

Prof. Ahmet KARAASLAN

Personal Information

Email: karaas@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/karaas>

International Researcher IDs

ORCID: 0000-0002-7267-5045

Yoksis Researcher ID: 3771

Education Information

Doctorate, Montanuniversitaet, Ins. Für Metallkunde Und Werkstoffprüfung, Austria 1994 - 1998

Postgraduate, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 1990 - 1992

Undergraduate, Yıldız Üniversitesi, Mühendislik Fakültesi, Metalurji Mühendisliği Bölümü, Turkey 1986 - 1990

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Thermal Treatment, Material Characterization, Structure-Property Relationship, Engineering and Technology

Academic Titles / Tasks

Professor, Yıldız Technical University, Kimya Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği, 2010 - Continues

Academic and Administrative Experience

Yıldız Teknik Üniversitesi, Kimya Metalurji Fakültesi, 2005 - 2010

Advising Theses

Karaaslan A., Paslanmaz Çeliklerin Kaynak Kabiliyetleri ve Oluşabilecek Kaynak Hataları, Postgraduate, O.ÖZSAVANER(Student), 2019

Karaaslan A., Bimetal Kompozitlerin Metal Talaşlarıyla Üretimi ve Karakterizasyonu, Doctorate, R.GECÜ(Student), 2019

KARAASLAN A., Fotovoltaik Uygulamalar İçin Sıçratma Yöntemi İle Üretilen ZnO İnce Filmlerde Katkı Elementlerinin Etkisi, Postgraduate, Ü.Mustafaoğlu(Student), 2017

KARAASLAN A., Galyum Katkılı Çinko-Oksit İnce Filmlerin Özelliklerine Sıçratma Gücünün ve Kaplama Sonrası Uygulanan Isıl İşlemin Etkileri, Postgraduate, B.Handem(Student), 2017

KARAASLAN A., Alüminyum Ekstrüzyonunda Kullanılan Sıcak İş Takım Çeliğinin Bor-Nitrür İle Kaplanması, Postgraduate, Y.Akça(Student), 2017

KARAASLAN A., AA7075 Alaşımında Yaşlandırma ve RRA İşlemleri İle Özellik Değişimlerinin İncelenmesi, Doctorate, G.Özer(Student), 2017

KARAASLAN A., Değişik Oranlarda SiC İçeren Alüminyum Matrisli Kompozitlerin Birleştirilmesi, Postgraduate,

Ç.Engin(Student), 2016

KARAASLAN A., Otomotiv Sektöründeki Birleştirmelerde Seçilen Kaynak Parametreleri Ve Kullanılan Teknolojiler: Geleneksel Yöntemler Ve Laser Tekniği, Postgraduate, C.Yeşildal(Student), 2016

KARAASLAN A., Dupleks Paslanmaz Çelikteki Sigma Ve Chi Fazlarının Ergitme Kaynağındaki Oluşum Mekanizmalarının Modelleme İle Saptanması, Postgraduate, S.Gürel(Student), 2016

KARAASLAN A., Takım Malzemelerinde Aşınma Hasarlarını Önleyecek İşlemler ve Yağlayıcıların Belirlenmesi, Postgraduate, O.Aydoğan(Student), 2016

KARAASLAN A., Dupleks Paslanmaz Çeliklerin Kaynağında Isıl Girdilerin Modellenmesi ve Deneysel Verilerin Eldesi, Doctorate, A.Kısaöz(Student), 2016

KARAASLAN A., Sıcak İş Takım Çeliklerinin Elastikliğine Isıl İşlemlerin Etkisi, Postgraduate, A.Kısaöz(Student), 2016

KARAASLAN A., Kısa Fiber Takviyeli Polimer Matrisli Kompozitlerin Enjeksiyon Yöntemi İle Üretimi, Postgraduate, Ş.Sabancı(Student), 2016

KARAASLAN A., Dupleks Paslanmaz Çelikte Oluşan Sigma Ve Chi Fazlarının Oluşum Mekanizmalarının Farklı Isıl İşlem Parametreleriyle Saptanması, Postgraduate, S.Akpınar(Student), 2015

KARAASLAN A., Yüksek Hız Takım Çeliklerinde Uygulanan Isıl İşlemler Ve Elde Edilen Özellikler Arasındaki İlişkilerin Fiziksel Metalurjik Yönden İncelenmesi, Postgraduate, G.Orkun(Student), 2012

KARAASLAN A., Al 7075 Alaşımının Şekillenme ve Isıl İşleme Özelliklerinin İyileştirilmesi, Postgraduate, I.Kaya(Student), 2005

KARAASLAN A., Silisyum Karbür Takviyeli Alüminyum Matrisli Kompozitlerin Toz Metalurjisi Yöntemi Ve Döküm Yöntemiyle Üretilmesi, Postgraduate, G.Yanıkçı(Student), 2004

KARAASLAN A., Titanyum ve Alaşımlarının Tungsten Inert Gaz (TIG) Kaynağı, Postgraduate, A.Ekmekçioğlu(Student), 2003

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Precipitation of carbides in a nickel-based cast heat-resistant alloy during thermal exposure: Evolution of microstructure, hardness and corrosion properties**
Öztürk K., Kısaöz A., Özer G., Karaaslan A.
Materialprüfung/Materials Testing, vol.65, no.2, pp.233-243, 2023 (SCI-Expanded)
- II. **Volume fraction effect of stainless steel on microstructure, interface, corrosion and wear behavior of stainless steel / aluminum bimetal composites**
GECÜ R., KARAASLAN A.
Materials Chemistry and Physics, vol.284, 2022 (SCI-Expanded)
- III. **Microstructure, mechanical and corrosion properties of nickel superalloy weld metal**
Kısaöz A., TÜMER M., KARAASLAN A.
MATERIALS TESTING, vol.63, no.10, pp.895-900, 2021 (SCI-Expanded)
- IV. **INVESTIGATION OF THE EFFECTS OF DIFFERENT RETROGRESSION AND RE-AGING PARAMETERS APPLIED TO THE 7075 ALLOY ON THE MICRO-ARC OXIDATION PROCESS**
Yılmaz M. S., Ozer G., ŞAHİN O., KARAASLAN A.
SURFACE REVIEW AND LETTERS, vol.28, no.09, 2021 (SCI-Expanded)
- V. **Microstructure, wear and corrosion characteristics of multiple-reinforced (SiC-B4C-Al2O3) Al matrix composites produced by liquid metal infiltration**
Öztürk K., Gecü R., Karaaslan A.
CERAMICS INTERNATIONAL, vol.47, no.13, pp.18274-18285, 2021 (SCI-Expanded)
- VI. **A Study on the Effects of Different Heat Treatment Parameters on Microstructure-Mechanical Properties and Corrosion Behavior of Maraging Steel Produced by Direct Metal Laser Sintering (DMLS)**
Özer G., Karaaslan A.
Steel Research International, vol.91, no.10, pp.1-8, 2020 (SCI-Expanded)
- VII. **Casting temperature dependent wear and corrosion behavior of 304 stainless steel reinforced A356**

aluminium matrix bimetal composites fabricated by vacuum-assisted melt infiltration casting

Gecü R., Karaaslan A.

