3, ss.692-708, 2021 (Hakemli Dergi)
- III. **Tersine Mühendislik Tasarımı: Endüstriyel Tasarım Mühendisliği Lisans Öğrencileri İçin Teknik Seçmeli Ders**  
EREN O., SEZER H. K., BÖRKLÜ H. R.  
International Journal of 3D Printing Technologies and Digital Industry, cilt.2, sa.3, ss.1-11, 2018 (Hakemli Dergi)
- IV. **Implementing 3D Printed Structures as the Newest Textile Form**  
GÜRCÜM B. H., BÖRKLÜ H. R., SEZER H. K., EREN O.  
Journal of Fashion Technology Textile Engineering, cilt.0, sa.4, ss.1-7, 2018 (Hakemli Dergi)
- V. **KUYUMCULUK SEKTÖRÜNDE 3B BASKI TASARIM ÖZGÜRLÜĞÜNDEN FAYDALANMAYA İLİŞKİN BİR PERSPEKTİF**  
Kiraz C., SEZER H. K., ŞAHİN İ.

- International Journal of 3D Printing Technologies and Digital Industry, cilt.2, sa.2, ss.46-58, 2018 (Hakemli Dergi)
- VI. **Topolojik nesnelerin FDM yöntemiyle üretimi”, International Journal of 3D Printing Technologies and Digital Industry**  
Demir S., SEZER H. K., ÖZDEMİR V.  
International Journal of 3D Printing Technologies and Digital Industry, cilt.2, ss.76-87, 2018 (Hakemli Dergi)
- VII. **A Novel Conceptual Design of a Stairlift for Elderly and Disabled People**  
BÖRKLÜ H. R., Bozbuğa F., SEZER H. K., ÖZDEMİR V.  
Gazi University Journal of Science Part A: Engineering And Innovation, cilt.5, sa.1, ss.17-29, 2018 (Hakemli Dergi)
- VIII. **Current 3 Dimensional Printing Technologies Used in Scaffold Design in Tissue Engineering**  
Çotur B., SEZER H. K.  
Düzce University Journal of Science Technology, cilt.5, sa.2, ss.548-564, 2017 (Hakemli Dergi)
- IX. **Short Review on Laser Texturing and Cleaning Carbon Fibre Composites for Aerospace Applications**  
SEZER H. K.  
JOURNAL OF POLYTECHNIC-POLİTEKNİK DERGİSİ, cilt.19, sa.4, ss.623-631, 2016 (ESCI)
- X. **Hızlı Prototip Oluşturmada Karşılaşılan Problemler Ve Çözüm Önerileri**  
BÖRKLÜ H. R., Yıldırım A. K., SEZER H. K.  
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, cilt.4, sa.4, ss.309-319, 2016 (Hakemli Dergi)

## Kitap & Kitap Bölümleri

- I. **Perspective Chapter: Design Considerations for Additive Manufacturing**  
EREN O., SEZER H. K., CANYURT O. E.  
Product Design - A Manufacturing Perspective, YASA EVREN, POYRAZ ÖZGÜR, Editör, IntechOpen, ss.1-20, 2024

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Numerical Modelling Of Heat Distribution In Powder Bed Fusion Process**  
EREN O., SEZER H. K., CANYURT O. E.  
6th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry, Bükreş, Romanya, 22 Kasım 2022, ss.23
- II. **HAVACILIK MALZEMELERİNDE YÜZEY ALTI BOŞLUKLARININ LAZER ŞOKLU ÇEKİÇLEME PERFORMANSINA ETKİSİNİN ARAŞTIRILMASI**  
Sezer H. K.  
IV. Ulusal Mühendislikte Bilimsel ve Mesleki Çalışmalar Kongresi , Ankara, Türkiye, 25 - 26 Aralık 2021, ss.145-150
- III. **Analytical Modelling of Heat Distribution in Powder Bed Fusion Process**  
EREN O., SEZER H. K.  
Innovative Approaches in Additive Manufacturing Congress (IA4AM), Ankara, Türkiye, 16 Temmuz 2021, ss.17-24
- IV. **Additive Manufacturing Of Microfluidic Lab-On-A-Chip, Devices**  
EREN O., ÇUHADAROĞLU M. B., SEZER H. K.  
5th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry, Antalya, Türkiye, 03 Haziran 2021, ss.14
- V. **Additive Manufacturing Of Microfluidic Lab-On-A-Chip Devices**  
Eren O., Çuhadaroğlu M. B., Sezer H. K.  
5th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry (3D-PYC2021), Antalya, Türkiye, 3 - 05 Haziran 2021, sa.57, ss.14
- VI. **Tekstil Sektörüne Eklemeli İmalat Yaklaşımı: 3B Yazıcılar İle Deneysel Çalışma**  
AVCI G., EREN O., SEZER H. K.  
Uluslararası Bilim, Teknoloji Ve Sosyal Bilimlerde Güncel Gelişmeler Sempozyumu, Ankara, Türkiye, 20 - 22 Aralık 2019, cilt.1, ss.411-419

