

## Dr. Öğr. Üyesi EVREN YASA

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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Yoksis Araştırmacı ID: 268167

### Eğitim Bilgileri

Doktora, Katholieke Universiteit Leuven, Makine Müh., Belçika 2006 - 2011

Yüksek Lisans, University Of British Columbia {British Columbia}, Uygulamalı Bilim, Kanada 2002 - 2004

Lisans, İstanbul Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, Türkiye 1998 - 2002

### Yaptığı Tezler

Doktora, Manufacturing combining Selective Laser Melting (SLM) and Selective Laser Erosion (SLE) / Laser Re-melting, Katholieke Universiteit Leuven, Makine Müh., 2011

Yüksek Lisans, Mathematical modeling, measurement and correction of volumetric errors in three-axis machine tools, University Of British Columbia {British Columbia}, Uygulamalı Bilim, 2004

### Araştırma Alanları

Mühendislik ve Teknoloji

### Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Eskişehir Osmangazi Üniversitesi, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ, 2017 - Devam Ediyor

### Akademik İdari Deneyim

Eskişehir Osmangazi Üniversitesi, Merkezi Araştırma Laboratuvarı Uygulama Ve Araştırma Merkezi, 2017 - Devam Ediyor

### Verdiği Dersler

Technical English, Lisans, 2017 - 2018

Fundamentals of Computer Programming, Lisans, 2017 - 2018

Differential Equations, Lisans, 2017 - 2018

İleri İmalat Teknolojileri, Lisans, 2017 - 2018

## Yönetilen Tezler

Kuşhan M. C., Yasa E., A Study on the Effect of Varying Selective Laser Melting Process Parameters by Build Process Simulation, Yüksek Lisans, P.RUGU(Öğrenci), 2020

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

- I. **Effect of Heat Treatment and Hot Isostatic Pressing on the Corrosion Behavior of Ti6Al4 V Parts Produced by Electron Beam Melting Additive Manufacturing Technology**  
Karasoglu M., ÖTEYAKA M. Ö., YASA E., Tan E., KUŞHAN M. C.  
ACS Omega, cilt.9, sa.27, ss.29904-29916, 2024 (SCI-Expanded)
- II. **Choosing between commercially pure titanium and Ti-6Al-4V gyroid structures for orthopedic applications: An analysis through Timoshenko beam theory, the Gibson-Ashby model and experimental methods**  
Depboylu F. N., Yasa E., Poyraz Ö., KORKUSUZ F., Popa A.  
Materials Today Communications, cilt.39, 2024 (SCI-Expanded)
- III. **Biomimetic dental implant production using selective laser powder bed fusion melting: In-vitro results**  
Onder M. E., Culhaoglu A., Ozgul O., Tekin U., Atl F., Taze C., YASA E.  
Journal of the Mechanical Behavior of Biomedical Materials, cilt.151, 2024 (SCI-Expanded)
- IV. **Thin-Walled Commercially Pure Titanium Structures: Laser Powder Bed Fusion Process Parameter Optimization**  
Depboylu F. N., YASA E., Poyraz O., KORKUSUZ F.  
Machines, cilt.11, sa.2, 2023 (SCI-Expanded)
- V. **Material-specific phenomena and developing higher yield process parameters in laser powder bed fusion of 17-4 PH stainless steel**  
YASA E., Atik İ., Kandemir İ.  
Journal of the Brazilian Society of Mechanical Sciences and Engineering, cilt.45, sa.1, 2023 (SCI-Expanded)
- VI. **Optimization of Tooth Support Geometrical Parameters for Laser Powder Bed Fusion Produced Overhang Parts**  
Gulcan O., Gunaydin K., Celik A., YASA E.  
JOURNAL OF TESTING AND EVALUATION, cilt.51, 2022 (SCI-Expanded)
- VII. **Contact-Free Support Structures for the Direct Metal Laser Melting Process**  
Celik A., Tekoglu E., YASA E., Sönmez M. Ş.  
MATERIALS, cilt.15, sa.11, 2022 (SCI-Expanded)
- VIII. **Titanium based bone implants production using laser powder bed fusion technology**  
Depboylu F. N., YASA E., Poyraz Ö., Minguella-Canela J., KORKUSUZ F., De los Santos López M. A.  
Journal of Materials Research and Technology, cilt.17, ss.1408-1426, 2022 (SCI-Expanded)
- IX. **Tribological and mechanical behavior of AISI 316L lattice-supported structures produced by laser powder bed fusion**  
YASA E., AY G. M., Türkseven A.  
International Journal of Advanced Manufacturing Technology, cilt.118, sa.5-6, ss.1733-1748, 2022 (SCI-Expanded)
- X. **Effect of thickness and build direction on the mechanical behavior and microstructure of AISI 316L stainless steel produced by Laser Beam Powder Bed Fusion**  
YASA E., Karasoglu M.  
Kovove Materialy, cilt.60, sa.1, ss.55-65, 2022 (SCI-Expanded)
- XI. **Microstructure and mechanical properties of hybrid additive manufactured dissimilar 17-4 PH and 316L stainless steels**  
Ozsoy A., Tureyen E. B., Baskan M., YASA E.  
Materials Today Communications, cilt.28, 2021 (SCI-Expanded)

