

Assoc. Prof. ULAŞ YAMAN

Personal Information

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Biography

Ulas Yaman has been an associate professor of mechanical engineering at the Middle East Technical University (METU), Turkey since September 2019. He received his Ph.D. (2014), MSc (2010), BSc (2007) in mechanical engineering, and minor in mechatronics (2007) degrees from METU. He was a visiting assistant professor of computer science at Purdue University from July 2014 to October 2015. His research interests include 3D printing and additive manufacturing, CAD/CAM architectures, command generation, FPGA-based embedded systems and computational geometry for design and manufacturing.

Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Makine Mühendisliği Bölümü, Turkey 2010 - 2014

Post Graduate, Middle East Technical University, Faculty of Engineering, Makine Mühendisliği Bölümü, Turkey 2007 - 2010

Undergraduate Minor, Middle East Technical University, Faculty of Engineering, Makine Mühendisliği Bölümü, Turkey 2004 - 2007

Under Graduate, Middle East Technical University, Faculty of Engineering, Makine Mühendisliği Bölümü, Turkey 2002 - 2007

Dissertations

Doctorate, Advanced command generation paradigms for CNC systems, Orta Doğu Teknik Üniversitesi, Faculty of Engineering, Makine Mühendisliği Bölümü, 2014

Post Graduate, Design of advanced motion command generators utilizing FPGA, Middle East Technical University, Faculty of Engineering, Makine Mühendisliği Bölümü, 2010

Research Areas

Mechanical Engineering, Construction and Manufacturing, Computer Aided Design and Manufacturing, Non-traditional manufacturing methods, Machining Methods, Machine Theory and Dynamics, Robotics, Mechatronics, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Middle East Technical University, Faculty Of Engineering, Department Of Mechanical Engineering, 2020 - Continues

Assistant Professor, Middle East Technical University, Faculty Of Engineering, Department Of Mechanical Engineering,

2018 - 2020

Assistant Professor, Middle East Technical University, Faculty of Engineering, Makine Mühendisliği Bölümü, 2016 - 2018

Assistant Professor, Purdue University, College Of Science, Computer Science, 2014 - 2015

Research Assistant, Middle East Technical University, Faculty of Engineering, Makine Mühendisliği Bölümü, 2007 - 2014

Professional Experience

Deputy Head of Department, Middle East Technical University, Makina Mühendisliği Bölümü, 2017 - Continues

Courses

Mechanical Engineering Design, Under Graduate, 2016 - 2017

Advising Theses

Yaman U., A Continuous Path Planning and Updating Algorithm Based on Voronoi Diagrams, Post Graduate, M.ÖZCAN(Student), 2020

Yaman U., Attitude and position control of a quadrotor using onboard vision system, Post Graduate, Ş.TÜZEL(Student), 2019

Yaman U., Swing up and stabilization of rotary inverted pendulum by using on-off type of cold gas thruster actuators, Post Graduate, Y.SİLİK(Student), 2019

Yaman U., Generation of optimized Voronoi based interior structures for improved mechanical properties, Post Graduate, A.CAN(Student), 2019

Yaman U., An automated shrinkage compensation method for the holes fabricated via FFF process, Post Graduate, S.VAYGHANNEZHAD(Student), 2019

Yaman U., Dölen M., Design of a high precision hybrid AM machine, Post Graduate, Y.Emre(Student), 2019

Yaman U., Soylu R., Design and experimental analysis of mechanical force generators for performance improvement of machines, Post Graduate, M.BURAK(Student), 2019

YAMAN U., Improving the strength of additively manufactured objects via modified interior structures, Post Graduate, C.Mert(Student), 2018

DÖLEN M., YAMAN U., A novel design and fabrication paradigm for 3D printers: Lipro, Post Graduate, V.HASELTALAB(Student), 2018

SAHİLLİOĞLU Y., YAMAN U., Extracting auxetic patterns from meshes for 3d printing, Post Graduate, L.MEHMET(Student), 2018

Designed Lessons

Yaman U., 3D Printing & Additive Manufacturing, Under Graduate, 2017 - 2018

Taught Courses And Trainings

Yaman U., 3D Printing and Additive Manufacturing, 2017 - 2017

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

● A fabrication-oriented remeshing method for auxetic pattern extraction

Mert L. M. , YAMAN U., SAHİLLİOĞLU Y.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.28, pp.1535-1548, 2020

(Journal Indexed in SCI)

● **Shrinkage compensation approach proposed for ABS material in FDM process**

Dilberoglu U. M. , Simsek S., YAMAN U.