- VII. **3 Boyutlu Yazıcıların Medikal Uygulamaları ve Ayak Bileği Ortez Üretimi**  
TURGAY T., EREN O., SEZER H. K.  
Uluslararası Bilim, Teknoloji Ve Sosyal Bilimlerde Güncel Gelişmeler Sempozyumu, Ankara, Türkiye, 20 - 22 Aralık 2019, cilt.1, ss.376-391
- VIII. **FDM Yazıcı ile Küresel Vana Prototip Çalışması**  
ARINCI B. B., EREN O., SEZER H. K.  
Uluslararası Bilim, Teknoloji Ve Sosyal Bilimlerde Güncel Gelişmeler Sempozyumu, Ankara, Türkiye, 20 - 22 Aralık 2019, cilt.2, ss.263-272
- IX. **Lazer Eklenli Ergiyik Biriktirme (FDM) Yöntemiyle Kompozit Parça Üretimi**  
EREN O., SEZER H. K.  
Uluslararası Bilim, Teknoloji Ve Sosyal Bilimlerde Güncel Gelişmeler Sempozyumu, Ankara, Türkiye, 20 - 22 Aralık 2019, cilt.1, ss.367-375
- X. **Üretken Tasarım ve Topoloji Optimizasyonu Yaklaşımlarıyla Ürün Tasarımı**  
EREN O., SEZER H. K.  
Uluslararası Bilim, Teknoloji Ve Sosyal Bilimlerde Güncel Gelişmeler Sempozyumu, Ankara, Türkiye, 20 - 22 Aralık 2019, cilt.2, ss.251-262
- XI. **Additive Manufacturing of Sensors**  
EREN O., SEZER H. K.  
II International Turkish Word Engineering and Science Congress, Antalya, Türkiye, 7 - 10 Kasım 2019, cilt.3, ss.746-757
- XII. **Generative Herringbone Gear Design for Additive Manufacturing**  
EREN O., SEZER H. K.  
II International Turkish Word Engineering and Science Congress, Antalya, Türkiye, 7 - 10 Kasım 2019, cilt.3, ss.758-766
- XIII. **State of The Art in Laser Drilling of Aerospace Materials**  
SEZER H. K., EREN O.  
II International Turkish Word Engineering and Science Congress, Antalya, Türkiye, 7 - 10 Kasım 2019, cilt.3, ss.767-773
- XIV. **Kompozitlerin Eklemeli İmalatı: Üretim Metodolojisi, Baskı Teknikleri ve Kullanılabilir Malzemeler**  
EREN O., SEZER H. K.  
3rd International Symposium on Industrial Design Engineering (ISIDE 2018), Antalya, Türkiye, 22 - 25 Kasım 2018, ss.650-658
- XV. **Kompozitlerin Eklemeli İmalatı: Uygulama Alanları**  
EREN O., SEZER H. K.  
3rd International Symposium on Industrial Design Engineering (ISIDE 2018), Antalya, Türkiye, 22 - 24 Kasım 2018, ss.642-649
- XVI. **TRIZ Yaklaşımı ile 3D Yazıcı Ekstruder Tasarımı**  
EREN O., BAŞAK H., SEZER H. K.  
3rd International Symposium on Industrial Design & Engineering-ISIDE-2018, Antalya, Türkiye, 22 - 24 Kasım 2018, ss.634-641
- XVII. **A Perspective On Exploiting The Design Freedom Of 3d Printers In Jewellery Industry**  
Kiraz C., SEZER H. K., ŞAHİN İ.  
3rd International Congress on 3D Printing Technologies and Digital Industry 2018, Antalya, Türkiye, 19 - 21 Nisan 2018
- XVIII. **State Of The Art In Applications Of 3d-Prototyping In Automotive Industry With Case Studies**  
Hasipek İ., SEZER H. K.  
3rd International Congress on 3D Printing Technologies and Digital Industry 2018, Antalya, Türkiye, 19 - 21 Nisan 2018
- XIX. **Multifonksiyonel Nanokompozitlerin 3B Baskısı: Elektrik İletkenliğine Etkisi**  
EREN O., SEZER H. K.  
3rd International Congress on 3D Printing Technologies and Digital Industry 2018, Antalya, Türkiye, 19 - 21 Nisan

