

Assoc. Prof. ŞEFİKA KASMAN

Personal Information

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ScopusID: 25929978000

Yoksis Researcher ID: 184889

Education Information

Doctorate, Ege University, Fen Bilimleri Enstitüsü, Konstrüksiyon Ve İmalat (Dr), Turkey 2005 - 2010

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (YI) (Tezli), Turkey 1997 - 2001

Undergraduate, Celâl Bayar Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 1993 - 1997

Dissertations

Doctorate, Lazerle oyma işlem parametrelerinin yüzey özelliklerine etkilerinin incelenmesi ve optimizasyonu, Ege University, Fen Bilimleri Enstitüsü, Konstrüksiyon Ve İmalat (Dr), 2010

Postgraduate, Structure property relationships in AlSiCp reinforced composites, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (YI) (Tezli), 2000

Research Areas

Construction and Manufacturing, Non-traditional manufacturing methods, Welding Methods, Material Characterization, Metallic Materials

Academic Titles / Tasks

Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2017 - Continues

Associate Professor, Dokuz Eylul University, İzmir Meslek Yüksekokulu, Makine ve Metal Teknolojileri Bölümü, 2014 - 2017

Lecturer PhD, Dokuz Eylul University, İzmir Meslek Yüksekokulu, Makine ve Metal Teknolojileri Bölümü, 2010 - 2014

Lecturer, Dokuz Eylul University, İzmir Meslek Yüksekokulu, Makine ve Metal Teknolojileri Bölümü, 2005 - 2010

Courses

METAL FORMING , Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

MANUFACTURING PROCESSES I , Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2017 - 2018

MANUFACTURING PROCESSES I , Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2017 - 2018

EXPERIMENTAL DESIGN IN ENGINEERING, Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018

EXPERIMENTAL DESIGN IN ENGINEERING , Undergraduate, 2022 - 2023, 2021 - 2022, 2018 - 2019, 2017 - 2018

MANUFACTURING PROCESSES II , Undergraduate, 2021 - 2022, 2019 - 2020, 2017 - 2018

METAL FORMING , Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018

MANUFACTURING PROCESSES, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

MANUFACTURING PROCESSES II , Undergraduate, 2021 - 2022

MACHINE ELEMENTS 2, Associate Degree, 2016 - 2017, 2015 - 2016

ADVANCED MANUFACTURING METHODS, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

COMPUTER AIDED MECHANICAL DRAWING 2, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

STRENGTH OF MACHINE SCEIENCE, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

ADVANCED MANUFACTURING METHODS, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

COMPUTER AIDED MECHANICAL DRAWING 2, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

MACHINE ELEMENTS 2, Associate Degree, 2016 - 2017, 2015 - 2016

STRENGTH OF MACHINE SCEIENCE, Associate Degree, 2016 - 2017, 2013 - 2014, 2012 - 2013

MACHINE ELEMENTS I, Associate Degree, 2016 - 2017, 2015 - 2016

MATERIALS TECHNOLOGY 2, Associate Degree, 2015 - 2016

MACHINE ELEMENTS, Associate Degree, 2016 - 2017, 2015 - 2016, 2012 - 2013

MACHINE ELEMENTS, Associate Degree, 2016 - 2017, 2015 - 2016, 2012 - 2013

COMPUTER AIDED MECHANICAL DRAWING 1, Associate Degree, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2012 - 2013

MATERIAL, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

MATERIALS TECHNOLOGY 2, Associate Degree, 2015 - 2016

MACHINE ELEMENTS I, Associate Degree, 2016 - 2017, 2015 - 2016

COMPUTER AIDED MECHANICAL DRAWING 1, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

MANUFACTURING METHODS, Associate Degree, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013