- XII. **Pulsed-mode Selective Laser Melting of 17-4 PH stainless steel: Effect of laser parameters on density and mechanical properties**  
Ozsoy A., YASA E., Keles M., Tureyen E. B.  
Journal of Manufacturing Processes, cilt.68, ss.910-922, 2021 (SCI-Expanded)
- XIII. **Investigation of residual stresses by micro indentation in selective laser melting Lazerle metal toz ergitme prosesinde kalinti gerilmelerin mikro girinti tekniği ile incelenmesi**  
YASA E., Poyraz Ö.  
Journal of the Faculty of Engineering and Architecture of Gazi University, cilt.36, sa.2, ss.1029-1039, 2021 (SCI-Expanded)
- XIV. **Dimensional Accuracy and Mechanical Properties of Chopped Carbon Reinforced Polymers Produced by Material Extrusion Additive Manufacturing**  
Yasa E., Ersoy K.  
MATERIALS, cilt.12, sa.23, 2019 (SCI-Expanded)
- XV. **Thermal and molten pool model in selective laser melting process of Inconel 625**  
Kundakcioglu E., Lazoglu I., Poyraz O., YASA E., Cizicioglu N.  
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.95, ss.3977-3984, 2018 (SCI-Expanded)
- XVI. **Assessing and comparing influencing factors of residual stresses in selective laser melting using a novel analysis method**  
Kruth J., Deckers J., Yasa E., Wauthle R.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE, cilt.226, ss.980-991, 2012 (SCI-Expanded)
- XVII. **Determination of geometrical factors in Layerwise Laser Melting using optical process monitoring**  
Craeghs T., Clijsters S., Yasa E., Bechmann F., Berumen S., Kruth J.  
OPTICS AND LASERS IN ENGINEERING, cilt.49, sa.12, ss.1440-1446, 2011 (SCI-Expanded)
- XVIII. **The investigation of the influence of laser re-melting on density, surface quality and microstructure of selective laser melting parts**  
Yasa E., Deckers J., Kruth J.  
RAPID PROTOTYPING JOURNAL, cilt.17, sa.5, ss.312-327, 2011 (SCI-Expanded)
- XIX. **Manufacturing by combining Selective Laser Melting and Selective Laser Erosion/laser re-melting**  
Yasa E., Kruth J. -, Deckers J.  
CIRP ANNALS-MANUFACTURING TECHNOLOGY, cilt.60, sa.1, ss.263-266, 2011 (SCI-Expanded)
- XX. **Investigation of laser and process parameters for Selective Laser Erosion**  
YASA E., Kruth J.  
Precision Engineering-Journal Of The International Societies For Precision Engineering And Nanotechnology, cilt.34, sa.1, ss.101-112, 2010 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Mechanical properties of laser powder bed fusion produced overhang parts with different support geometries: an experimental study**  
Gülcan O., Günaydın K., Çelik A., YASA E.  
Progress in Additive Manufacturing, cilt.9, sa.2, ss.211-229, 2024 (ESCI)
- II. **Recent Inventions in Additive Manufacturing: Holistic Review**  
Fidan I., Huseynov O., Ali M. A., Alkunte S., Rajeshirke M., Gupta A., Hasanov S., Tantawi K., Yasa E., YILMAZ O., et al.  
Inventions, cilt.8, sa.4, 2023 (ESCI)
- III. **Modeling of residual stress and distortion in direct metal laser sintering process: a fast prediction approach**  
Kundakcioglu E., Lazoglu I., Poyraz Ö., YASA E.  
Production Engineering, cilt.16, sa.6, ss.769-783, 2022 (ESCI)