2018, ss.236-238

- XX. **Tersine Mühendislik Tasarımı: Endüstriyel Tasarım Mühendisliği Lisans Öğrencileri İçin Teknik Seçmeli Ders**  
EREN O., SEZER H. K., BÖRKLÜ H. R.  
3rd International Congress on 3D Printing Technologies and Digital Industry 2018, Antalya, Türkiye, 19 - 21 Nisan 2018, ss.239-241
- XXI. **Topolojik Nesnelerin FDM Yöntemiyle Üretimi**  
DEMİR S., SEZER H. K., ÖZDEMİR V.  
3'rd International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry, Antalya, Türkiye, 19 Nisan 2018 - 21 Nisan 2019
- XXII. **Design And Manufacture Of Customised Toys Utilising Low Cost Fdm 3d Printers**  
Yüceliş A. C., BÖRKLÜ H. R., SEZER H. K.  
3rd International Congress on 3D Printing Technologies and Digital Industry 2018, Antalya, Türkiye, 19 - 21 Nisan 2018
- XXIII. **Bio-Fabrication Via Laser-Induced Forward Transfer**  
SEZER H. K., Çotur B.  
1st International Turkish World Engineering and Science Congress, 7 - 10 Aralık 2017
- XXIV. **High Speed Manufacture Of A Geotextile Through Nanosecond Pulsed Laser Transmisson Welding Process**  
SEZER H. K., Marimuthu S.  
1st International Turkish World Engineering and Science Congress, 7 - 10 Aralık 2017
- XXV. **Implementing 3D Printed Structures As The Newest Textile Form**  
GÜRCÜM B. H., BÖRKLÜ H. R., SEZER H. K., EREN O.  
International Conference on Intelligent Textiles and Mass Customisation ITMC2017, GENT, Belçika, 16 - 18 Ekim 2017
- XXVI. **Conceptual Design of A New Stair Lift For Eldery and Disabled People**  
BÖRKLÜ H. R., BOZBUĞA F., SEZER H. K.  
2nd Inter. Sym. on Industrial Design Engineering, Nevşehir, Türkiye, 13 - 15 Eylül 2017
- XXVII. **3D Printing of Graphene Composites**  
SEZER H. K., EREN O., BÖRKLÜ H. R.  
2nd International Symposium on Industrial Design Engineering (ISIDE 17), Nevşehir, Türkiye, 13 - 15 Eylül 2017, ss.14-19
- XXVIII. **Conceptual Design of a Novel Stair Lift for Elderly and Disabled People**  
BÖRKLÜ H. R., Bozbuğa F., SEZER H. K.  
2nd International Symposium on Industrial Design Engineering (ISIDE 17), 13 - 15 Eylül 2017
- XXIX. **The Design of a Low-Cost Set-Up for Manufacturing The Stent**  
Gökgöz O. T., SEZER H. K.  
2nd International Symposium on Industrial Design Engineering (ISIDE 17), 13 - 15 Eylül 2017
- XXX. **Enhanced Mechanical and Electrical Properties of 3D Printed MWCNT Re-inforced ABS Nano-Composite Parts**  
SEZER H. K., EREN O.  
39th International MATADOR Conference on Advanced Manufacturing, Manchester, İngiltere, 5 - 07 Temmuz 2017
- XXXI. **Additive Manufacturing Of Carbon Fiber Reinforced Plastic Composites By Fused Deposition Modelling: Effect Of Process Parameters On Tensile Properties**  
SEZER H. K., EREN O., BÖRKLÜ H. R.  
2nd International Symposium on 3D Printing Technologies (3D-PTS2017), 3 - 04 Nisan 2017
- XXXII. **Current 3D Dimensional Printing Technologies Used İn Scaffold Design İn Tissue Engineering**  
Çotur B., SEZER H. K.  
2nd International Symposium on 3D Printing Technologies (3D-PTS2017), 3 - 04 Nisan 2017
- XXXIII. **Ergiyik Biriktirme Yöntemi İle Karbon Fiber Takviyeli Kompozitlerin Eklemeli İmalatı: İşlem Parametrelerinin Çekme Özelliklerine Etkisi**

SEZER H. K., EREN O., BÖRKLÜ H. R.

2nd International Symposium on 3D Printing Technologies (3D-PTS2017), İstanbul, Türkiye, 3 - 04 Nisan 2017, ss.424-433

**XXXIV. Karbon Fiber Takviyeli ABS Filament Üretimi ve Mekanik Özelliklerinin Araştırılması**

SEZER H. K., EREN O., BÖRKLÜ H. R.

International Symposium On 3D Printing Technologies, İstanbul, Türkiye, 5 - 08 Mayıs 2016, ss.138-148

**XXXV. Karbon Fiber Takviyeli Abs Filament Üretimi Ve Mekanik Özelliklerinin Araştırılması**

SEZER H. K., EREN O., BÖRKLÜ H. R.