MATERIALS TECHNOLOGY 1, Associate Degree, 2015 - 2016

MATERIALS TECHNOLOGY 1, Associate Degree, 2015 - 2016

COMPUTER AIDED DRAFTING, Associate Degree, 2014 - 2015

MATERIAL, Associate Degree, 2014 - 2015, 2013 - 2014

COMPUTER-AIDED DESIGN, Associate Degree, 2014 - 2015

MANUFACTURING METHODS, Associate Degree, 2014 - 2015

COMPUTER-AIDED DESIGN, Associate Degree, 2014 - 2015

STRENGTH OF MATERIALS, Associate Degree, 2012 - 2013

FUNDAMENTALS OF PHYSICS, Associate Degree, 2013 - 2014, 2012 - 2013

FUNDAMENTALS OF PHYSICS, Associate Degree, 2013 - 2014

MAKİNE ARAŞTIRMA YÖNTEMLERİ, Associate Degree, 2013 - 2014, 2012 - 2013

BİLGİSAYAR DESTEKLİ ÇİZİM 2, Associate Degree, 2011 - 2012

MALZEME TEKNOLOJİSİ, Associate Degree, 2011 - 2012, 2010 - 2011

MUKAVEMET, Associate Degree, 2011 - 2012, 2010 - 2011

MALZEME TEKNOLOJİSİ, Associate Degree, 2011 - 2012

MAKİNE ARAŞTIRMA YÖNTEMLERİ, Associate Degree, 2012 - 2013

BİLGİSAYAR DESTEKLİ ÇİZİM 2, Associate Degree, 2011 - 2012

ALIŞILMAMIŞ ÜRETİM YÖNTEMLERİ, Associate Degree, 2011 - 2012

ALIŞILMAMIŞ ÜRETİM YÖNTEMLERİ, Associate Degree, 2011 - 2012

FUNDAMENTALS OF PHYSICS, Associate Degree, 2011 - 2012, 2010 - 2011

BİLGİSAYAR DESTEKLİ ÇİZİM I, Associate Degree, 2011 - 2012

BİLGİSAYAR DESTEKLİ ÜRETİM (PAKET PROGRAM), Associate Degree, 2010 - 2011, 2009 - 2010
FUNDAMENTALS OF PHYSICS, Associate Degree, 2011 - 2012, 2010 - 2011
BİLGİSAYAR DESTEKLİ TASARIM 2, Associate Degree, 2010 - 2011, 2009 - 2010
MUKAVEMET, Associate Degree, 2010 - 2011
CİSİMLERİN DAYANIMI, Associate Degree, 2010 - 2011
CİSİMLERİN DAYANIMI, Associate Degree, 2010 - 2011
BİLGİ VE İLETİŞİM TEKNOLOJİSİ, Associate Degree, 2011 - 2012
İLERİ İMALAT YÖNTEMLERİ, Associate Degree, 2010 - 2011, 2009 - 2010
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MALZEME BİLGİSİ 2, Associate Degree, 2010 - 2011
Associate Degree, 2010 - 2011
MEKANİK, Associate Degree, 2009 - 2010
MEKANİK, Associate Degree, 2009 - 2010
BİLGİSAYAR DESTEKLİ TASARIM II, Associate Degree, 2008 - 2009
MALZEME BİLGİSİ 1, Associate Degree, 2008 - 2009
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BİLGİSAYAR DESTEKLİ ÜRETİM (PAKET PROGRAM), Associate Degree, 2008 - 2009
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BİLGİSAYAR DESTEKLİ TASARIM (PAKET PROGRAM), Associate Degree, 2008 - 2009

Advising Theses

Kasman Ş., Effects of laser surface engraving on wear behaviour of Ti-6Al-4V alloy, Postgraduate, G.Elif(Student),
Continues

Kasman Ş., The effect of reinforcement metal on the mechanical properties of welded plates: A study for AA 2024/ AA
6013, Postgraduate, O.Can(Student), Continues

Kasman Ş., Ozan S., Fiber Laser Processing of Surface of Metallic Biomaterials: Comparison of Stainless Steel and Cr-Co
Materials, Postgraduate, İ.Can(Student), 2023

KASMAN Ş., KAHRAMAN F., Improvement of fatigue life of friction stir welded (FSW) aluminum alloys, Postgraduate,
A.AYDIN(Student), 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Surface Characteristics Influenced by Laser Texturing Parameters on Biomedical-Grade AISI 316LVM
Stainless Steel**
Kasman Ş., Can Ucar I., Ozan S.
SURFACE REVIEW AND LETTERS, vol.31, no.6, 2024 (SCI-Expanded)
- II. **Laser textured Ti-6Al-7Nb alloy for biomedical applications: An investigation of texturing
parameters on surface properties**
Ozan S., Bilgin A., Kasman Ş.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS, PART H: JOURNAL OF ENGINEERING IN
MEDICINE, vol.237, no.10, pp.1139-1153, 2023 (SCI-Expanded)
- III. **The Effects of Laser Surface Texturing Parameters on the Surface Characteristics of Biomedical-**

Grade Stainless Steel

Kasman Ş., Uçar İ. C., Ozan S.

JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.32, pp.1-14, 2023 (SCI-Expanded)

- IV. **Machinability of AA 2024 aluminum alloy by fiber laser engraving process**
Kasman Ş., Ozan S.
MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, vol.54, no.5, pp.646-655, 2023 (SCI-Expanded)
- V. **Investigation into the effects of laser texturing parameters on surface properties of Ti-6Al-4V ELI biomedical alloy**
Kasman Ş., Uçar İ. C., Ozan S.
Journal of the Brazilian Society of Mechanical Sciences and Engineering, vol.45, no.4, 2023 (SCI-Expanded)
- VI. **Investigation of laser surface texturing parameters of biomedical grade Co-Cr-Mo alloy**
Kasman Ş., Uçar İ. C., Ozan S.
International Journal of Advanced Manufacturing Technology, vol.125, no.9-10, pp.4271-4291, 2023 (SCI-Expanded)
- VII. **Laser Surface Texturing of Co-Cr-Mo Alloy for Biomedical Applications: A Case Study for the Effects of Process Parameters on Surface Properties**
Kasman Ş., Uçar İ. C., Ozan S.
JOURNAL OF BIONIC ENGINEERING, vol.20, pp.1-18, 2023 (SCI-Expanded)
- VIII. **Experimental Investigation of Friction Stir Weldability of AA 7075 Alloy**
OZAN S., Şahin S., KASMAN Ş.
JOURNAL OF THE CHINESE SOCIETY OF MECHANICAL ENGINEERS, TRANSACTIONS OF THE CHINESE INSTITUTE OF ENGINEERS, SERIES C/CHUNG-KUO CHI HSUEH KUNG CH'ENG HSUEBO PAO, vol.43, no.6, pp.559-567, 2022 (SCI-Expanded)
- IX. **Effects of parameters on friction stir welding process of AA 7075 aluminum alloy: mechanical and microstructural assessments**
Einfluss der Ruhr-Reibschweißparameter auf die mechanischen und mikrostrukturellen Eigenschaften der Aluminiumlegierung AA7075
Ozan S., Sahin S., Kasman Ş.
MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, vol.53, no.9, pp.1128-1143, 2022 (SCI-Expanded)
- X. **Investigations on microstructural and mechanical properties of friction stir welded AA 2024-T351**
Kasman Ş., Ozan S.
MATERIALS TESTING, vol.62, no.8, pp.793-802, 2020 (SCI-Expanded)
- XI. **Determination of Process Parameters for Friction Stir Welded Dissimilar Aluminum Alloys: AA 5083 and AA 2024**
KASMAN Ş., OZAN S.
PRAKTISCHE METALLOGRAPHIE-PRACTICAL METALLOGRAPHY, vol.57, no.7, pp.448-474, 2020 (SCI-Expanded)
- XII. **The Effects of Pin Offset for FSW of Dissimilar Materials: A Study for AA 7075-AA 6013**
Kasman Ş.
MATERIA-RIO DE JANEIRO, vol.25, no.2, 2020 (SCI-Expanded)
- XIII. **Effect of pin offset on the mechanical properties of friction stir welded AA 6013 aluminum alloy plates**
Kasman Ş., Ozan S.
MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, vol.50, no.12, pp.1511-1524, 2019 (SCI-Expanded)
- XIV. **Identification of the pin offset effect on the friction stir welding (FSW) via Taguchi - Grey relational analysis: A Case study for AA 7075-AA 6013 alloys**
Identifizierung des Pin-Offset-Effektes auf das Ruhrreibschweißen mittels Taguchi - Grau relationale Analyse: Eine Fallstudie für die Aluminiumlegierungen AA 7075-AA 6013
Kasman Ş.
MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, vol.50, no.11, pp.1364-1381, 2019 (SCI-Expanded)
- XV. **Effects of overlapping formed via pin-offsetting on friction stir weldability of AA7075-T651 aluminum alloy**
Kasman Ş., Ozan S.

- JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, vol.33, no.2, pp.819-828, 2019 (SCI-Expanded)
- XVI. **Analysis of dissimilar friction stir welding process for tensile properties of EN AW 2024 and EN AW 5083**
KASMAN Ş.
MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, vol.49, no.6, pp.714-725, 2018 (SCI-Expanded)
- XVII. **A Case Study for the Welding of Dissimilar EN AW 6082 and EN AW 5083 Aluminum Alloys by Friction Stir Welding**
Kasman Ş., Kahraman F., Emiralioğlu A., Kahraman H.
METALS, vol.7, no.1, 2017 (SCI-Expanded)
- XVIII. **Effects of FSW parameters and pin geometry on the weldability of EN AW 2024 alloy**
KASMAN Ş.
MATERIALS TESTING, vol.58, pp.694-701, 2016 (SCI-Expanded)
- XIX. **Investigations for the effect of parameters on the weld performance of AA 5083-H111 joined by friction stir welding**
Kasman Ş., Kahraman F.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE, vol.228, no.8, pp.937-946, 2014 (SCI-Expanded)
- XX. **Analyzing dissimilar friction stir welding of AA5754/AA7075**
Kasman Ş., Yenier Z.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.70, pp.145-156, 2014 (SCI-Expanded)
- XXI. **Effect of welding parameters on microstructure and mechanical properties of friction stir welded EN AW 5083 H111 plates**
Birol Y., KASMAN Ş.
MATERIALS SCIENCE AND TECHNOLOGY, vol.29, no.11, pp.1354-1362, 2013 (SCI-Expanded)
- XXII. **Friction stir welding of twin-roll cast EN AW 3003 plates**
Birol Y., KASMAN Ş.
METALS AND MATERIALS INTERNATIONAL, vol.19, no.6, pp.1259-1266, 2013 (SCI-Expanded)
- XXIII. **Effect of Welding Parameters on the Microstructure and Strength of Friction Stir Weld Joints in Twin Roll Cast EN AW Al-Mn1Cu Plates**
Birol Y., KASMAN Ş.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.22, no.10, pp.3024-3033, 2013 (SCI-Expanded)
- XXIV. **Impact of parameters on the process response: A Taguchi orthogonal analysis for laser engraving**
KASMAN Ş.
MEASUREMENT, vol.46, no.8, pp.2577-2584, 2013 (SCI-Expanded)
- XXV. **Multi-response optimization using the Taguchi-based grey relational analysis: a case study for dissimilar friction stir butt welding of AA6082-T6/AA5754-H111**
Kasman Ş.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.68, pp.795-804, 2013 (SCI-Expanded)
- XXVI. **Optimisation of dissimilar friction stir welding parameters with grey relational analysis**
Kasman Ş.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE, vol.227, no.9, pp.1317-1324, 2013 (SCI-Expanded)
- XXVII. **Experimental Investigation and Mathematical Modeling of Laser Deep Engraving Process for Microapplication**
KASMAN Ş., SAKLAKOĞLU İ. E.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.38, no.6, pp.1539-1549, 2013 (SCI-Expanded)
- XXVIII. **An Experimental Study for Machinability of Al/SiCp Metal Matrix Composites by Laser**
KASMAN Ş., Ozan S., Guleryuz L. F., İPEK R.
ACTA PHYSICA POLONICA A, vol.123, no.2, pp.221-223, 2013 (SCI-Expanded)

