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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, Mühendislik-Mimarlık Fakültesi, Makina Müh.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

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II. **İskelet sisteminde kullanılan biyomalzemeler ve vücudun biyomalzemelere yanıtı**
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Üst Ekstremite, 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**
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Handbooks in Advanced Manufacturing, Additive Manufacturing, Juan Pou, Antonio Riveiro, J. Paulo Davim, Editör, Elsevier, ss.77-120, 2021

IV. **Tasarım ve İmalat**
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V. **Powder Bed Fusion Additive Manufacturing of Ni-Based Superalloys: Applications, Characteristics, and Limitations**
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I. **Maksillofasiyal ve El Cerrahisi için Cp-Ti İmplantların Üretiminde Lazer Metal Toz Ergitme (LAM) Teknoloji Platformunun Geliştirilmesi**
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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.
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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.
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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**
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XI. **On the optimization of metal spatter sweeping in Selective Laser Melting**
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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.

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XIV. **Compressive Strength Testing and Characterization of Double Gyroid Lattice Structure Produced by Direct Metal Laser Melting**
KAVAS B., YASA E., SÖNMEZ M. Ş.
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XV. **Understanding Adopting Selective Laser Melting of Metallic Materials**
YASA E.
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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 MetalLaser 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 ANDPRODUCTION, 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

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Solakoğlu Uğur E., Yılmaz R., Ören S., Akbulut G., Poyraz Ö., YASA E.
UMTIK (17thInternational 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., PİLATİN S.
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XXIII. **Repair and Manufacturing of High Performance Tools byAdditive Manufacturing**
YASA E., Poyraz Ö., Cızıoğlu N., Pilatin S.
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XXIV. **On Additive Manufacturing for Aviation/Space Applications**
YASA E.
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XXV. **Benchmarking of different powder-bed metal fusionprocesses for machine selection in additive manufacturing**
YASA E., Demir F., Akbulut G., Cızıoğlu N., Pilatin S.
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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 16thInternational 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 ilebirleştirilmesi**
Cızıoğlu N., YASA E., Akbulut G., Pilatin S.
IV. Ulusal Talaşlı İmalat Sempozyumu, Türkiye, 7 - 09 Kasım 2013

XXIX. **Havacılık sektöründe optik ölçümyöntemlerinin yeri ve karşılaştırmalı değerlendirilmesi üzerine bir çalışma**
YASA E., Ören S., Ezgi U., Poyraz Ö., Akbulut G.
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XXX. **Parameter study for Selective Laser Erosion**
Kruth J. P., YASA E., Van Vaerenbergh J.
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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.
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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.
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XXXIV. **Improving productivity rate in SLM of commercial steel powders**
Badrossamay M., YASA E., Van Vaerenbergh J.
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XXXV. **Roughness improvement in Selective Laser Melting**
Kruth J. P., YASA E., Deckers J.
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XXXVI. **Consolidation of polymer powders by selective lasersintering**
Kruth J. P., Levy G., Schindel R., Craeghs T., YASA E.
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XXXVII. **Experimental investigation of laser surface re-melting for the improvement of Selective Laser Melting process**
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XXXVIII. **Experimental analysis of process and laser parameters in laser marking**
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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 Için Yöntem Geliştirilmesi (Hyman), 2021 - 2023
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Metrikler

Yayın: 77
Atıf (WoS): 687
Atıf (Scopus): 800
H-İndeks (WoS): 6
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Akademi Dışı Deneyim

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