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Education

Doctorate, Ege University, Fen Bilimleri Enstitüsü, Konstrüksiyon Ve İmalat (Dr), Turkey 2005 - 2010
Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (Yl) (Tezli), Turkey 1997 - 2001
Undergraduate, Celâl Bayar Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 1993 - 1997

Research Areas

Non-traditional manufacturing methods, Welding Methods

Academic Positions

Professor, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2024 - Continues
Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2017 - 2024
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

Supervised Theses

Kasman Ş., Ozan S., Laser surface modification of Ti-6Al-7Nb alloy: Investigation of the effects of process parameters , Postgraduate, A.BİLGİN(Student), 2024
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 fatique life of friction stir welded (FSW) aluminum alloys, Postgraduate, A.AYDIN(Student), 2017

Journal articles indexed in SCI, SSCI, and AHCI

I. **Laser surface texturing for enhanced implant biocompatibility and osseointegration: A critical review of its effects on surface properties**
OZAN S., KASMAN Ş., Uçar I. C., Wen C.
Clinical Biomechanics, vol.126, 2025 (SCI-Expanded)

II. **Influence of pulse duration and frequency of laser surface texturing on the surface roughness and microstructure of CoCr28Mo alloy for biomedical applications**
Kasman Ş., Ozan S., Wen C.
MATERIALPRUEFUNG/MATERIALS TESTING, vol.67, no.1, pp.36-48, 2025 (SCI-Expanded)

III. **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)

IV. **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.33, no.12, pp.5793-5806, 2024 (SCI-Expanded)

V. **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)

VI. **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)

VII. **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)

VIII. **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)

IX. **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)

X. **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)

XI. **Effects of parameters on friction stir welding process of AA 7075 aluminum alloy: mechanical and microstructural assessmentsEinfluss 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)

XII. **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)

XIII. **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)

XIV. **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)

XV. **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)

XVI. **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 alloysIdentifizierung des Pin-Offset-Effektes auf das Ruhrreibschwei ss en mittels Taguchi - Grau relationale Analyse: Eine Fallstudie fur die Aluminiumlegierungen AA 7075-AA 6013**
Kasman Ş.
MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, vol.50, no.11, pp.1364-1381, 2019 (SCI-Expanded)

XVII. **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)

XVIII. **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)

XIX. **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., Emiralioglu A., Kahraman H.
METALS, vol.7, no.1, 2017 (SCI-Expanded)

XX. **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)

XXI. **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)

XXII. **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)

XXIII. **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)

XXIV. **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)

XXV. **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)

XXVI. **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)

XXVII. **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)

XXVIII. **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)

XXIX. **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)

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. **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)

XXXII. **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)

XXXIII. **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)

XXXIV. **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)

XXXV. **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)

XXXVI. **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 aluminumalloy 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., Emiralioğlu A.
El-Cezeri Journal of Science and Engineering, vol.4, no.1, pp.101-107, 2017 (Peer-Reviewed Journal)

VII. **Östenitik Paslanmaz Çelikler İle Takım Çeliklerinin Birbirleri İle Kaynağında Oluşan Kaynak Bölgesinin İncelenmesi**
Kahraman F., Kasman Ş., Demirer Kahraman A., Tunuslu O.
El-Cezeri Journal of Science and Engineering, vol.4, no.1, pp.64-71, 2017 (Peer-Reviewed Journal)

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 alasımı 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

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

Papers Presented at Peer-Reviewed Scientific Conferences

I. **EFFECT OF LASER BEAM MACHINING PARAMETERS ON SURFACE ROUGHNESS: THE ROLE OF PULSE WIDTH AND FREQUENCY**
OZAN S., KASMAN Ş.
1. INTERNATIONAL ANKARA SCIENTIFIC RESEARCH CONGRESS, Ankara, Turkey, 21 - 22 December 2024, pp.501-

508, (Full Text)

II. **AN INVESTIGATION OF THE EFFECT OF COLD ROLLING ON THE MECHANICAL PROPERTIES OF AA 5083 ALUMINUM ALLOY JOINED BY FRICTION STIR WELDING**
OZAN S., KASMAN Ş.
1. INTERNATIONAL ANKARA SCIENTIFIC RESEARCH CONGRESS, Ankara, Turkey, 21 - 22 December 2024, pp.492-500, (Full Text)

III. **COLD ROLLING PRACTICES FOR FRICTION STIR WELDED AA 5083 -H111 ALLOY**
OZAN S., KASMAN Ş.
5th INTERNATIONAL SELCUK SCIENTIFIC RESEARCH CONGRESS, Konya, Turkey, 14 - 15 December 2024, pp.939-945, (Full Text)