WEAR, vol.446, 2020 (SCI-Expanded)

- VIII. **Influence of the phase balance and cooling conditions on the microstructure and corrosion behavior of solution-treated 1.4462 duplex stainless steel**
Yalçiner G., Özer G., Kisasöz A., Karaaslan A.
MATERIALS RESEARCH EXPRESS, vol.6, no.12, 2019 (SCI-Expanded)
- IX. **Cooling slope casting of AA7075 alloy combined with reheating and thixoforging**
Güler K. A., Kisasöz A., Ozer G., Karaaslan A.
TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA, vol.29, pp.2237-2244, 2019 (SCI-Expanded)
- X. **Effect of RRA heat treatment on corrosion and mechanical properties of AA7075**
Özer G., Karaaslan A.
MATERIALS AND CORROSION-WERKSTOFFE UND KORROSION, vol.70, no.11, pp.2064-2072, 2019 (SCI-Expanded)
- XI. **Effect of secondary phases on 475 °C embrittlement of 1.4462 and 1.4501 duplex stainless steels at short-term heat treatment conditions**
KISASÖZ A., Ozer G., KARAASLAN A.
Materials Research Express, vol.6, no.11, 2019 (SCI-Expanded)
- XII. **Effects of retrogression and reaging heat treatment on the microstructure, exfoliation corrosion, electrical conductivity, and mechanical properties of AA7050**
Özer G., Kaya I., Karaaslan A.
MATERIALS AND CORROSION-WERKSTOFFE UND KORROSION, vol.70, no.10, pp.1788-1797, 2019 (SCI-Expanded)
- XIII. **Investigation of the relationship between intergranular corrosion and retrogression and reaging in the AA6063**
Ozer G., KISASÖZ A., KARAASLAN A.
MATERIALS AND CORROSION-WERKSTOFFE UND KORROSION, vol.70, no.12, pp.2256-2265, 2019 (SCI-Expanded)
- XIV. **Sliding Wear of the Ti-Reinforced Al Matrix Bi-metal Composite: A Potential Replacement to Conventional SiC-Reinforced Composites for Automotive Application**
GECÜ R., KARAASLAN A.
INTERNATIONAL JOURNAL OF METALCASTING, vol.13, no.3, pp.641-652, 2019 (SCI-Expanded)
- XV. **Improving wear resistance of 304 stainless steel reinforced AA7075 aluminum matrix composite by micro-arc oxidation**
GECÜ R., Yurekturk Y., Tekoglu E., Muhaffel F., KARAASLAN A.
SURFACE & COATINGS TECHNOLOGY, vol.368, pp.15-24, 2019 (SCI-Expanded)
- XVI. **The effect of retrogression and re-aging treatment on mechanical and tribological features of AA7075 aluminium alloy**
Einfluss der Retrogressions- und Reaging-Behandlung auf die mechanischen und tribologischen Eigenschaften der Aluminiumlegierung AA7075
Ozer G., GECÜ R., KARAASLAN A.
MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, vol.50, no.6, pp.761-768, 2019 (SCI-Expanded)
- XVII. **A Comparative Study on Titanium-Reinforced Aluminium Matrix Composites Produced by Melt Infiltration Casting and Squeeze Infiltration**
GECÜ R., KARAASLAN A.
INTERNATIONAL JOURNAL OF METALCASTING, vol.13, no.2, pp.311-319, 2019 (SCI-Expanded)
- XVIII. **Microstructural and Tribological Characterization of Stainless Steel-Reinforced Aluminum Matrix Bimetal Composites Produced at Various Mold Burnout Temperatures**
GECÜ R., KARAASLAN A.
TRIBOLOGY TRANSACTIONS, vol.62, no.2, pp.249-261, 2019 (SCI-Expanded)
- XIX. **Effects of RRA heat treatment on the exfoliation corrosion (EXCO), intergranular corrosion (IGC), and electrical conductivity of AA7075 alloy**
Ozer G., Karaaslan A.
MATERIALS AND CORROSION-WERKSTOFFE UND KORROSION, vol.70, no.3, pp.549-557, 2019 (SCI-Expanded)
- XX. **Volume Fraction Dependent Wear Behavior of Titanium-Reinforced Aluminum Matrix Composites**

Manufactured by Melt Infiltration Casting

GECÜ R., KARAASLAN A.

JOURNAL OF TRIBOLOGY-TRANSACTIONS OF THE ASME, vol.141, no.2, 2019 (SCI-Expanded)

- XXI. **Preform-Based Production of Al₂O₃-Reinforced Aluminium Matrix Composites by Using Various Modification Techniques**
Öztürk K., Gecü R., Karaaslan A.
Metals and Materials International, 2019 (SCI-Expanded)
- XXII. **A Study on Al/Cu Bimetal Production by Lost Foam Casting**
ACAR S., GECÜ R., KISASÖZ A., GÜLER K. A., KARAASLAN A.
PRAKTISCHE METALLOGRAPHIE-PRACTICAL METALLOGRAPHY, vol.55, no.11, pp.728-740, 2018 (SCI-Expanded)
- XXIII. **Etching behavior of ZnO:Ga thin films**
Duygulu N., MUSTAFAOĞLU U., KODOLBAŞ A. O., KARAASLAN A.
MATERIALS TESTING, vol.60, no.11, pp.1097-1103, 2018 (SCI-Expanded)
- XXIV. **Influence of T6 heat treatment on A356 and A380 aluminium alloys manufactured by thixoforging combined with low superheat casting**
GECÜ R., ACAR S., KISASÖZ A., ALTUG GULER K. A., KARAASLAN A.
Transactions of Nonferrous Metals Society of China (English Edition), vol.28, no.3, pp.385-392, 2018 (SCI-Expanded)
- XXV. **Relationship Between Nanoindentation and Wear Properties of Stainless Steel-Reinforced Aluminium Matrix Composite**
GECÜ R., KARAASLAN A.
TRIBOLOGY LETTERS, vol.65, no.4, 2017 (SCI-Expanded)
- XXVI. **Influence of preform preheating on dry sliding wear behavior of 304 stainless steel reinforced A356 aluminum matrix composite produced by melt infiltration casting**
GECÜ R., ATAPEK Ş. H., KARAASLAN A.
TRIBOLOGY INTERNATIONAL, vol.115, pp.608-618, 2017 (SCI-Expanded)
- XXVII. **Properties of AA7075 aluminum alloy in aging and retrogression and reaging process**
ÖZER G., KARAASLAN A.
TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA, vol.27, no.11, pp.2357-2362, 2017 (SCI-Expanded)
- XXVIII. **Relationship of RRA heat treatment with exfoliation corrosion, electrical conductivity and microstructure of AA7075 alloy**
Özer G., KARAASLAN A.
MATERIALS AND CORROSION-WERKSTOFFE UND KORROSION, vol.68, no.11, pp.1260-1267, 2017 (SCI-Expanded)
- XXIX. **Investigation of spherisation in microstructures of aluminium casting alloys for thixoforging process**
GÜLER K. A., GECÜ R., KISASÖZ A., KARAASLAN A.
RUSSIAN JOURNAL OF NON-FERROUS METALS, vol.58, no.5, pp.489-494, 2017 (SCI-Expanded)
- XXX. **Effect of Water Storage on The Mechanical Properties of Zinc Polycarboxylate Cements**
HAZAR A. B., KARAASLAN A.
Digest Journal Of Nanomaterials And Biostructures, vol.2, no.2, pp.243-252, 2017 (SCI-Expanded)
- XXXI. **DOUBLE FILLET WELDING OF CARBON STEEL T-JOINT BY DOUBLE CHANNEL SHIELDING GAS METAL ARC WELDING METHOD USING METAL CORED WIRE**
MERT T., GÜLTEKİN N., KARAASLAN A.
ARCHIVES OF METALLURGY AND MATERIALS, vol.62, no.2, pp.947-954, 2017 (SCI-Expanded)
- XXXII. **Influence of Orbital Shaking on Microstructure and Mechanical Properties of A380 Aluminium Alloy Produced by Lost Foam Casting**
KISASÖZ A., GÜLER K. A., KARAASLAN A.
RUSSIAN JOURNAL OF NON-FERROUS METALS, vol.58, no.3, pp.238-243, 2017 (SCI-Expanded)
- XXXIII. **The Effect of RRA Heat Treatment on the Intergranular Corrosion (IGC) of the AA7075 Alloy**
Özer G., KARAASLAN A.
PRAKTISCHE METALLOGRAPHIE-PRACTICAL METALLOGRAPHY, vol.54, no.4, pp.256-266, 2017 (SCI-Expanded)
- XXXIV. **A Comparative Study on the Microstructure Evaluation of Thixoforged A356 and A380 Aluminium**