- IV. **Additive Manufacturing in Land Vehicle Industry**  
Ersoy K., KOÇ B., YASA E.  
American Journal of Biomedical Science and Research, 2019 (Hakemli Dergi)
- V. **Anisotropic impact toughness of chopped carbon fiber reinforced nylon fabricated by material extrusion-based additive manufacturing**  
YASA E.  
Eskişehir Technical University Journal of Science and Technology A- Applied Sciences And Engineering, cilt.20, sa.2, ss.195-203, 2019 (Hakemli Dergi)
- VI. **A Study on the Stair Stepping Effect in Direct Metal Laser Sintering of a Nickel-based Superalloy**  
YASA E., Poyraz Ö., Uğur Solakoğlu E., Akbulut G., Ören S.  
Procedia CIRP, cilt.45, ss.175-178, 2016 (Hakemli Dergi)
- VII. **BENCHMARKING OF OPTICAL 3D MEASUREMENT SYSTEMS FOR AEROSPACE APPLICATIONS**  
ÖREN S., YASA E., UĞUR E., POYRAZ Ö., AKBULUT G., PİLATIN S.  
Mühendis ve Makina, 2014 (Hakemli Dergi)
- VIII. **Benchmarking for Metal Additive Manufacturing**  
YASA E., POYRAZ Ö., YAĞMUR A., YILMAZ R., PİLATIN S.  
MSI Defence Review, 2014 (Hakemli Dergi)
- IX. **Overview of cryogenic cooling in machining of Ti alloys and a case study**  
YASA E., Pilatin S., ÇOLAK O.  
Journal of Production Engineering, cilt.15, sa.2, ss.1-9, 2012 (Hakemli Dergi)
- X. **Microstructural investigation of Selective Laser Melting 316L stainless steel parts exposed to laser re-melting**  
YASA E., Kruth J. P.  
Procedia Engineering (CIRP Conference on Surface Integrity (CSI), cilt.19, ss.389-395, 2011 (Hakemli Dergi)
- XI. **Microstructure and mechanical properties of selective laser melted 18Ni-300 steel**  
KEMPEN K., YASA E., THIJS L., KRUTH J. P., VAN HUMBEECK J.  
Physics Procedia, cilt.12, sa.1, ss.255-263, 2011 (Hakemli Dergi)
- XII. **Charpy impact testing of metallic Selective Laser Melting parts**  
YASA E., Deckers J., Kruth J. P., Rombouts M., Luyten J.  
Virtual and Physical Prototyping, cilt.5, sa.2, ss.89-98, 2010 (Scopus)