Materials and Manufacturing Processes, vol.34, pp.993-998, 2019 (Journal Indexed in SCI)

● **Generation of patterned indentations for additive manufacturing technologies**

Yaman U., Dölen M., Hoffmann C.

IISE Transactions, vol.51, pp.209-217, 2019 (Journal Indexed in SCI Expanded)

● **A novel command generation paradigm for production machine systems**

Yaman U., Dölen M.

ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING, vol.51, pp.25-36, 2018 (Journal Indexed in SCI)

● **Shrinkage compensation of holes via shrinkage of interior structure in FDM process**

Yaman U.

INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.94, pp.2187-2197, 2018 (Journal

Indexed in SCI)

● **Slice coherence in a query-based architecture for 3D heterogeneous printing**

Yaman U., Butt N., Sacks E., Hoffmann C.

COMPUTER-AIDED DESIGN, pp.27-38, 2016 (Journal Indexed in SCI)

● **A gradient-based morphological method to produce planar curve offsets**

Yaman U., Dölen M.

INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.80, pp.255-274, 2015 (Journal

Indexed in SCI)

● **New morphological methods to generate two-dimensional curve offsets**

DÖLEN M., YAMAN U.

INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.71, pp.1687-1700, 2014 (Journal

Indexed in SCI)

● **Direct command generation for CNC machinery based on data compression techniques**

YAMAN U., DÖLEN M.

ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING, vol.29, pp.344-356, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

● **Fabrication of Topologically Optimized Parts via Direct 3D Printing**

Yaman U.

Gazi Üniversitesi Fen Bilimleri Dergisi Part: C Tasarım ve Teknoloji, vol.7, pp.236-244, 2019 (National Refreed

University Journal)

● **A New Method for Generating Image Projections in DLP-type 3D Printer Systems**

YAMAN U., DÖLEN M., Dilberoglu U. M. , GHAREHPAPAGH B.

Procedia Manufacturing, vol.11, pp.490-500, 2017 (Refereed Journals of Other Institutions)

● **The Role of Additive Manufacturing in the Era of Industry 4.0**

Dilberoglu U. M. , GHAREHPAPAGH B., YAMAN U., DÖLEN M.

Procedia Manufacturing, vol.11, pp.545-554, 2017 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

● **Predicting the Effective Cutting Length of Laser Micro Jet Process Using Machine Learning**

Subaşı L., GÖKLER M. İ. , YAMAN U.

International Conference and Exhibition on Digital Transformation and Smart Systems, Ankara, Turkey, 23 - 25

October 2019

MODELLING TOPOLOGICALLY OPTIMIZED PARTS WITH MICROSTRUCTURES

Özkapıcı D., YAMAN U.

Additive Manufacturing Conference, İstanbul, Turkey, 17 - 18 October 2019

Single axis attitude controller design using pulse width modulated thruster

Silik Y., Yaman U.

20th International Conference on Research and Education in Mechatronics, REM 2019, Wels, Austria, 23 - 24 May 2019

CHARACTERIZATION OF EMBEDDED MICROCHANNELS FABRICATED BY SLA

Yıldırım E., Yaman U., Arıkan M. A. S.

4th INTERNATIONAL CONGRESS ON 3D PRINTING (ADDITIVE MANUFACTURING) TECHNOLOGIES AND DIGITAL INDUSTRY, Antalya, Turkey, 11 - 14 April 2019

Embedding QR codes on the interior surfaces of FFF fabricated parts

Gültekin S., Ural A., Yaman U.

25th International Conference on Production Research Manufacturing Innovation: Cyber Physical Manufacturing, ICPR 2019, Illinois, United States Of America, 9 - 14 August 2019, vol.39, pp.519-525

Effect of lattice structures on natural frequency of SLA fabricated parts

Kayiran A. M. , Yaman U.

25th International Conference on Production Research Manufacturing Innovation: Cyber Physical Manufacturing, ICPR 2019, Illinois, United States Of America, 9 - 14 August 2019, vol.39, pp.533-538

Generation of optimized voronoi based interior structures for improved mechanical properties

Öncel A. C. , Yaman U.