Alloys

- GÜLER K. A., GECÜ R., KISASÖZ A., KARAASLAN A.
PRAKTISCHE METALLOGRAPHIE-PRACTICAL METALLOGRAPHY, vol.54, no.3, pp.163-177, 2017 (SCI-Expanded)
- XXXV. **EFFECT OF ETCHING METHODS IN METALLOGRAPHIC STUDIES OF DUPLEX STAINLESS STEEL 2205**
KISASÖZ A., KARAASLAN A., BAYRAK Y.
METAL SCIENCE AND HEAT TREATMENT, vol.58, pp.704-706, 2017 (SCI-Expanded)
- XXXVI. **Characteristics of austenitic stainless steel T-joints welded using the DMAG process with solid wire**
MERT T., Gültekin N., KARAASLAN A.
MATERIALS TESTING, vol.58, no.9, pp.778-781, 2016 (SCI-Expanded)
- XXXVII. **Dry Sliding Wear Behavior of Cast A7075 and A7075/SAF 2205 Composite Material**
KARAASLAN A., KISASÖZ A., ATAPEK Ş. H., GÜLER K. A.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.35, no.5, pp.487-492, 2016 (SCI-Expanded)
- XXXVIII. **Effect of Annealing Time and Cooling Rate on Precipitation Processes in a Duplex Corrosion-Resistant Steel**
KISASÖZ A., Gurel S., KARAASLAN A.
METAL SCIENCE AND HEAT TREATMENT, vol.57, pp.544-547, 2016 (SCI-Expanded)
- XXXIX. **Evaluation of double channel GMAW fillet welds of low carbon steel using solid wire**
MERT T., Gultekin N., KARAASLAN A.
MATERIALS TESTING, vol.57, pp.680-684, 2015 (SCI-Expanded)
- XL. **A study of expanded polyethylene (EPE) pattern application in aluminium lost foam casting**
GÜLER K. A., KISASÖZ A., KARAASLAN A.
RUSSIAN JOURNAL OF NON-FERROUS METALS, vol.56, no.2, pp.171-176, 2015 (SCI-Expanded)
- XLI. **Fillet welding of austenitic stainless steel using the double channel shielding gas method with cored wire**
MERT T., Gultekin N., KARAASLAN A.
MATERIALS TESTING, vol.57, no.1, pp.91-94, 2015 (SCI-Expanded)
- XLII. **Mechanical and Microstructural Evaluation of DMAG Welding of Structural Steel**
MERT T., Gultekin N., KARAASLAN A.
ADVANCES IN MECHANICAL ENGINEERING, vol.7, no.1, 2015 (SCI-Expanded)
- XLIII. **Investigation of Al/Steel Bimetal Composite Fabrication by Vacuum Assisted Solid Mould Investment Casting**
GÜLER K. A., KISASÖZ A., KARAASLAN A.
ACTA PHYSICA POLONICA A, vol.126, no.6, pp.1327-1330, 2014 (SCI-Expanded)
- XLIV. **Investigation of lost foam casted aluminum bimetal microstructures**
GÜLER K. A., KISASÖZ A., KARAASLAN A.
Materialpruefung/Materials Testing, vol.56, no.9, pp.737-740, 2014 (SCI-Expanded)
- XLV. **Finite Element Analysis of 2205 Duplex Stainless Steel Welds**
KISASÖZ A., KARAASLAN A.
MATERIALS TESTING, vol.56, no.10, pp.795-799, 2014 (SCI-Expanded)
- XLVI. **Fabrication of Al/Mg bimetal compound casting by lost foam technique and liquid-solid process**
GÜLER K. A., KISASÖZ A., KARAASLAN A.
Materialpruefung/Materials Testing, vol.56, no.9, pp.700-702, 2014 (SCI-Expanded)
- XLVII. **Effects of pattern coating and vacuum assistance on porosity of aluminium lost foam castings**
GÜLER K. A., KISASÖZ A., KARAASLAN A.
Russian Journal of Non-Ferrous Metals, vol.55, no.5, pp.424-428, 2014 (SCI-Expanded)
- XLVIII. **Effects of alloying elements with various heat treatment processes on the properties of high speed steels**
KISASÖZ A., TOPTOP G., KARAASLAN A.
Kovove Materialy, vol.51, no.3, pp.205-209, 2013 (SCI-Expanded)
- XLIX. **The fabrication and characterization of Al/SiC-MMC castings produced by vacuum assisted solidmould investment casting process**

Guler K. A., KISASÖZ A., KARAASLAN A.

RUSSIAN JOURNAL OF NON-FERROUS METALS, vol.54, no.4, pp.320-324, 2013 (SCI-Expanded)

- L. **Effect of Alloying Elements on the Tooling Capabilities of High Speed Steels Fabricated by Powder Metallurgy**
Toptop G. O., KISASÖZ A., KARAASLAN A.
MATERIALS TESTING, vol.55, no.1, pp.43-46, 2013 (SCI-Expanded)
- LI. **Infiltration of A6063 aluminium alloy into SiC-B4C hybrid preforms using vacuum assisted block mould investment casting technique**
KISASÖZ A., GÜLER K. A., KARAASLAN A.
TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA, vol.22, no.7, pp.1563-1567, 2012 (SCI-Expanded)
- LII. **Effects of Co as an alloying element and heat treatment processes on the properties of high speed steels**
TOPTOP G. O., KISASÖZ A., KARAASLAN A.
Materialpruefung/Materials Testing, vol.54, no.6, pp.427-430, 2012 (SCI-Expanded)
- LIII. **Mechanical properties of A6063/ SiC composites produced using the lost foam casting process**
Güler K. A., Kisasoz A., Yuksel C., Karaaslan A.
Materialpruefung/Materials Testing, vol.54, no.3, pp.189-192, 2012 (SCI-Expanded)
- LIV. **Influence of heat treatment and thermochemical processes on the properties of the steel X 38 CrMoV 5 3**
Kisasoz A., Karaaslan A.
Materialpruefung/Materials Testing, vol.54, no.2, pp.103-107, 2012 (SCI-Expanded)
- LV. **A novel method for Al/SiC composite fabrication: Lost foam casting**
GÜLER K. A., KISASÖZ A., KARAASLAN A.
International Journal of Materials Research, vol.102, no.3, pp.304-308, 2011 (SCI-Expanded)
- LVI. **Fabrication and characterization of SiC preforms for metal matrix composites**
Kisasoz A., Güler K. A., Karaaslan A.
Materialpruefung/Materials Testing, vol.53, pp.54-57, 2011 (SCI-Expanded)
- LVII. **Processing and microstructural characterisation of AA 1070 and AA 6063 matrix B4Cp reinforced composites**
Toptan F., Kilicarslan A., Karaaslan A., Çiğdem M., Kerti I.
MATERIALS & DESIGN, vol.31, 2010 (SCI-Expanded)
- LVIII. **Formation of the Stress-Relieved Structure in the Welded Region of Gas Tungsten Arc Welded Armor Steel with the Help of Heat Distribution**
KARAASLAN A., Akça C.
METAL SCIENCE AND HEAT TREATMENT, vol.51, no.11, pp.585-588, 2009 (SCI-Expanded)
- LIX. **Production of a Glass Fiber Reinforced Polymer Matrix Composite by Injection Moulding and its Characterization**
KARAASLAN A., Sabancı S., Atapek H.
MATERIALS TESTING-MATERIALS AND COMPONENTS TECHNOLOGY AND APPLICATION, vol.51, no.4, pp.215-218, 2009 (SCI-Expanded)
- LX. **Formability Characteristics of Industrial Pure Aluminum at Casting and Room Temperature**
KARAASLAN A.
MATERIALS TESTING-MATERIALS AND COMPONENTS TECHNOLOGY AND APPLICATION, vol.51, no.4, pp.234-237, 2009 (SCI-Expanded)
- LXI. **The Effect of Austempering Time on Heat Affected Zone in Gas Tungsten Arc Welding of Unalloyed Austempered Ductile Iron**
KARAASLAN A., AKÇA C.
METALL, vol.5, pp.295-297, 2008 (SCI-Expanded)
- LXII. **Einfluss von Zusatzwerkstoffe auf die Schweißbarkeit von der Aluminiumlegierung AlZnMg beim Wolfram-Inertgasschweißen**
KARAASLAN A.