## Kitap & Kitap Bölümleri

- I. **Smart Bioceramics for Orthopedic Applications**  
YASA E., Depboylu F. N., KORKUSUZ P., KORKUSUZ F.  
Innovative Bioceramics in Translational Medicine II, Choi A.H., Ben-Nissan B., Editör, Springer, ss.157-186, 2022
- II. **İskelet sisteminde kullanılan biyomalzemeler ve vücudun biyomalzemelere yanıtı**  
Depboylu F. N., KORKUSUZ P., YASA E., KORKUSUZ F.  
Üst Ekstremitte, Yaralanmalarında Rehabilitasyon, Tunay V, Erden Z, Yıldız C., Editör, Hipokrat Yayınevi, Ankara, ss.38-49, 2021
- III. **Chapter 3 - Selective laser melting: principles and surface quality**  
YASA E.  
Handbooks in Advanced Manufacturing, Additive Manufacturing, Juan Pou, Antonio Riveiro, J. Paulo Davim, Editör, Elsevier, ss.77-120, 2021
- IV. **Tasarım ve İmalat**  
Yasa E. (Editör)  
Intech Open, London, 2020
- V. **Powder Bed Fusion Additive Manufacturing of Ni-Based Superalloys: Applications, Characteristics, and Limitations**  
YASA E., POYRAZ Ö.

Additive Manufacturing Applications for Metals and Composites, K.R. Balasubramanian, V. Senthilkumar, Editör, IGI Global, Pennsylvania, ss.249-270, 2020

- VI. **Additive Manufacturing of Polymer Matrix Composites**  
Yasa E.  
Uçak Teknolojisi (Aircraft Technology), Melih Kushan, Editör, Intech Open, London, ss.147-169, 2018
- VII. **The investigation of the influence of laser re-melting on density, surface quality and microstructure of SLM parts**  
YASA E., Deckers J., Kruth J. P.  
Emerald Gems: A Focus on SLM and SLS Methods in 3D Printing, , Editör, EMERALD GROUP, ss.23-50, 2015
- VIII. **Selective Laser Sintering/Melting and Selective Laser Erosion with Nd:YAG Lasers**  
YASA E., CRAEGHS T., KRUTH J. P.  
Advances in Laser and Optics Research Vol.7, Arkin W., Editör, NOVA PUBLISHERS, Hauppauge NY, ss.1-64, 2012

### **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Maksillofasiyal ve El Cerrahisi için Cp-Ti İmplantların Üretiminde Lazer Metal Toz Ergitme (LAM) Teknoloji Platformunun Geliştirilmesi**  
DEPBOYLU F. N., YASA E., KORKUSUZ F., POYRAZ Ö.  
BİOMED 2021-TR, 18 Aralık 2021
- II. **Parametric Simulations for Residual Stresses and Distortions of Inconel 625 Fabricated by Laser Powder Bed Fusion Additive Manufacturing**  
POYRAZ Ö., YASA E., TUNÇ L. T., KILIÇAY K.  
AMC TURKEY 2021, İstanbul, Türkiye, 9 - 10 Eylül 2021
- III. **On the Z-Dimensional Accuracy of L-Powder Bed Fusion**  
YASA E., Kandemir İ., ATİK İ.  
AMC TURKEY 2021, İstanbul, Türkiye, 09 Eylül 2021
- IV. **The Selective Laser Melting Process Development of 17-4 PH Stainless Steels with Pulsed-wave Lasers**  
YASA E., ÖZSOY A., TÜREYEN E. B.  
32. Annual Int. Virtual Solid Freeform Fabrication Synposium, Amerika Birleşik Devletleri, 2 - 04 Ağustos 2021
- V. **A Comparative and Experimental Study on the Effect of Heat Treatment Cycles for PBF Ti6Al4V**  
KARAŞOĞLU M., YASA E., TAN E., YAĞMUR A.  
32. Annual Int. Virtual Solid Freeform Fabrication Synposium, Amerika Birleşik Devletleri, 2 - 04 Ağustos 2021
- VI. **An Investigation on the Effect of Reuse and Recycling on Powder Characteristics in Electron Beam Melting**  
YASA E., KARAŞOĞLU M., TAN E., GÜMÜŞ B., SÖYLEMEZ E., AKTAŞ K.  
IMMC 2021, Türkiye, 10 Haziran 2021
- VII. **Biyomimetik Poröz Dental İmplant Tasarımı, İn-vivo ve İn-vitro Değerlendirilmesi: İn-vitro Ön Sonuçlar**  
ODABAŞI F., ÖNDER M. E., TEKİN U., ATIL F., ÇULHAOĞLU A. K., YASA E.  
AÇBİD 14th International Online Congress, 07 Mayıs 2021
- VIII. **On the Use of Inherent Strain Method for Modelling Electron Beam Melting**  
TAN E., YASA E., GÜMÜŞ B., SÖYLEMEZ E., AKTAŞ K.  
EBAM 2020, 5 - 07 Ekim 2020
- IX. **Katmanlı İmalat Teknolojilerinin Truva Atı**  
YASA E.  
Kaynak Teknolojisi XI. Ulusal Kongre ve Sergisi, Ankara, Türkiye, 15 - 16 Kasım 2019
- X. **Selective Laser Melting Process Development for enhanced productivity with Ph 17-4 stainless steel**  
YASA E., Atik İ., Bayraktar İ.  
AMCTURKEY Additive Manufacturing Conference, İstanbul, Türkiye, 17 - 18 Ekim 2019