29th International Conference on Flexible Automation and Intelligent Manufacturing, FAIM 2019, Limerick, Ireland, 24 - 28 June 2019, vol.38, pp.42-51

Simulator of an additive and subtractive type of hybrid manufacturing system

Dilberoğlu M. U. , Haseltalab V., Yaman U., Dölen M.

29th International Conference on Flexible Automation and Intelligent Manufacturing, FAIM 2019, Limerick, Ireland, 24 - 28 June 2019, vol.38, pp.792-799

A Cloud Manufacturing Application for Additive Manufacturing Methods

Haseltalab V., Yaman U.

IEEE International Conference on Mechatronics (ICM), Ilmenau, Germany, 18 - 20 March 2019, pp.287-292

Investigation of variable bead widths in FFF process

Gharehpapagh B., Dölen M., Yaman U.

29th International Conference on Flexible Automation and Intelligent Manufacturing, FAIM 2019, Limerick, Ireland, 24 - 28 June 2019, vol.38, pp.52-59

A continuous path planning approach on Voronoi diagrams for robotics and manufacturing applications

Özcan M., Yaman U.

29th International Conference on Flexible Automation and Intelligent Manufacturing, FAIM 2019, Limerick, Ireland, 24 - 28 June 2019, vol.38, pp.1-8

Effects of Annealing on the Structure and Mechanical Properties of 3D Printed PLA Components

Aydın S., Yaman U., Özerinç S.

First International Conference on Advances in Mechanical and Mechatronics Engineering, Ankara, Turkey, 8 - 09 November 2018

Automated Image Processing for Scratch Detection on Specular Surfaces

Okbay V., Akar G., Yaman U.

International Conference and Exhibition on Digital Transformation and Smart Systems, Ankara, Turkey, 24 - 26 October 2018

Implications of Direct Digital Manufacturing on Sustainable Supply Chain Management

ALTEKİN F. T. , YAMAN U.

International Conference and Exhibition on Digital Transformation and Smart Systems, Ankara, Turkey, 24 - 26

October 2018

Comprehensive Analysis of the Shrinkage Compensation Approach Proposed for the FDM process
DİLBEROĞLU M. U. , SIMSEK Ş., YAMAN U.

International Conference on Flexible Automation and Intelligent Manufacturing, Columbus, United States Of America, 11 - 14 June 2018

Tuning the Center of Gravity of 3D Printed Artifacts

Keleş M., Yaman U.

28th International Conference on Flexible Automation and Intelligent Manufacturing, FAIM 2018, Ohio, United States Of America, 11 - 14 June 2018, vol.17, pp.371-378

Topology optimization of 2.5D parts using the SIMP method with a variable thickness approach

Kandemir V., Doğan O., Yaman U.

Flexible Automation and Intelligent Manufacturing, Ohio, United States Of America, 10 - 14 June 2018, vol.17, pp.29-36

Utilization of Curve Offsets in Additive Manufacturing

HASELTALAB V., YAMAN U., DÖLEN M.

21st International ESAFORM Conference on Material Forming (ESAFORM), Palermo, Italy, 23 - 25 April 2018, vol.1960

An Automated Design and Fabrication Pipeline for Improving the Strength of 3D Printed Artifacts under Tensile Loading

AL C. M. , YAMAN U.

21st International ESAFORM Conference on Material Forming (ESAFORM), Palermo, Italy, 23 - 25 April 2018, vol.1960

Soğuk Gaz İtki Kontrol Sisteminin Pnömatik Akış Kontrolünün Benzetimi

SİLİK Y., TANIKER S., YAMAN U.

VIII. Ulusal Hidrolik Pnömatik Kongresi, Turkey, 22 - 25 November 2017, pp.505-519

Formation of Patterned Indentations for Additive Manufacturing Applications

YAMAN U., DÖLEN M., Hoffmann C.

EUSIPCO 2017 - W4 Creative Design and Advanced Manufacturing: An emerging application area for Signals and Systems, Kos, Greece, 02 September 2017

Improving the strength of additively manufactured objects via modified interior structure

AL C. M. , YAMAN U.

20th International ESAFORM Conference on Material Forming, ESAFORM 2017, Dublin, Ireland, 26 - 28 April 2017, vol.1896

Dimensional accuracy improvement of fused filament fabrication holes utilizing modified interior

Simsek S., Yaman U.