- PRAKTISCHE METALLOGRAPHIE-PRACTICAL METALLOGRAPHY, vol.45, no.2, pp.86-91, 2008 (SCI-Expanded)
- LXIII. **Characterization of the Heat Affected Zone in Gas Tungsten Arc Welds of Unalloyed Austempered Ductile Iron**
KARAASLAN A., Akca C.
MATERIALS TESTING-MATERIALS AND COMPONENTS TECHNOLOGY AND APPLICATION, vol.50, no.5, pp.264-267, 2008 (SCI-Expanded)
- LXIV. **Tensile Strength and Impact Toughness of an AA 7075-T6 Alloy Effects of Aging Temperature and Time During Retrogression Treatment**
KARAASLAN A., Kaya I., Atapek H.
MATERIALS TESTING-MATERIALS AND COMPONENTS TECHNOLOGY AND APPLICATION, vol.50, no.5, pp.256-258, 2008 (SCI-Expanded)
- LXV. **Crack Avoidance by Using Titanium as Filler Material for Laser Welding of a Chromium Steel with a Nickel Alloy**
Karaaslan A.
MATERIALS TESTING-MATERIALS AND COMPONENTS TECHNOLOGY AND APPLICATION, vol.50, no.5, pp.268-271, 2008 (SCI-Expanded)
- LXVI. **Effect of aging temperature and of retrogression treatment time on the microstructure and mechanical properties of alloy AA 7075**
KARAASLAN A., Kaya I., Atapek H.
METAL SCIENCE AND HEAT TREATMENT, vol.49, pp.443-447, 2007 (SCI-Expanded)
- LXVII. **Einfluss des Laserverfahrens auf Geometrie der Spuren beim Laserschweißen von Ni-Resist-Sphaeroguss mit hitzebeständigem Stahl**
KARAASLAN A.
METALS, vol.7, pp.477-478, 2007 (SCI-Expanded)
- LXVIII. **Crack avoidance during powder metallurgy of a SiC particel reinforced aluminium alloy A 6063**
KARAASLAN A., Lus M.
MATERIALPRUFUNG, vol.49, pp.603-605, 2007 (SCI-Expanded)
- LXIX. **Modellierung der mikrostrukturellen Aenderungen in heterogenen Verbindungen**
KARAASLAN A.
MATERIALPRUFUNG, vol.48, no.11, pp.553-555, 2006 (SCI-Expanded)
- LXX. **Wolfram-Inertgasschweißen der Aluminiumlegierung AlMgSi1 mit und ohne Zusatzwerkstoff**
KARAASLAN A.
MATERIALPRUFUNG, vol.48, no.5, pp.207-210, 2006 (SCI-Expanded)
- LXXI. **Influence of cold work and plate thickness on the gas-tungsten arc weldability of commercially pure aluminium**
KARAASLAN A.
MATERIALPRUFUNG, vol.48, no.4, pp.152-155, 2006 (SCI-Expanded)
- LXXII. **Schweißen von Reintitanblechen: Laserstrahlschweißen und WIG-Schweißen von kommerziellen Reintitanblech**
KARAASLAN A.
MATERIALPRUFUNG, vol.46, no.9, pp.452-454, 2004 (SCI-Expanded)
- LXXIII. **Schweißen von technisch reinem Titan: WIG-Schweißen mit der Titanlegierung TiAl6V4**
KARAASLAN A.
MATERIALPRUFUNG, vol.46, no.9, pp.449-451, 2004 (SCI-Expanded)
- LXXIV. **Laserlegieren von Schnellarbeitstaehlen, Durch die Waermebehandlung bedingte Eigenschaftsaenderungen von laserlegierten Schnellarbeitstaehlen**
KARAASLAN A.
MATERIALPRUFUNG, vol.46, no.3, pp.102-105, 2004 (SCI-Expanded)
- LXXV. **Joinning of S 6-5-2 and 4140 steel with flash welding**
KARAASLAN A.
Journal of Technical University of Gabrovo, vol.27, pp.31-35, 2003 (SCI-Expanded)