- XI. **On the optimization of metal spatter sweeping in Selective Laser Melting**  
Gürkan A. Y., Bursa M., YASA E., Ögüt E.  
AMCTURKEY Additive Manufacturing Conference, İstanbul, Türkiye, 17 - 18 Ekim 2019
- XII. **On the effect of unfixed process variables on mechanical properties in Selective Laser Melting**  
YASA E., Ersoy K., KOÇ B.  
AMCTURKEY Additive Manufacturing Conference, İstanbul, Türkiye, 17 - 18 Ekim 2019
- XIII. **Characterization and Compression Testing of Double Gyroid Lattice Structures produced by Direct Metal Laser Sintering**  
Kavas B., YASA E., SÖNMEZ M. Ş.  
AMCTURKEY Additive Manufacturing Conference, İstanbul, Türkiye, 17 - 18 Ekim 2019
- XIV. **Compressive Strength Testing and Characterization of Double Gyroid Lattice Structure Produced by Direct Metal Laser Melting**  
KAVAS B., YASA E., SÖNMEZ M. Ş.  
4th WORKSHOP ON METAL ADDITIVE MANUFACTURING, 27 - 28 Mayıs 2019
- XV. **Understanding Adopting Selective Laser Melting of Metallic Materials**  
YASA E.  
29th Annual International Solid Freeform Fabrication Symposium - An Additive Manufacturing Conference, 13 - 15 Ağustos 2018
- XVI. **A Review on the Additive Manufacturing of Fiber Reinforced Polymer Matrix Composites**  
YASA E., Ersoy K.  
29th Annual International Solid Freeform Fabrication Symposium - An Additive Manufacturing Conference, 13 - 15 Ağustos 2018
- XVII. **Investigation of Support Structures for Direct Metal Laser Sintering (DMLS) of IN625 Parts,**  
Poyraz Ö., YASA E., Akbulut G., Orhangül A., Pilatin S.  
Proc. of Solid Freeform Fabrication (SFF) Symposium, Austin, Amerika Birleşik Devletleri, 10 - 12 Ağustos 2015
- XVIII. **A Technological And Business Perspective Of Additive Manufacturing For Defense Industry**  
Ersoy K., KOÇ B., YASA E.  
18th INTERNATIONAL CONFERENCE ON MACHINE DESIGN AND PRODUCTION, 3 - 06 Temmuz 2018
- XIX. **A CASE STUDY IN ADDITIVE MANUFACTURING OF LARGE METALLIC PARTS**  
YASA E., KOÇ B., ERSOY K.  
Research and Development in Business and Education, in Prague November 14-16, 2017, Prague, Çek Cumhuriyeti, 14 - 16 Kasım 2017
- XX. **The enhancement of micromachining ability of Selective Laser Melting by Selective Laser Erosion,**  
Kruth J. P., YASA E., Vanparys M., Van Vaerenbergh J.  
International Conference Polymers and Moulds Innovations, GENT, Belçika, 19 Nisan 2007 - 20 Nisan 2017
- XXI. **Process limits of direct metal laser sintering (DMLS) in terms of minimum hole and boss diameters with varying aspect ratios**  
Solakoğlu Uğur E., Yılmaz R., Ören S., Akbulut G., Poyraz Ö., YASA E.  
UMTIK (17th International Conference on Machine Design and Production) Conference, Bursa, Türkiye, 12 - 15 Temmuz 2016
- XXII. **Katmanlı İmalat Ve Talaşlı İmalatın Birlikte Uygulandığı Melez Üretim Sistemleri Üzerine**  
POYRAZ Ö., YASA E., PİLATIN S.  
UTIS 6. Ulusal Talaşlı İmalat Sempozyumu, İstanbul, Türkiye, 5 - 07 Kasım 2015
- XXIII. **Repair and Manufacturing of High Performance Tools by Additive Manufacturing**  
YASA E., Poyraz Ö., Cızıoğlu N., Pilatin S.  
8th International Conf. and Exhibition On Design and Production of Machines and Dies/Molds, Aydın, Türkiye, 18 - 21 Haziran 2015
- XXIV. **On Additive Manufacturing for Aviation/Space Applications**  
YASA E.  
SASAD İleri Malzemeler ve Süreçler Çalıştayı, Türkiye, 2 - 03 Aralık 2014
- XXV. **Benchmarking of different powder-bed metal fusion processes for machine selection in additive**