19th International Conference on Electrical Machines and Systems, ICEMS 2016, Chiba, Japan, 13 - 16 November 2016

A Command Generation Approach for Desktop Fused Filament Fabrication 3D Printers

YAMAN U., DÖLEN M.

42nd Annual Conference of the IEEE-Industrial-Electronics-Society (IECON), Florence, Italy, 24 - 27 October 2016, pp.4582-4587

A New Hardware-in-the-Loop Simulator for Control Engineering Education

USENMEZ S., YAMAN U., DÖLEN M., KOKU A. B.

IEEE Global Engineering Education Conference, İstanbul, Turkey, 3 - 05 April 2014, pp.1-8

Hareket Denetimi Uygulamalarında Kullanılan Sayısal Filtrelerin FPGA ile Gerçekleştirilmesi

YAMAN U., MUTLU B. R. , DÖLEN M., KOKU A. B.

Türk Otomatik Kontrol Ulusal Toplantısı (TOK13), Malatya, Turkey, 26 - 28 September 2013, pp.388-393

Servo Motor Sürücü Sistemleri İçin Geliştirilen Hareket Komut Üreticinin FPGA ile Gerçekleştirilmesi

YAMAN U., DÖLEN M.

Otomatik Kontrol Ulusal Toplantısı, TOK2013, Malatya, Turkey, 26 - 28 September 2013, pp.420-425

A New Hardware-in-the-Loop Simulator for CNC Machine Applications

USENMEZ S., MUTLU B. R. , Yaman U., KILIÇ E., Dolen M., Koku A. B.

IEEE International Conference on Mechatronics (ICM), Vicenza, Italy, 27 February - 01 March 2013

Dağ Treni Hidrolik Fırlatma Sistemi Tasarımı

YAMAN U., KONUKSEVEN E. İ. , AKOVA H. U. , DEMİRER S.

VI. Ulusal Hidrolik Pnömatik Kongresi, İzmir, Turkey, 12 - 15 October 2011, pp.3-12

3 Serbestlik Derecesine Sahip Bir Hareket Taklitçisinin Mafsalsal Uzağı Eniyilemesi ve Çözüm Analizi

DİLAN R. A. , YAMAN U., ÇALIŞKAN H., DEMİRER S., BALKAN R. T.

VI. Ulusal Hidrolik Pnömatik Kongresi, İzmir, Turkey, 12 - 15 October 2011, pp.539-552

Evaluation of compression algorithms for motion command generation

YAMAN U., DÖLEN M.

2011 IEEE International Conference on Mechatronics, ICM 2011, İstanbul, Turkey, 13 - 15 April 2011, pp.45-50

A novel command generation method with variable feedrate utilizing FPGA for motor drives

Yarnan U., DÖLEN M., KOKU A. B.

2010 8th IEEE Workshop on Intelligent Solutions in Embedded Systems, WISES 2010, Heraklion, Greece, 8 - 09 July 2010, pp.67-72

Polymorphic robotic system controlled by an observing camera

KOCER B., YUKSEL T., YUMER M. E. , Ozen C. A. , YAMAN U.

2nd International Conference on Digital Image Processing, Singapore, Singapore, 26 - 28 February 2010, vol.7546

Direct Command Generation Methods for Servo-Motor Drives

YAMAN U., MUTLU B. R. , DÖLEN M., KOKU A. B.

12th International Conference on Electrical Machines and Systems, Tokyo, Japan, 15 - 18 November 2009, pp.1354-1359

Performance Evaluation of Different Real-Time Motion Controller Topologies Implemented on a FPGA

MUTLU B. R. , YAMAN U., DÖLEN M., KOKU A. B.

12th International Conference on Electrical Machines and Systems, Tokyo, Japan, 15 - 18 November 2009, pp.902-907

Endüstriyel Kontrol Uygulamaları için Komut Üretim Yöntemleri

YAMAN U., DÖLEN M., KOKU A. B.

Türk Otomatik Kontrol Ulusal Toplantısı (TOK09), Turkey, 13 - 16 October 2009

Kayan Kipli DC Motor Konum Denetiminin FPGA ile Gerçekleştirilmesi

MUTLU B. R. , YAMAN U., DÖLEN M., KOKU A. B.