- LXXVI. **Heißrissbildung beim Schweißen: Charakterisieren heterogener Lichtbogenschweißverbindungen**
KARAASLAN A.
MATERIALPRUFUNG, vol.45, no.10, pp.452-454, 2003 (SCI-Expanded)
- LXXVII. **Examining the changes of hardness of different materials joined by laser beam**
KARAASLAN A.
Journal of Technical University of Gabrovo, vol.27, pp.40-44, 2003 (SCI-Expanded)
- LXXVIII. **Auswahl geeigneter Stabelektroden für Lichtbogenschweißen heterogener Verbindungen**
KARAASLAN A.
STAHL UND EISEN, vol.123, no.9, pp.73-75, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **Determination of Temperature Gradient in TIG Welding of Duplex Stainless Steel**
KISASÖZ A., GECÜ R., KARAASLAN A.
El-Cezerî Journal of Science and Engineering, vol.4, pp.593-597, 2017 (Scopus)
- II. **Aluminium Bimetal Structure Production by Lost Foam Casting with Liquid-Liquid Process**
Kısasöz A., Guler K. A., Karaaslan A.
Machines, Technologies, Materials, vol.8, no.10, pp.43-46, 2014 (Peer-Reviewed Journal)
- III. **Metal Matrisli Kompozitlerin Vakum İnfiltrasyonla Dereceli Hassas Döküm Kalıplarında Üretimi**
Güler K. A., KARAASLAN A.
Metalurji, vol.170, pp.34-38, 2014 (Non Peer-Reviewed Journal)
- IV. **Dubleks Paslanmaz Çeliklerde Oluşan Yüksek Sıcaklık Fazlarına Genel Bir Bakış**
KISASÖZ A., KARAASLAN A.
Metalurji, vol.7, no.162, pp.57-61, 2012 (Non Peer-Reviewed Journal)
- V. **Uzaktan Laser Sistemi İle Galvanizli Sacların Birleştirilmesinde Aralık Unsuru**
KARAASLAN A.
Gedik Holding, vol.2, pp.50-53, 2009 (Non Peer-Reviewed Journal)
- VI. **Ergitme Kaynağında Katılaşma Mekanizmasının Kaynak Bölgesi Özelliklerine Etkisi**
KARAASLAN A.
MetalMakina, vol.4, 2008 (Non Peer-Reviewed Journal)
- VII. **Düşük Alaşımli Yüksek Hız Çeliklerinde Isıl İşlemler İle Özelliklerin Arttırılması**
KARAASLAN A.
MetalMakina, vol.2, pp.68-72, 2007 (Non Peer-Reviewed Journal)
- VIII. **Yarı-Katı Fazda Magnezyum Üretimi**
AKÇA C., KARAASLAN A.
Metalurji Malzeme Dergisi, no.6, pp.58-61, 2006 (Peer-Reviewed Journal)
- IX. **Östemperlenmiş Küresel Grafitli Dökme Demirin TIG Kaynak Yöntemi İle Birleşme Karakterizasyonu**
KARAASLAN A.
Metal Makina, vol.7, pp.392-397, 2006 (Non Peer-Reviewed Journal)
- X. **Kalıplarda Laser İle Yüzey Sertleştirme**
KARAASLAN A.
Kalıp, vol.2, 2006 (Non Peer-Reviewed Journal)
- XI. **Sementasyon Çeliği (16 MnCr 5) İle Yapı Çeliğinin (St 37) TIG ve Elektrik Ark Kaynak Yöntemleriyle Birleştirilmesi**
KARAASLAN A.
Metal Dünyası, vol.123, pp.72-75, 2003 (Non Peer-Reviewed Journal)
- XII. **TIG Kaynak Yöntemi İle St 37 / DDL 20 Malzeme Çiftinin Kaynak Kabiliyetinin Araştırılması**
KARAASLAN A.
Metal Dünyası, vol.122, pp.109-111, 2003 (Non Peer-Reviewed Journal)
- XIII. **Paslanmaz Çeliklerin Kaynağında Isıl İşlemin Etkileri**

- KARAASLAN A.
Metal Dünyası, vol.119, 2003 (Non Peer-Reviewed Journal)
- XIV. **Laserschweisseignung des unlegierten Baustahls St 37**
KARAASLAN A.
Schweiss- und Prüftechnik, vol.3, 2002 (Peer-Reviewed Journal)
- XV. **Laseschweissen von Gusseisen mit hitzebeständigem Stahl**
KARAASLAN A.
Schweiss- und Prüftechnik, vol.11, 2000 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Malzeme Bilimi ve Mühendisliği Terimleri Sözlüğü**
KARAASLAN A.
Tdk, 2013
- II. **Mühendislik Alaşımaları İçin Faz Diyagramları**
KARAASLAN A.
Literatür, 2010
- III. **Laser İle Malzeme İşlemleri**
KARAASLAN A.
Literatür, 2009

Refereed Congress / Symposium Publications in Proceedings

- I. **Influence of Heat Treatment of 1.4462 and 1.4501 Duplex Stainless Steels on Microstructure and Wear Resistance**
YALÇINER G., GECÜ R., KISASÖZ A., KARAASLAN A.
20th International Metallurgy and Materials Congress, İstanbul, Turkey, 10 - 12 June 2021, pp.316
- II. **Prevention of Hot Crack Formation in 304 Stainless Steel Reinforced AA7075 Aluminium Matrix Bimetal Composites**
Gecü R., Karaaslan A.
9th International Aluminium Symposium, İstanbul, Turkey, 10 - 11 October 2019, pp.34-38
- III. **EFFECTS OF RETROGRESSION AND REAGING (RRA) ON THE MECHANICAL AND PHYSICAL PROPERTIES IN ALUMINIUM ALLOYS 7050 AND 7075**
Özer G., Kaya I., Karaaslan A.
9th International Aluminium Symposium , İstanbul, Turkey, 10 - 11 October 2019, pp.115-118
- IV. **Production of Hybrid Reinforced AA7075 Matrix Composite with Investment Casting**
Öztürk K., Karaaslan A.
9th International Aluminium Symposium, İstanbul, Turkey, 10 - 11 October 2019, pp.170-173
- V. **Effect of Micro Arc Oxidation (MAO) Parameters on Coating/Interface Behaviour of 7075-T6 Aluminium Alloy**
Yılmaz M. S., Özer G., Şahin O., Karaaslan A.
8th International Conference on Advanced Technologies (ICAT'19), Sarajevo, Bosnia And Herzegovina, 26 - 30 August 2019, pp.96-99
- VI. **Çelik ile Farklı Malzeme Çiftlerinin Laser Kaynağı**
Karaaslan A.
4th International Iron and Steel Symposium, Karabük, Turkey, 4 - 06 April 2019, pp.200
- VII. **Electrochemical Corrosion Behavior of Solution Treated UNS32205 Duplex Stainless Steel**
KISASÖZ A., KARAASLAN A.
4th International Iron and Steel Symposium, Karabük, Turkey, 4 - 06 April 2019, pp.287-289

- VIII. **A Study on the Effects of Solution Heat Treatment Time on Eutectic Silicon Morphology for A380 Alloy**
ACAR S., GECÜ R., KISASÖZ A., GÜLER K. A., KARAASLAN A.
19th International Metallurgy and Materials Congress, İstanbul, Turkey, 25 - 27 October 2018, pp.304-306
- IX. **Effect of Preheating Treatment on Corrosion Behavior of AA6063 Alloy**
CANBAY G., KISASÖZ A., KARAASLAN A.
19th International Metallurgy and Materials Congress, İstanbul, Turkey, 25 October 2018, pp.291-293
- X. **Sliding Wear Characteristics of AISI 2205 Duplex Stainless Steel Cooled in Various Environments after Solution Treatment**
GECÜ R., KISASÖZ A., KARAASLAN A.
19th International Metallurgy and Materials Congress, İstanbul, Turkey, 25 October 2018, pp.837-840
- XI. **The impact of volume fraction of commercially pure titanium reinforcement on aluminium matrix bimetal composite properties**
GENÇER K., GECÜ R., KARAASLAN A.
19th International Metallurgy and Materials Congress, İstanbul, Turkey, 25 October 2018, pp.148-151
- XII. **Influence of Cooling Conditions on the Microstructure of G-NiCr28W**
SALDUZ Y., BAŞARAN C., KISASÖZ A., KARAASLAN A.
19th International Metallurgy and Materials Congress, İstanbul, Turkey, 25 October 2018, pp.294-296
- XIII. **Effect of Preform Binders on the Properties of AA7075 Matrix Composites**
ÖZTÜRK K., KISASÖZ A., KARAASLAN A.
19th International Metallurgy and Materials Congress, İstanbul, Turkey, 25 October 2018, pp.265-268
- XIV. **Investigation of Microstructure and Corrosion Properties of the Inconel 625 Weld**
TÜMER M., KISASÖZ A., KARAASLAN A., KERİMAK M.
5th International Conference on Welding Technologies and Exhibition, Sarajevo, Bosnia And Herzegovina, 26 September 2018, pp.273-277
- XV. **TRIBOLOGICAL CHARACTERIZATION OF 304 STAINLESS STEEL REINFORCED AA7075 ALUMINIUM MATRIX COMPOSITE PRODUCED BY MELT INFILTRATION CASTING**
GECÜ R., KARAASLAN A.
2nd International Conference on Tribology, İstanbul, Turkey, 18 April 2018, pp.36-41
- XVI. **Fabrication of AA7075-SiCp Composite**
ÖZTÜRK K., KISASÖZ A., KARAASLAN A.
1st International Symposium on Light Alloys and Composite Materials, Karabük, Turkey, 22 March 2018, pp.273
- XVII. **Investigation of the Effects of Solution Heat Treatment Time on the Eutectic Silicon for A356 Alloy**
ACAR S., GECÜ R., KISASÖZ A., GÜLER K. A., KARAASLAN A.
2. International Conference on Engineering Technology and Innovation (ICETI), Budapeşte, Hungary, 07 March 2018, pp.268-272
- XVIII. **The Effect of Preform Preheating on Microstructural and Mechanical Features of 80% CP-Ti Reinforced A356 Matrix Composite**
GECÜ R., KARAASLAN A.
International Conference on Engineering Technology and Innovation (ICETI), Budapeşte, Hungary, 07 March 2018, pp.163-169
- XIX. **Dry Sliding Wear Properties of AA7075 Aluminium Matrix Hybrid Composites**
GECÜ R., ACAR S., KISASÖZ A., GÜLER K. A., KARAASLAN A.
2. International Conference on Engineering Technology and Innovation (ICETI), Budapeşte, Hungary, 07 March 2018, pp.295-300
- XX. **Influence of Doping Elements on Zinc Oxide Thin Films Deposited by Sputtering**
DUYGULU N., MUSTAFAOĞLU Ü., ERGÜNHAN B. H., YILMAZ O., KODOLBAŞ A. O., KARAASLAN A.
2017 ICG ANNUAL MEETING 32nd ŞİŞECAM GLASS SYMPOSIUM, 22 - 25 October 2017
- XXI. **Investigation the Influence of Doping Elements on Etched Zinc Oxide Thin Films Deposited By Sputtering Technique**
KODOLBAŞ A. O., MUSTAFAOĞLU Ü., ERGÜNHAN B. H., DUYGULU N., YILMAZ O., TUNA Ö., TÜRKÜZ S., KARAASLAN