## **manufacturing**

YASA E., Demir F., Akbulut G., Cızıoğlu N., Pilatin S.

Proc. of Solid Freeform Fabrication (SFF) Symposium, Austin, Amerika Birleşik Devletleri, 4 - 06 Ağustos 2014

- XXVI. **Investigation of free-form surface reconstruction techniques for reverse engineering of worn-out gas turbine blades: a case study**  
Poyraz Ö., Uğur Solakoğlu E., Demir F., YASA E., Pilatin S.  
The 16th International Conference on Machine Design and Production, İzmir, Türkiye, 30 Haziran - 03 Temmuz 2014
- XXVII. **On Additive Manufacturing**  
YASA E.  
7th International Powder Metallurgy Conference and Exhibition, Ankara, Türkiye, 24 - 28 Haziran 2014
- XXVIII. **Havacılık malzemelerinin atalet kaynağı yöntemi ile birleştirilmesi**  
Cızıoğlu N., YASA E., Akbulut G., Pilatin S.  
IV. Ulusal Talaşlı İmalat Sempozyumu, Türkiye, 7 - 09 Kasım 2013
- XXIX. **Havacılık sektöründe optik ölçüm yöntemlerinin yeri ve karşılaştırmalı değerlendirilmesi üzerine bir çalışma**  
YASA E., Ören S., Ezgi U., Poyraz Ö., Akbulut G.  
VIII Ulusal Ölçümbilim Kongresi ve Sergisi, Kocaeli, Türkiye, 26 - 28 Eylül 2013
- XXX. **Parameter study for Selective Laser Erosion**  
Kruth J. P., YASA E., Van Vaerenbergh J.  
4th International Conference and Exhibition on design and production of machines and dies/molds, İzmir, Türkiye, 21 Haziran 2007 - 23 Haziran 2013
- XXXI. **Assessment of machinability performance in 5-axis milling of Inconel 718 alloy with different carbide grades**  
YASA E., Orhangül A., Songüler C., Pilatin S., Baytok E.  
7th International Conference and Exhibition on Design and Production of Machines and Dies/Molds, Antalya, Türkiye, 20 - 23 Haziran 2013
- XXXII. **A Review on the Improvements in Machinability of Ti-6Al-4V**  
YASA E., Alpağan U., Pilatin S., ÇOLAK O.  
10th Global Conference on Sustainable Manufacturing, İstanbul, Türkiye, 31 Ekim - 02 Kasım 2012
- XXXIII. **Overview of cryogenic cooling in machining of Ti alloys and a case study**  
YASA E., Pilatin S., ÇOLAK O.  
3rd Int. Conf. on Sustainable Life in Manufacturing, 2 - 05 Ekim 2012
- XXXIV. **Improving productivity rate in SLM of commercial steel powders**  
Badrossamay M., YASA E., Van Vaerenbergh J.  