IV. **COLD ROLLING OF WELD SEAM FABRICATED BY FRICTION STIR WELDING: A STUDY FOR DISSIMILAR ALUMINUM ALLOYS**
OZAN S., KASMAN Ş.
5th INTERNATIONAL SELCUK SCIENTIFIC RESEARCH CONGRESS, Konya, Turkey, 14 - 15 December 2024, pp.946-952, (Full Text)

V. **Kaynak Dikişinin Çakışma Durumunun Mekanik Özelliklere Etkilerinin Değerlendirmesi**
ARSLAN O. C., KASMAN Ş.
EGE 11TH INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, İzmir, Turkey, 01 June 2024, pp.164, (Summary Text)

VI. **AA 5754 -H111 Plakaların Sürtünme Karıştırma Kaynağı ile Birleştirilmesi: Çakışan Kaynak Dikişinin Kaynak Mukavemetine Etkisi**
ARSLAN O. C., KASMAN Ş.
EGE 11TH INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, İzmir, Turkey, 01 June 2024, pp.163, (Summary Text)

VII. **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, (Full Text)

VIII. **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, (Full Text)

IX. **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, (Full Text)

X. **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, (Full Text)

XI. **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, (Full Text)

XII. **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, (Full Text)

XIII. **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, (Full Text)

XIV. **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, (Full Text)

XV. **EFFECT OF REINFORCEMENT METAL ON THE WELD STRENGTH OF FRICTION STIR WELDED AA 6013 ALUMINUM ALLOY**
KASMAN Ş., OZAN S.
ISTANBUL INTERNATIONAL MODERN SCIENTIFIC RESEARCH CONGRESS -II, İstanbul, Turkey, 28 December 2021, vol.1, pp.1192-1199, (Full Text)

XVI. **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, (Full Text)

XVII. **FREKANS VE ATIM GENİŞLİĞİNİN FİBER LAZER İLE İŞLENMİŞ YÜZEYİNÖZELLİKLERİNE ETKİLERİNİN ARAŞTIRILMASI**
Kasman Ş., Ozan S.
12th INTERNATIONAL CONFERENCE ON ENGINEERING & NATURAL SCIENCES (ISPEC), Bingöl, Turkey, 24 - 25 December 2021, pp.16-22, (Full Text)

XVIII. **LAZER IŞIN İLE YÜZEY İŞLEMENİN PARAMETRİK OPTİMİZASYONU: AISI316 İÇİN BİR ÇALIŞMA**
Kasman Ş., Ozan S.
12th INTERNATIONAL CONFERENCE ON ENGINEERING & NATURAL SCIENCES (ISPEC), Bingöl, Turkey, 24 - 25 December 2021, pp.7-15, (Full Text)

XIX. **AISI H13 TAKIM ÇELİĞİNİN LAZER İLE İŞLENMESİ: YÜZEY KALİTESİNE İŞLEM PARAMETRELERİNİN ETKİSİNİN İNCELENMESİ**
KASMAN Ş., OZAN S.
29th OF OCTOBER SYMPOSIUM ON SCIENTIFIC RESEARCHES - III, Ankara, Turkey, 29 October 2021, pp.180-185, (Full Text)

XX. **AISI 316 PASLANMAZ ÇELİĞİNİN LAZER İLE İŞLENMESİ**
KASMAN Ş., OZAN S.
29th OF OCTOBER SYMPOSIUM ON SCIENTIFIC RESEARCHES - III, Ankara, Turkey, 29 October 2021, pp.174-179, (Full Text)

XXI. **AA 2024-T351 ALÜMİNYUM ALAŞIMININ SÜRTÜNME KARIŞTIRMA KAYNAĞI İLE BİRLEŞTİRİLMESİNDE PİM KAYDIRMASININ MEKANİK ÖZELLİKLER ÜZERİNE ETKİLERİNİN İNCELENMESİ**
KASMAN Ş., OZAN S.
3. ULUSLARARASI ERCİYES BİLİMSEL ARAŞTIRMALAR KONGRESİ, 09 May 2020, (Summary Text)

XXII. **Effect of Pin Geometry and Welding Speed to Tool Rotation Speed Ratio on the Welding Performance of AA 7075 Aluminum Alloy**
KASMAN Ş., KAHRAMAN F.
International Conference on Advances and Innovations in Engineering (ICAIE), 10 - 12 May 2017, (Full Text)

XXIII. **The Effects of The Ratio of Tool Rotational Speed to the Welding Speed on the Welding Performance for Dissimilar Aluminum Alloys**
KASMAN Ş.
International Conference on Advances and Innovations in Engineering, Elazığ, Turkey, 10 - 12 May 2017, (Full

Text)