- A.
2017 ICG ANNUAL MEETING 32nd ŞİŞECAM GLASS SYMPOSIUM, 22 - 25 October 2017
- XXII. **Etched Zinc Oxide Thin Films Deposited by Sputtering Technique**
DUYGULU N., MUSTAFAOĞLU Ü., ERGÜNHAN B. H., KODOLBAŞ A. O., KARAASLAN A.
2017 ICG ANNUAL MEETING 32nd ŞİŞECAM GLASS SYMPOSIUM, 22 - 25 October 2017
- XXIII. **Effect of Multipass Welding on Microstructure and Mechanical Properties of AISI 2205 Duplex Stainless Steel**
KISASÖZ A., TÜMER M., KARAASLAN A.
3rd International Iron & Steel Symposium, Karabük, Turkey, 03 April 2017, pp.66-68
- XXIV. **Aging of A356 Aluminum Billets Produced by Semi-Solid Metal Processing**
GECÜ R., ACAR S., KISASÖZ A., GÜLER K. A., KARAASLAN A.
3rd International Iron & Steel Symposium, Karabük, Turkey, 03 April 2017, pp.267-270
- XXV. **Determining the Corrosion Behaviour of EN 1.4462 Duplex Stainless Steel in FeCl₃ Media for Various Solution Treatment Conditions**
KISASÖZ A., KARAASLAN A.
3rd International Iron & Steel Symposium, Karabük, Turkey, 03 April 2017, pp.201-203
- XXVI. **Influence of Solution Heat Treatment at 1180°C on the Properties of 2.4879 Alloy**
KISASÖZ A., TÜFENK E., KARAASLAN A.
International Conference on Engineering Technology and Innovation, Sarajevo, Bosnia And Herzegovina, 22 March 2017, pp.166-169
- XXVII. **Microstructural Evaluation of T6-Treated A380 Alloy Manufactured by Semi-Solid Metal Casting**
GECÜ R., ACAR S., KISASÖZ A., GÜLER K. A., KARAASLAN A.
International Conference on Engineering Technology and Innovation, Sarajevo, Bosnia And Herzegovina, 22 March 2017, pp.284-288
- XXVIII. **Production of CP-Ti Reinforced A356 Aluminum Composite by Vacuum-Assisted Investment Casting**
GECÜ R., KARAASLAN A.
International Conference on Engineering Technology and Innovation, Saraybosna, Bosnia And Herzegovina, 22 March 2017, pp.210-214
- XXIX. **Variation of Microstructure and Mechanical Properties of 2205 Duplex Stainless Steel for Solution Treatment at 1150 °C**
KISASÖZ A., KARAASLAN A.
International Conference on Engineering Technology and Innovation, Sarajevo, Bosnia And Herzegovina, 22 March 2017, pp.170-174
- XXX. **EFFECTS OF LASER POWER AND WELDING SPEED ON THE REMOTE FIBER LASER WELDING OF THIN STEEL SHEETS USED IN THE AUTOMOTIVE INDUSTRY**
KOCATURK B., AKDOĞAN EKER A., MERT T., KÜÇÜKYILDIRIM B. O., KARAASLAN A.
16th International Materials Symposium IMSP'2016, Denizli, Turkey, 12 - 14 October 2016, pp.1239-1246
- XXXI. **Otomotiv Sektöründe Kullanılan Sacların Uzaktan Fiber Lazer Kaynağı İle Birleştirilmesinde Kaynak Gücü ve Hızının Nüfuziyete Etkisi**
Kocaturk B., Akdoğan Eker A., Mert T., Küçükyıldırım B. O., Karaaslan A.
16. Uluslararası Malzeme Sempozyumu (IMSP 2016), Denizli, Turkey, 12 October 2016, pp.1239-1246
- XXXII. **Microstructural Evaluation of Thixoforged A380 Alloy Billets Produced by Low Superheat Casting Process**
GÜLER K. A., KISASÖZ A., KARAASLAN A., ÖZER G.
18th International Metallurgy & Materials Congress, İstanbul, Turkey, 29 September 2016, pp.659-662
- XXXIII. **An Investigation of the Effect of Solution Heat Treatment on 475 °C Embrittlement in 1.4462 Duplex Stainless Steels**
GECÜ R., KISASÖZ A., KARAASLAN A.
18th International Metallurgy & Materials Congress, İstanbul, Turkey, 29 September 2016, pp.501-503
- XXXIV. **The Effect of Intermetallic Phases on Corrosion Behaviour of Duplex Stainless Steels**
ZORBA A. P., ÖZYILMAZ A. Ö., GECÜ R., KISASÖZ A., KARAASLAN A.