International Symposium on 3D Printing Technologies (3DPTS2016), İstanbul, Türkiye, 5 - 07 Mayıs 2016, ss.138-148

**XXXVI. Hızlı Prototip Oluşturmada Karşılaşılan Problemler Ve Çözüm Önerileri**

BÖRKLÜ H. R., YILDIRIM A., SEZER H. K.

International Symposium on 3D Printing Technologies (3DPTS2016), 5 - 07 Mayıs 2016, ss.111-122

**XXXVII. KARBON FİBER TAKVİYELİ ABS FİLAMANT ÜRETİMİ VE MEKANİK ÖZELLİKLERİNİN ARAŞTIRILMASI**  
SEZER H. K., EREN O., BÖRKLÜ H. R.

1. 3B BASKI TEKNOLOJİLERİ ULUSLARARASI SEMPOZYUMU (3B-BTS2016), İstanbul, Türkiye, 5 - 07 Mayıs 2016, cilt.1, ss.138-148

**XXXVIII. HIZLI PROTOTİP OLUŞTURMADA KARŞILAŞILAN PROBLEMLER VE ÇÖZÜM ÖNERİLERİ**

BÖRKLÜ H. R., YILDIRIM A. K., SEZER H. K.

1. 3B BASKI TEKNOLOJİLERİ ULUSLARARASI SEMPOZYUMU (3B-BTS2016), İstanbul, Türkiye, 5 - 07 Mayıs 2016, cilt.1, ss.111-122

**XXXIX. Process characteristics of single mode fibre laser net shape welding**

Eghlio R. M., Pinkerton A., SEZER H. K., Li L.

PICALO 2010, 4th Pacific International Conference on Applications of Lasers and Optics (PICALO 2010), 23 - 25 Mart 2010

**XL. Oxide formation in acute laser percussion drilled holes in single crystal nickel superalloy**

Leigh S., SEZER H. K., Li L., GraftonReed C., Cuttell M.

ICALEO 2009 - 28th International Congress on Applications of Lasers and Electro-Optics, Congress Proceedings, Orlando, Amerika Birleşik Devletleri, 2 - 05 Kasım 2009

**XLI. The effect of moisture content and tracheids orientation in fibre laser cutting of dry and wet pine wood**

HernandezCastaneda J., SEZER H. K., Li L.

ICALEO 2009 - 28th International Congress on Applications of Lasers and Electro-Optics, Congress Proceedings, Orlando, Amerika Birleşik Devletleri, 2 - 05 Kasım 2009

**XLII. The Effect of Powder Recycling in Direct Metal Laser Deposition on Powder and Manufactured Part Characteristics**

Carroll P., Pinkerton A., Allen J., Syed W., SEZER H. K., Brown P., Ng G., Scudamore R., Li L.

NATO Specialists Meeting AVT-139 'xxCost Effective Manufacture via Net Shape Processing'xx, 01 Ocak 2006, ss.181-188

**XLIII. Effect of beam angle on heat affected zone recast and oxide layer in laser drilling of thermal barrier coated nickel alloys**

SEZER H. K., Li L., Anderson B., Williams P., Schmidt M.

ICALEO 2005, 24th International Congress on Applications of Lasers and Electro-Optics, - Congress Proceedings, Miami, Amerika Birleşik Devletleri, 31 Ekim - 03 Kasım 2005

**XLIV. The effect of gas jet and melt flow on laser drilling of thermal barrier coated nickel alloys**

SEZER H. K., Li L., Byrd P.

ICALEO 2004 - 23rd International Congress on Applications of Laser and Electro-Optics, Congress Proceedings, 4 - 07 Ekim 2004



## **Bilimsel Hakemlikler**

Gazi Mühendislik Bilimleri Dergisi, Hakemli Bilimsel Dergi, Ekim 2021

JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, Hakemli Bilimsel Dergi, Temmuz 2021

International Journal of 3D Printing Technologies and Digital Industry, Hakemli Bilimsel Dergi, Haziran 2021

International Journal of 3D Printing Technologies and Digital Industry, Hakemli Bilimsel Dergi, Mayıs 2021

TÜBİTAK Projesi, 1501 - Sanayi Ar-Ge Projeleri Destekleme Programı, TEKNODİZAYN MAKİNA TASARIM DANIŞMANLIK YAZILIM SANAYİ VE TİCARET LİMİTED ŞİRKETİ (ANKARA), Türkiye, Mart 2021

JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, Hakemli Bilimsel Dergi, Şubat 2021

TÜBİTAK Projesi, 1002 - Hızlı Destek Programı, Eskişehir Teknik Üniversitesi, Türkiye, Şubat 2021

## **Metrikler**

Yayın: 90

Atf (WoS): 874

Atf (Scopus): 937

H-İndeks (WoS): 15

H-İndeks (Scopus): 17

## **Akademi Dışı Deneyim**

Powerlase Photonics Ltd