XXIV. **An experimental Study on Friction Stir Butt WeldedAA7075-T651 Alloys and Their MechanicalProperties**
KAHRAMAN F., KASMAN Ş., AYDIN A., EMİRALİOĞLU A., YOUSUF W.
International Conference on Advances and Innovations in Engineering (ICAIE), Elazığ, Turkey, 10 - 12 May 2017, (Full Text)

XXV. **AA6082 AA7075 ALAŞIMLARININ SÜRTÜNME KARIŞTIRMA KAYNAĞI İLEKAYNAKLANABİLİRLİĞİNE TAKIM PİM PROFİLİNİN ETKİSİNİN İNCELENMESİ**
KASMAN Ş., KAHRAMAN F., EMİRALİOĞLU A., KAHRAMAN H.
16th International Materials Symposium IMSP'2016, Denizli, Turkey, 12 - 14 October 2016, (Full Text)

XXVI. **SÜRTÜNME KARIŞTIRMA KAYNAK YÖNTEMİ İLE BİRLEŞTİRİLENEN AW5754 ve EN AW7075 PLAKALARIN MEKANİK ÖZELLİKLERİNEPİM GEOMETRİSİNİN ETKİLERİNİN İNCELENMESİ**
KASMAN Ş., KAHRAMAN F., EMİRALİOĞLU A., KAHRAMAN H.
16th International Materials Symposium IMSP'2016, Denizli, Turkey, 12 - 14 October 2016, (Full Text)

XXVII. **TIG MIG VE FSW KAYNAK YÖNTEMLERİ İLE KAYNAK EDİLMİŞ AA6082 T6ALÜMİNYUM ALAŞIMININ MİKROYAPI VE MEKANİK ÖZELLİKLERİNİNKARŞILAŞTIRILMASI**
KAHRAMAN F., KASMAN Ş., AYDIN A., EMİRALİOĞLU A., KAHRAMAN D A.
16th International Materials Symposium IMSP'2016, Denizli, Turkey, 12 - 14 October 2016, (Full Text)

XXVIII. **A STUDY FOR WELDABILITY OF DISSIMILAR ALUMINUM ALLOYS**
KASMAN Ş.
16th International Materials Symposium IMSP'2016, Denizli, Turkey, 12 - 14 October 2016, (Full Text)

XXIX. **AA7075 T651 ALÜMİNYUM ALAŞIMININ SÜRTÜNME KARIŞTIRMAKAYNAĞINDA FARKLI KARIŞTIRICI UÇ DÖNME VE İLERLEME HIZLARININMİKROYAPI VE MEKANİK ÖZELLİKLERE ETKİSİNİN İNCELENMESİ**
KAHRAMAN F., KASMAN Ş., AYDIN A.
16th International Materials Symposium IMSP'2016, 12 - 14 October 2016, (Full Text)

XXX. **Sürtünme Karıştırma Kaynak Yöntemi ile Birleştirilmiş AA7075 T651 Alüminyum Alaşımlarının Farklı Karıştırıcı Pim Geometrilerinin Kaynak Performansına Etkisinin İncelenmesi**
KASMAN Ş., KAHRAMAN F., AYDIN A.
4th International Symposium on Innovative Technologies inEngineering and Science, Antalya, Turkey, 3 - 05 November 2016, (Full Text)

XXXI. **ÖSTENİTİK PASLANMAZ ÇELİKLER İLE TAKIM ÇELİKLERİNİN BİRBİRLERİ İLE KAYNAĞINDA OLUŞAN KAYNAK BÖLGESİNİN İNCELENMESİ**
KAHRAMAN F., KASMAN Ş., KAHRAMAN D A., OĞUZHAN T.
4. ULUSLARARASI KAYNAK TEKNOLOJİLERİ KONFERANSI ve SERGİSİ, Gaziantep, Turkey, 11 - 13 May 2016, (Full Text)

XXXII. **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., EMİRALİOĞLU A., KAHRAMAN H.
4. ULUSLARARASI KAYNAK TEKNOLOJİLERİ KONFERANSI ve SERGİSİ, Gaziantep, Turkey, 11 - 13 May 2016, (Full Text)

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4. ULUSLARARASI KAYNAK TEKNOLOJİLERİ KONFERANSI ve SERGİSİ, Gaziantep, Turkey, 11 - 13 May 2016, (Full Text)

XXXIV. **A STUDY ON MATERIAL REMOVAL RATE IN EDM OF AA7075 USING ANOVA**
KASMAN Ş., TOSUN G., TOSUN N.
19th International T H E R M O Conference, 7 - 10 July 2015, (Full Text)

XXXV. **An Investigation of WEDM Process Parameters on the Surface Roughness of Al/B4Cp Metal Matrix Composites**

Ozan S., Guleryuz L. F., KASMAN Ş., İPEK R.
2nd International Congress on Advances in Applied Physics and Materials Science (APMAS), Antalya, Turkey, 26 - 29 April 2012, vol.1476, pp.317-320, (Full Text)