- 18th International Metallurgy & Materials Congress, İstanbul, Turkey, 29 September 2016, pp.836-839
- XXXV. **Manufacturing and Aging of 7075 Based Metal-Metal Composites by Using Sawdusts as Reinforcements**
GECÜ R., KISASÖZ A., GÜLER K. A., KARAASLAN A.
18th International Metallurgy & Materials Congress, İstanbul, Turkey, 29 September 2016, pp.114-117
- XXXVI. **Soğuk İş Takım Çeliklerinde Cr ve V İçeriğinin Malzeme Özellikleri Üzerindeki Etkisinin İncelenmesi**
Kısasöz A., KARAASLAN A.
5. Isıl İşlem Sempozyumu, 01 June 2016, pp.240-247
- XXXVII. **İnce Film Fotovoltaik Uygulamalar için Kimyasal Olarak Pürüzlendirilmiş Al Katkılı ZnO Filmlerin Özellikleri**
Mustafaoğlu Ü., Evcimen Duygulu N., Kodolbaş A. O., KARAASLAN A., Ekerim A.
01 March 2016, vol.45, pp.101-104
- XXXVIII. **Hedef Altlık Mesafesinin Alüminyum Katkılı Çinko Oksit Filmler (ZnO:Al) Üzerindeki Etkisi**
Top S., Evcimen Duygulu N., Kodolbaş A. O., KARAASLAN A.
01 March 2016, vol.45, pp.142-145
- XXXIX. **Alçı Kalıba Döküm Yöntemi İle Üretilen Aa7075-A413 Bimetal Parçanın Özellikleri**
YÜKSEL Ç., Kocabaş M., Gecü R., Erzi E., Dışpınar D., Güler K. A., Kısasöz A., Keleşoğlu E., Karaaslan A.
KompEGE, 01 November 2015, vol.1
- XL. **Wear Behavior of Aged DIN 1.4462 Duplex Stainless Steels**
Atapek H., KARAASLAN A.
International Conference of Engineering Against Failure, 01 June 2015, pp.121-128
- XLI. **Al-Si Kaplamalı Otomotiv Çeliklerinde Lazer Kaynaklı Birleştirme Uygulamaları**
Sığırtmaç T., KARAASLAN A., Kısasöz A.
01 May 2014
- XLII. **Ferritik-Östenitik Çeliklerde Sıcaklığın Mekanik Özellikler Üzerindeki Etkisinin Modellenmesi**
KISASÖZ A., KARAASLAN A.
10. Uluslararası Kırılma Konferansı, Kayseri, Turkey, 24 April 2014, pp.327-332
- XLIII. **Dubleks Paslanmaz Çeliklerde İkincil Faz Oluşumuna Sıcaklığın ve Sürenin Etkisi**
KISASÖZ A., KARAASLAN A.
4. Isıl İşlem Sempozyumu, İstanbul, Turkey, 24 October 2013, pp.22-28
- XLIV. **Production of Al₂O₃-Al Composites Using Vacuum Assisted Block Mold Investment Casting**
KISASÖZ A., GÜLER K. A., KARAASLAN A.
8th International PhD foundry Conference, Czech Republic, Brno, Czech Republic, 07 June 2011, pp.18-20
- XLV. **Lost foam casting technique applications for Al/SiC composite production**
KISASÖZ A., GÜLER K. A., KARAASLAN A.
69th World Foundry Congress 2010, WFC 2010, Hangzhou, China, 16 - 20 October 2010, vol.2, pp.573-576
- XLVI. **Metal Matrisli Kompozit Üretimi İçin SiC İçerikli Ön Şekil Üretimi**
KISASÖZ A., TANDOĞAN G., LUŞ H. M., KARAASLAN A., KUŞKONMAZ N.
3. Uluslararası Döküm ve Çevre Sempozyumu, İstanbul, Turkey, 28 January 2010, pp.162-166
- XLVII. **Otomotiv Sektöründe Kullanılan Sacların TIG ve Direnç Nokta Kaynağı İle Birleştirilmesi. Bildiriler Kitabı**
KISASÖZ A., YEŞİLDAL C., KARAASLAN A.
Kaynak Teknolojisi VII. Ulusal Kongre ve Sergisi, Ankara, Turkey, 13 November 2009, pp.183-192
- XLVIII. **Otomotiv Sektöründe Kullanılan Sacların TIG ve Direnç Nokta Kaynağı İle Birleştirilmesi**
KARAASLAN A.
Kaynak Teknolojisi VII. Ulusal Kongre ve Sergisi, Ankara, 01 November 2009
- XLIX. **Processing and Microstructural Characterisation of AA 1070 and AA 6063 Matrix B4Cp Reinforced Composites**
Toptan F., KILIÇARSLAN A., KARAASLAN A., ÇİĞDEM M., KERTİ İ.
International Conference on Materials for Advanced Technologies, 28 June - 03 July 2009, pp.15
- L. **The Influence of Carbide Distribution on The Properties of Hot Work Tool Steels**

- AKÇA C., KARAASLAN A.
18th International Conference Metallurgy and Materials, Hradec Nad Moravicí, Czech Republic, 19 May 2009, no.30
- LI. **The Effects of Nitriding Time-Temperature and Composition of Gas Mixture on The Mechanical Properties of Indexable Inserts**
AKÇA C., KARAASLAN A.
18th International Conference Metallurgy and Materials, Hradec Nad Moravicí, Czech Republic, 19 May 2009
- LII. **Ti İlavesi ile Üretilen Al-B4C kompozitlerinde Matris/Takviye Arayüzeyinin Mikroyapısal Karakterizasyonu**
TOPTAN F., KILIÇARSLAN A., KARAASLAN A., KERTİ I.
5th International Advanced Technologies Symposium (IATS'xx09), 13 - 15 May 2009, pp.1016-1020
- LIII. **Yüksek Basıncılı Kalıp Dökümde Kovan Ömrünü Sınırlandıran Faktörler ve Yeni Nesil Çözümler**
KARAASLAN A.
4. Alüminyum Sempozyumu, İstanbul, 01 May 2009
- LIV. **Viraj Askı Rot Kollarının TIG Yöntemi İle Kaynaklanabilirliğinin İncelenmesi**
KARAASLAN A.
5. Uluslararası İleri Teknolojiler Sempozyumu (IATS'09), 01 May 2009
- LV. **Al-B4C Kompozitlerinin Döküm Yolu ile Üretiminde Takviye Partikül İlavrısı Koşullarının Optimizasyonu**
TOPTAN F., KILIÇARSLAN A., KARAASLAN A., ÇİĞDEM M., KERTİ I.
14th International Metallurgy Materials Congress, Turkey, 16 - 18 November 2008, pp.1589-1595
- LVI. **Elektrik Direnç Kaynak Yöntemi İle Birleştirilen 21 NiCrMo 3 Zincir çeliğine Uygulanan Akım Miktarının ve Tespit Basıncının Mekanik Özellikler ve Mikroyapı Üzerine Etkisi**
KARAASLAN A.
12th International Materials Syposium, Denizli, 01 October 2008
- LVII. **Laser Kaynağı İle Viraj Askı Rot Kollarının Birleştirilmesi**
KARAASLAN A.
12th International Materials Syposium, Denizli, 01 October 2008
- LVIII. **High Temperature Examination of Laser-Welded Titanium Alloy**
AKÇA C., KARAASLAN A.
V. Congress of Metallurgists of Macedonia with International Participation, Ohrid, Macedonia, 17 September 2008
- LIX. **The Effect of Normalizing Parameters on the Phase Morphology and the Mechanical Properties in Armor Steel**
AKÇA C., KARAASLAN A.
17th International Conference Metallurgy and Materials, Hradec Nad Moravicí, Czech Republic, 17 September 2008, no.224
- LX. **The Effect of Amount of Magnesium on The Precipitation Hardening Mechanism of AA-7075 Alloy**
AKÇA C., KARAASLAN A.
V. Congress of Metallurgists of Macedonia with International Participation, Ohrid, Macedonia, 17 September 2008
- LXI. **Influence of Austempering Time on the Morphology of Heat Affected Zone in Welding of Upper Bainitic Unalloyed Austempered Ductile Iron**
AKÇA C., KARAASLAN A.
17th International Conference Metallurgy and Materials, Hradec Nad Moravicí, Czech Republic, 13 May 2008, no.225
- LXII. **Experimentally investigation of polyurethane materials used as dust boot in tie rod ends**
KARAASLAN A.
11th International Research/Expert Conference, Trends in the Development of Machinery and Associated Technology, TMT 2007, Hammamet, Tunisia, 01 September 2007
- LXIII. **Investigation of the stiuation of tie rod ends failing prematurely due to dust boot failure with soft PVC and neoprene**
KARAASLAN A.
11th International Research/Expert Conference, Trends in the Development of Machinery and Associated