Türk Otomatik Kontrol Ulusal Toplantısı (TOK09), İstanbul, Turkey, 13 - 16 October 2009

Endüstriyel Kontrol Uygulamaları İçin Komut Üretim Yöntemleri

YAMAN U., DÖLEN M., KOKU A. B.

Otomatik Kontrol Ulusal Toplantısı, TOK2009, İstanbul, Turkey, 13 - 16 October 2009

Sayısal Kontrol Mühendisliği Eğitiminde Yeni Araçlar ve Yaklaşımlar

MUTLU B. R. , YAMAN U., ÜŞENMEZ s., DİLAN R. A. , DÖLEN M., KOKU A. B.

Türk Otomatik Kontrol Ulusal Toplantısı (TOK08), İstanbul, Turkey, 13 - 15 November 2008

Çevrimiçi Donanım Benzetimi için Yeni bir Yazılım Paketi: Cadmus

ÜŞENMEZ s., DİLAN R. A. , YAMAN U., MUTLU B. R. , DÖLEN M., KOKU A. B.

Türk Otomatik Kontrol Ulusal Toplantısı (TOK08), İstanbul, Turkey, 13 - 15 November 2008

Çevrimiçi Donanım Benzetimi İçin Yeni bir Yazılım Paketi Cadmus

ÜŞENMEZ S., DİLAN R. A. , YAMAN U., MUTLU B. R. , DÖLEN M., KOKU A. B.

Otomatik Kontrol Ulusal Toplantısı, TOK2008, İstanbul, Turkey, 13 - 15 November 2008, vol.1, pp.685-691

Graduate Student Education in Discrete-time Control

YAMAN U., ÜŞENMEZ s., MUTLU B. R. , DÖLEN M., KOKU A. B.

Proc. of the 13th International Conference on Machine Design and Production (UMTIK 2008), İstanbul, Turkey, 3 - 05 September 2008

Supported Projects

Şahin E., Koku A. B. , Turgut A. E. , Saranlı U., Kalkan S., Keysan O., Cinbiş R. G. , Akbaş E., Ankaralı M. M. , Saranlı A., et al., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, ROBOTİK TEKNOLOJİLERİ ARAŞTIRMA, GELİŞTİRME ve EĞİTİM MERKEZİ (ROMER), 2019 - 2022

Yaman U., Dölen M., TUBITAK Project, Eklemeli ve Talaşlı İmalât Yöntemlerini Kullanan Melez ve Akıllı Bir Üretim Sisteminin Geliştirilmesi, 2017 - 2020

YAMAN U., Project Supported by Other Private Institutions, Hava Vanaları Test Düzeneği Araştırma ve Tasarımı, 2017 - 2018

YAMAN U., Project Supported by Other Private Institutions, Sac Malzeme İçin Görüntü İşleme İçeren Akıllı Üretim Hücresi Tasarımı Ar-Ge Projesi, 2017 - 2018

Yaman U., Dölen M., TUBITAK Project, 3B Yazıcılar İçin Yeni Bir Tasarım Ve Üretim Akışı: LIPRO, 2017 - 2018

YAMAN U., Project Supported by Higher Education Institutions, DÖRT PERVANELİ ROBOT HELİKPTERLERİN YÜKSEK HASSASİYET İLE DENETİMİ, 2017 - 2017

YAMAN U., Project Supported by Higher Education Institutions, 3B Yazıcılar ile Üretilmiş Nesnelere Boyutsal Doğruluklarının Geliştirilmesi, 2016 - 2016

Patent

Dölen M., Yaman U., Gharehpapagh B., Dilberoğlu M. U. , BİR TOZ YATAĞI ÜZERİNDE ERİYİK FİLAMANT İLE ÜRETİM YÖNTEMİ, Patent, CHAPTER B Implementation of Operations; Transport, Initial Registration, 2019

Memberships / Tasks in Scientific Organizations

IIEE, Member, 2020 - Continues, United States Of America

Makina Teorisi Derneği, Board Member, 2017 - Continues

IEEE, Member, 2011 - Continues, United States Of America

Scientific Refereeing

ULUDAĞ ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, September 2019

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Middle East Technical University, Turkey, August 2019

COMPUTERS AND ELECTRONICS IN AGRICULTURE, Journal Indexed in SCI-E, June 2019

Mühendislik Bilimleri ve Tasarım Dergisi, National Scientific Refreed Journal, May 2019