XXXVI. **THE EFFECT OF SCAN SPEED ON ENGRAVING DEPTH AND SURFACE ROUGHNESS OF AISI H13 TOOL STEEL**
Kasman Ş., Saklakoğlu İ. E.
International Conference on Advances in Materials and Processing Technologies (AMPT), Kuala-Lumpur, Malaysia, 26 - 29 October 2009, pp.1258-1259, (Full Text)

XXXVII. **SURFACE ROUGHNESS AND WEAR BEHAVIOR OF LASER MACHINED AISI H13 TOOL STEEL**
KASMAN Ş., SAKLAKOĞLU İ. E.
International Conference on Advances in Materials and Processing Technologies (AMPT), Kuala-Lumpur, Malaysia, 26 - 29 October 2009, pp.1264-1265, (Full Text)

XXXVIII. **Investigation of Laser Deep Engraving Process: A Case Study for Surface Roughness and Engraving Depth**
KASMAN Ş., SAKLAKOĞLU İ. E.
International Conference on Advances in Materials and Processing Technologies, Paris, France, 24 - 27 October 2010, vol.1315, pp.1582-1583, (Full Text)

XXXIX. **A Statistical Study for Optimum Surface Roughness and Engraving Depth**
KASMAN Ş., SAKLAKOĞLU İ. E.
International Conference on Advances in Materials and Processing Technologies, Paris, France, 24 - 27 October 2010, vol.1315, pp.1559-1560, (Full Text)

XL. **THE EFFECT OF LASER BEAM OVERLAPPING ON THE WEAR BEHAVIOR OF EN 1.2344**
SAKLAKOĞLU İ. E., KASMAN Ş.
BALTTRIB 2009 International Scientific Conference, Kaunas, Lithuania, 19 - 21 November 2009, pp.209-210, (Full Text)

XLI. **WEAR BEHAVIOR OF AISI 316 STAINLESS STEEL MACHINED BY FIBER LASER**
KASMAN Ş., SAKLAKOĞLU İ. E.
BALTTRIB 2009 International Scientific Conference, Kaunas, Lithuania, 19 - 21 November 2009, pp.293-294, (Full Text)

XLII. **Microstructural Evolution of ETIAL 160 Aluminium Alloy Feedstock Produced by Cooling Slope Casting**
SAKLAKOĞLU N., Birol Y., KASMAN Ş.
10th International Conference on Semi-Solid Processing of Alloys and Composites, Aachen, Germany, 16 - 18 September 2008, pp.575-576, (Full Text)

Funded Projects

Kasman Ş., Ozan S., Uçar İ. C., Project Supported by Higher Education Institutions, Fiber Laser Processing of Surface of Metallic Biomaterials: Comparison of Stainless Steel and Co-Cr Materials, 2021 - 2023

KASMAN Ş., Project Supported by Higher Education Institutions, Farklı Alüminyum Alaşımlı Plakaların Sürtünme Karıştırma Kaynak Yöntemi Kullanılarak Kaynaklanabilirliğinde Pim Çakışma Oranının Etkilerinin Araştırılması, 2017 - 2018

Kasman Ş., Kahraman F., Project Supported by Higher Education Institutions, FSW İle Birleştirilen Alüminyum Alaşımlarının Kaynak Bölgesinin Ultrasonik Dövme Yöntemi İle İyileştirilmesi, 2014 - 2016

KASMAN Ş., Project Supported by Higher Education Institutions, Sürtünme Karıştırma Kaynağında Takım Geometrisinin ve Kaynak Parametrelerinin Mekanik Özelliklere Etkisinin Araştırılması, 2011 - 2013

Kasman Ş., Saklakoğlu İ. E., Project Supported by Higher Education Institutions, Lazerle Oyma Yöntemiyle İşlenmiş Yüzeylerde İşleme Parametrelerinin Mikroyapı Ve Sertlik Değişimine Etkilerinin İnclenmesi, 2010 - 2011

Kasman Ş., Saklakoğlu İ. E., Project Supported by Higher Education Institutions, Lazerle oyma işlem parametrelerinin yüzey özelliklerine etkilerinin incelenmesi ve optimizasyonu, 2008 - 2010

Kasman Ş., Saklakoğlu N., İrizalp S., Project Supported by Higher Education Institutions, Vibrasyon Altında Soğutma Plakasında (Cooling Slope) Döküm Prosesiyle Etial 160 Alaşımında Tiksotropik Karakterde Malzeme Üretimi ve Özelliklerinin İncelenmesi., 2007 - 2009

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