- XXIX. **The Influence of Process Parameters of EDM on the Surface Roughness of Aluminum Matrix Composites Reinforced with SiC Particulates**
Guleryuz L. F., Ozan S., KASMAN Ş., İPEK R.
ACTA PHYSICA POLONICA A, vol.123, no.2, pp.421-423, 2013 (SCI-Expanded)
- XXX. **Characterization of Machined Surface by EDM for Al/B4Cp Composite Material**
KASMAN Ş., Guleryuz L. F., Ozan S., İPEK R.
ACTA PHYSICA POLONICA A, vol.123, no.2, pp.224-226, 2013 (SCI-Expanded)
- XXXI. **The Effect of Helical Pin Profiles on the Friction Stir Welding Performance of Aluminium Alloy AA6082**
KASMAN Ş.
MATERIALS TESTING, vol.55, no.6, pp.427-434, 2013 (SCI-Expanded)
- XXXII. **The effect of process parameters on the surface form of laser engraved H13 tool steel**
KASMAN Ş., SAKLAKOĞLU İ. E.
KOVOVE MATERIALY-METALLIC MATERIALS, vol.51, no.5, pp.317-325, 2013 (SCI-Expanded)
- XXXIII. **Determination of process parameters in the laser micromilling application using Taguchi method: A case study for AISI H13 tool steel**
KASMAN Ş., SAKLAKOĞLU İ. E.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.58, pp.201-209, 2012 (SCI-Expanded)
- XXXIV. **Investigation of micro-milling process parameters for surface roughness and milling depth**
Saklakoğlu İ. E., Kasman Ş.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.54, pp.567-578, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Machining of Ti-6Al-4V alloy by fiber laser: Determining the effects of parameters on surface roughness**
Kasman Ş., Büyüker B., Ozan S.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.41, no.4, pp.770-780, 2023 (ESCI)
- II. **Characterization of friction stir welded AA 3003-H24 aluminum alloy plates**
Kasman Ş., Ozan S.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.40, no.3, pp.620-629, 2022 (ESCI)
- III. **AN EXPERIMENTAL APPROACH FOR FRICTION STIR WELDING: A CASE STUDY FOR AA 2024 - T351**
Kasman Ş., Ozan S.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.38, no.4, pp.1999-2011, 2020 (ESCI)
- IV. **AA7075/AA6013 ALAŞIM ÇİFTİNİN SÜRTÜNME KARIŞTIRMA KAYNAĞI İLE BİRLEŞTİRİLMESİNDE PİM ÇAKIŞMASININ MEKANİK ÖZELLİKLER ÜZERİNE ETKİLERİNİN İNCELENMESİ**
Kasman Ş., Ozan S.
ENGINEERING SCIENCES, vol.8, no.1, pp.436-446, 2019 (Peer-Reviewed Journal)
- V. **SÜRTÜNME KARIŞTIRMA KAYNAĞI İLE BİRLEŞTİRİLMİŞ BAĞLANTILARDA PİM ÇAKIŞMASININ MEKANİK ÖZELLİKLER ÜZERİNE ETKİSİ**
Kasman Ş., Ozan S.
ENGINEERING SCIENCES, vol.7, no.2, pp.917-928, 2018 (Peer-Reviewed Journal)
- VI. **The Effect of Pin Shape and the Ratio of Tool Rotational Speed to Welding Speed on the Mechanical Properties**
Kasman Ş., Kahraman F., Kahraman H., Emirlioğlu A.
El-Cezeri Journal of Science and Engineering, vol.4, no.1, pp.101-107, 2017 (Scopus)
- VII. **Östenitik Paslanmaz Çelikler İle Takım Çeliklerinin Birbirleri İle Kaynağında Oluşan Kaynak**

Bölgesinin İncelenmesi

KAHRAMAN F., KASMAN Ş., DEMİRER KAHRAMAN A., TUNUSLU O.

El-Cezerî Fen ve Mühendislik Dergisi, vol.4, no.1, pp.64-71, 2017 (Scopus)

VIII. Formation of Globular Microstructure in A380 Aluminum Alloy by Cooling Slope Casting

Saklakoğlu N., İrizalp S., Kasman Ş., Saklakoğlu İ. E.

ADVANCED MATERIALS RESEARCH, vol.264, no.265, pp.272-277, 2011 (Peer-Reviewed Journal)

IX. The Effects of Cooling Slope Casting and Isothermal Treatment on Wear Behavior of A380 Alloy

Saklakoğlu N., İrizalp S., Kasman Ş.

ADVANCED MATERIALS RESEARCH, vol.264, no.265, pp.42-47, 2011 (Peer-Reviewed Journal)

X. Lazerle derin oyma tekniğinde EN 7075 alüminyum almasını için işlem parametrelerinin etkilerinin Taguchi methodu kullanılarak incelenmesi

KASMAN Ş.

Makine Teknolojileri Elektronik Dergisi (elektronik), vol.8, no.2, pp.41-54, 2011 (Peer-Reviewed Journal)

XI. AISI 304 paslanmaz çelik ve EN 5754 alüminyum alaşımı malzemelerin fiber lazer ile işlenmesinde yüzey pürüzlülüğünün tespiti için istatistiksel bir çalışma

KASMAN Ş.