RAPID 2009 Conference Exposition, Schaumburg, Amerika Birleşik Devletleri, 12 - 14 Mayıs 2009
- XXXV. **Roughness improvement in Selective Laser Melting**  
Kruth J. P., YASA E., Deckers J.  
Proc. of PMI 2008, 1 - 02 Eylül 2008
- XXXVI. **Consolidation of polymer powders by selective lasersintering**  
Kruth J. P., Levy G., Schindel R., Craeghs T., YASA E.  
Proc. of PMI 2008, Gent, Belçika, 1 - 02 Eylül 2008
- XXXVII. **Experimental investigation of laser surface re-melting for the improvement of Selective Laser Melting process**  
Kruth J. P., YASA E., Deckers J.  
Proc. of Solid Freeform Fabrication (SFF) Symposium, Austin, Amerika Birleşik Devletleri, 4 - 06 Ağustos 2008
- XXXVIII. **Experimental analysis of process and laser parameters in laser marking**  
Kruth J. P., YASA E.  
Proc. of ASME ESDA 2008, Haifa, İsrail, 7 - 09 Temmuz 2008
- XXXIX. **Experimental study of the combined process of Selective Laser Melting and Selective Laser Erosion**  
YASA E., Kruth J. P.

## Desteklenen Projeler

- Yasa E., Poyraz Ö., TÜBİTAK Uluslararası İkili İşbirliği Projesi, Maksillofasiyal, El ve KBB Cerrahisi için Kalsiyum Fosfat/Polimer Kompozit Kaplamalı Gözenekli Titanyum Mini Plakların Üretimi ve Karakterizasyonu için Lazerle Metal Toz Ergitme Teknolojik Platformunun Gelistirilmesi, 2021 - 2023
- Yasa E., Tunç L. T., Poyraz Ö., Kılıçay K., TÜBİTAK Projesi, Hibrit Üretimde Eklemeli Ve Talaşlı İmalat Süreçleri Arasındaki Etkileşimin Analizi Ve İyileştirilmesi İçin Yöntem Geliştirilmesi (Hyman), 2021 - 2023
- Yasa E., Söylemez E., TÜBİTAK Projesi, Elektron Işını ile Ergitme Prosesi için Verimli ve Maliyet Etkin Süreç Döngüsünün Geliştirilmesi(Sözleşme aşamasında), 2020 - 2023
- YASA E., AY G. M., Yükseköğretim Kurumları Destekli Proje, Lazerle Metal Toz Ergitme Prosesinde Dolaylı Proses Değişkenlerinin Parça Kalitesine Olan Etkisinin İncelenmesi, 2020 - 2022
- Yasa E., Ay G. M., TÜBİTAK Projesi, Lazerle Metal Toz Ergitme Prosesi İle Üretilmiş Kafes Yapılarının Aşınma /Sürtünme Davranışlarının Karakterizasyonu, 2020 - 2021

## Metrikler

- Yayın: 79  
Atıf (WoS): 687  
Atıf (Scopus): 800  
H-İndeks (WoS): 6  
H-İndeks (Scopus): 6

## Akademi Dışı Deneyim

- European Commission ICT  
TUSAŞ Motor Sanayii A.Ş.