Project Supported by Higher Education Institutions, BAP Research Project, Middle East Technical University, Turkey, November 2018

Makina Tasarım ve İmalat Dergisi, Other Journals, July 2018

TUBITAK Project, July 2018

Project Supported by Higher Education Institutions, May 2018

TUBITAK Project, February 2018

Project Supported by Higher Education Institutions, January 2018

Makina Tasarım ve İmalat Dergisi, National Scientific Refreed Journal, December 2017

TUBITAK Project, December 2017

TUBITAK Project, December 2017

TUBITAK Project, December 2017

TUBITAK Project, December 2017

TUBITAK Project, December 2017

Gazi Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, SCI Journal, November 2017
Computer-Aided Design, SCI Journal, September 2017
Computer-Aided Design, SCI Journal, August 2017
Makina Tasarım ve İmalat Dergisi, National Scientific Refreed Journal, August 2017
Gazi Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, SCI Journal, June 2017
Computer-Aided Design, SCI Journal, June 2017
Computer-Aided Design, SCI Journal, May 2017
3D Research, Other Indexed Journal, April 2017
Makina Tasarım ve İmalat Dergisi, National Scientific Refreed Journal, April 2017
3D Research, Other Indexed Journal, March 2017
Computer-Aided Design, SCI Journal, January 2017
Project Supported by Higher Education Institutions, December 2016
Project Supported by Higher Education Institutions, November 2016

Tasks In Event Organizations

Yaman U., International Conference & Exhibition on Digital Transformation & Smart Systems (DTSS 2019), Scientific Congress, Ankara, Turkey, Ekim 2019
Yaman U., Additive Manufacturing Conference, Scientific Congress, İstanbul, Turkey, Ekim 2019
Yaman U., Digital Transformation & Smart Systems (DTSS 2018), Scientific Congress, Ankara, Turkey, Ekim 2018

Invited Congress and Symposium Activities

International Conference on Advances in Mechanical and Mechatronics Engineering, Attendee, Ankara, Turkey, 2018
International Conference & Exhibition on Digital Transformation & Smart Systems, Attendee, Ankara, Turkey, 2018
European Solid Mechanics Conference, Attendee, Bologna, Italy, 2018
International Conference on Flexible Automation and Intelligent Manufacturing, Attendee, Ohio, United States Of America, 2018
International Conference on Flexible Automation and Intelligent Manufacturing, Session Moderator, Ohio, United States Of America, 2018
International ESAFORM Conference on Material Forming, Attendee, Palermo, Italy, 2018
Hidrolik Pnömatik Kongresi, Attendee, İzmir, Turkey, 2017
European Signal Processing Conference, Attendee, Greece, 2017
International Conference on Flexible Automation and Intelligent Manufacturing, Attendee, Modena, Italy, 2017
International ESAFORM Conference on Material Forming, Attendee, Dublin, Ireland, 2017
International Conference on Electrical Machines and Systems, Attendee, Chiba, Japan, 2016
IEEE Industrial Electronics Conference, Attendee, Florence, Italy, 2016
IEEE Global Engineering Education Conference, Attendee, İstanbul, Turkey, 2014
Otomatik Kontrol Ulusal Toplantısı, Attendee, Malatya, Turkey, 2013
IEEE International Conference on Mechatronics, Attendee, Vicenza, Italy, 2013
Hidrolik Pnömatik Kongresi, Attendee, İzmir, Turkey, 2011
IEEE International Conference on Mechatronics, Attendee, İstanbul, Turkey, 2011
IEEE Workshop on Intelligent Solutions in Embedded Systems, Attendee, Heraklion, Greece, 2010
International Conference of Digital Image Processing, Attendee, Singapore, Singapore, 2010
International Conference on Electrical Machines and Systems, Session Moderator, Tokyo, Japan, 2009
International Conference on Electrical Machines and Systems, Attendee, Tokyo, Japan, 2009
Otomatik Kontrol Ulusal Toplantısı, Attendee, İstanbul, Turkey, 2009
Otomatik Kontrol Ulusal Toplantısı, Attendee, Turkey, 2008
International Conference on Machine Design and Production, Attendee, İstanbul, Turkey, 2008

Citations

Total Citations (WOS):134

h-index (WOS):5

Awards

Yaman U, 3D Printing: Design, Analysis and Fabrication, Tübitak, August 2018