Makine Teknolojileri Elektronik Dergisi (elektronik), vol.8, no.1, pp.27-36, 2011 (Peer-Reviewed Journal)

Books & Book Chapters

I. An Experimental Study for Dissimilar Friction Stir Welded of AA 7075-T651 and AA 6013-T6

KASMAN Ş.

in: Friction-Stir Welding: Principles and Applications, McWilliams Max, Editor, Nova Science Publishers, New York, pp.85-106, 2020

Refereed Congress / Symposium Publications in Proceedings

I. AN EXPERIMENTAL STUDY ON THE CHARPY IMPACT ENERGY AND BENDING STRENGTH OF FRICTION STIR WELDED AA 7075 ALUMINUM ALLOY

Şahin S., OZAN S., KASMAN Ş.

2. INTERNATIONAL CONGRESS ON CONTEMPORARY SCIENTIFIC RESEARCH, Gaziantep, Turkey, 02 November 2022, pp.70-75

II. THE CHARPY IMPACT ENERGY OF JOINTS PRODUCED BY FRICTION STIR WELDING PROCESS: A STUDY ON AA 7075 ALUMINUM ALLOY

Şahin S., OZAN S., KASMAN Ş.

2. INTERNATIONAL CONGRESS ON CONTEMPORARY SCIENTIFIC RESEARCH, Gaziantep, Turkey, 02 November 2022, pp.76-81

III. EVALUATION OF THE EFFECTS OF PARAMETERS IN LASER MACHINING OF AISI 316LVM ALLOY

UÇAR İ. C., KASMAN Ş., OZAN S.

CUKUROVA 9th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE, Adana, Turkey, 09 October 2022, vol.2, pp.1648-1655

IV. FIBER LASER MACHINING OF CoCr28Mo ALLOY: ASSESSING THE EFFECTS OF PARAMETERS ON SURFACE ROUGHNESS

UÇAR İ. C., KASMAN Ş., OZAN S.

CUKUROVA 9th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE, Adana, Turkey, 09 October 2022, vol.2, pp.1639-1647

V. THE LASER MILLING PROCESS FOR AA 5083 ALUMINUM ALLOY: AN INVESTIGATION OF SURFACE ROUGHNESS AND MACHINING DEPTH

KASMAN Ş., OZAN S.

8th INTERNATIONAL ZEUGMA CONFERENCE ON SCIENTIFIC RESEARCH, Gaziantep, Turkey, 15 July 2022, pp.160-165

VI. LASER MICRO-MILLING APPLICATIONS FOR AA 5083 ALUMINUM ALLOY: AN INVESTIGATION OF TEXTURING STRATEGY ON MILLING CHARACTERISTICS

KASMAN Ş., OZAN S.

8th INTERNATIONAL ZEUGMA CONFERENCE ON SCIENTIFIC RESEARCH, Gaziantep, Turkey, 15 July 2022, pp.166-171

VII. THREE-POINT BENDING PERFORMANCE OF FRICTION STIR WELDED AA 7075 ALUMINUM ALLOY

ŞAHİN S., OZAN S., KASMAN Ş.

9. INTERNATIONAL GAP SUMMIT SCIENTIFIC RESEARCH CONGRESS, Adıyaman, Turkey, 01 July 2022, pp.313-317

VIII. MECHANICAL ASPECTS OF FRICTION STIR WELDED AA 7075 ALUMINUM ALLOY

ŞAHİN S., OZAN S., KASMAN Ş.

9. INTERNATIONAL GAP SUMMIT SCIENTIFIC RESEARCH CONGRESS, Adıyaman, Turkey, 01 July 2022, pp.307-312

IX. FRICTION STIR WELDING OF AA 7075 ALUMINUM ALLOY: EFFECT OF REINFORCEMENT METALS ON THE WELD PERFORMANCE

KASMAN Ş., OZAN S.

ISTANBUL INTERNATIONAL MODERN SCIENTIFIC RESEARCH CONGRESS -II, İstanbul, Turkey, 23 December 2021, vol.1, pp.12-20

X. EFFECT OF REINFORCEMENT METAL ON THE WELD STRENGTH OF FRICTION STIR WELDED AA 6013 ALUMINUM ALLOY

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