Technology, TMT 2007, Hammamet, Tunisia, 01 September 2007

- LXIV. **Formability characteristics of industrial pure aluminum AA 1235 and aluminum alloy AA 3003 at casting and room temperatures**
KARAASLAN A.
10th National Conference of Metallurgy in Varna with International Participation, Bulgaria, 01 May 2007
- LXV. **Modification of cast high speed tool steel with niobium additions and its effect on the heat treatment response**
KARAASLAN A.
15th IFHTSE (International Federation for Heat Treatment and Surface Modification Technologies Congress), ASMET, Vienna-Austria, 01 September 2006
- LXVI. **Al₂O₃ ve SiC Takviyeli Alüminyum Matrisli Kompozitlerin Mekanik Davranışları**
KARAASLAN A.
6. Uluslararası Kırılma Konferansı, Selçuk Üniversitesi, Konya, 01 September 2003
- LXVII. **S-6-5-2 İle 4140 Çeliğinin Yakma Alın Kaynağı Yöntemi İle Birleştirilmesi**
KARAASLAN A.
Kaynak Teknolojisi III. Ulusal Kongresi, 01 September 2001
- LXVIII. **Laser Işını İle Birleştirilmiş Farklı Malzemelerin Kaynak Dikişlerinde Sertlik Değişimleri**
KARAASLAN A.
MAMTEK, II. Makine Malzemesi ve İmalat Teknolojisi Sempozyumu, Manisa, 01 August 2001
- LXIX. **Sert Lehimleme ve Endüstriyel Uygulamaları**
KARAASLAN A.
MAMTEK 2001, II. Makine Malzemesi ve İmalat Teknolojisi Sempozyumu, Celal Bayar Üniversitesi, Manisa, 01 August 2001
- LXX. **Examining the Changes of Hardness and Fracture Toughness of Different Materials Joined by Laser Beam**
KARAASLAN A.
Proceedings of 5. International Symposium on Measurement Technology and Intelligent Instruments, Cairo, Egypt, 01 July 2001
- LXXI. **Nikel Esaslı Malzeme İle Krom Çeliğinin Kaynağında Oluşan Sıcak Yırtılmalar**
KARAASLAN A.
4. Ulusal Kırılma Konferansı, 01 July 1999
- LXXII. **Fotoelastik Yöntemlerle K1 Gerilim Şiddet Faktörlerinin Deneysel Belirlenmesi**
KARAASLAN A.
4. Ulusal Kırılma Konferansı, İstanbul, 01 July 1999
- LXXIII. **Laserschweißen von Kaltarbeitstahl mit Baustahl**
KARAASLAN A.
Verbundwerkstoffe und Werkstoffverbunde, Deutschland, Hamburg, 01 June 1999
- LXXIV. **Primaerkristallisation beim Laserschweißen von Chromstahl mit Stahlguss mit und ohne Zusatzstoff**
KARAASLAN A.
Metallographietagung, Avusturya, 01 May 1999
- LXXV. **Laser İle Kaynak Edilebilirliğin Yapı Çeliğinde Araştırılması**
KARAASLAN A.
2. Uluslararası Kaynak Teknolojisi Sempozyumu, 01 June 1998
- LXXVI. **Laser Beam Weldability of the Material Combination Nodular Cast Iron-Case Hardening Steel**
KARAASLAN A.
9. Proceedings of the Metallurgy and Materials Congress, 01 September 1997, vol.2, pp.634
- LXXVII. **Laser Welding of Structural Components Made of Dissimilar Materials**
KARAASLAN A.
Trends in Welding Research, Atlanta-U.S.A., 01 March 1997
- LXXVIII. **Laserschweißen von Gußeisen GGG 40/50/60 mit Einsatzstahl 16 MnCr 5 unter Verwendung von Zusatzmaterial**

KARAASLAN A.

4. Studententag des Hüttenwesens, Deutschland, 01 April 1996

Supported Projects

KARAASLAN A., TUBITAK Project, Milli Entegre Taktik Tekerlekli Araç, 2018 - Continues

KARAASLAN A., TUBITAK Project, Otomotiv Sektöründe Enerji Verimliliği Yüksek Laser Nokta Kaynağı Prosesinin Geliştirilmesi, 2018 - Continues

KARAASLAN A., TUBITAK Project, Otomotiv Sektöründe Çelik İle Alüminyum Sac Malzemelerin Birleştirilmesinde Sürtünme Karıştırma Kaynağı ve Laser Kaynağının Kullanımının Geliştirilmesi, 2018 - Continues

Karaaslan A., Kısasöz A., TUBITAK Project, Dupleks Paslanmaz Çeliklerde Sigma Fazı Oluşumunu Ortaya Koyan Johnson Mehl Avrami Kolmogorov Eşitliğinin Geliştirilmesi, 2019 - 2021

KARAASLAN A., ÖZTÜRK K., Project Supported by Higher Education Institutions, Alüminyum Matrisli Melez Takviyeli Kompozit Üretimi ve Karakterizasyonu, 2018 - 2020

KARAASLAN A., GECÜ R., Project Supported by Higher Education Institutions, Bimetal Kompozitlerin Metal Talaşlarıyla Üretimi ve Karakterizasyonu, 2017 - 2019

KISASÖZ A., ACAR S., GECÜ R., KARAASLAN A., GÜLER K. A., Project Supported by Higher Education Institutions, Isıya Dayanıklı 2.4879 Alaşımının Yüksek Sıcaklık Uygulamalarındaki Özellik Değişimlerinin Belirlenmesi, 2017 - 2019

KARAASLAN A., ACAR S., GECÜ R., KISASÖZ A., GÜLER K. A., Project Supported by Higher Education Institutions, Geri Dönüştürülebilir Metal Takviyeler Kullanılarak Üretilen Alüminyum Matrisli Metal-Metal Kompozitlerin Aşınma Özelliklerinin Belirlenmesi, 2017 - 2019

KARAASLAN A., ACAR S., KISASÖZ A., GECÜ R., GÜLER K. A., Project Supported by Higher Education Institutions, Çift Fazlı Paslanmaz Çelikte Ferrit-Östenit Faz Dengesinin 475 °C Kırılma Noktası Üzerindeki Etkisinin İncelenmesi, 2017 - 2019

KARAASLAN A., TUBITAK Project, İkiz Merdaneli Sürekli Döküm Yöntemiyle Üretilen Alüminyum Alaşımının Farklı Termomekanik Proseslere Bağlı Olarak Elektrik İletkenliğinin Değişiminin İncelenmesi ve Sayısal Olarak Modellenmesi, 2017 - 2018

DUYGULU N., EKERİM A., KARAASLAN A., TUBITAK Project, Sıçratma Yöntemiyle Üretilen, Pürüzlendirilmiş Çinko Oksit Cam Kaplamalara Katkı Elementlerinin Etkisinin İncelenmesi ve Fotovoltaik Uygulamalarının Geliştirilmesi, 2017 - 2017

KARAASLAN A., Project Supported by Higher Education Institutions, AA7075 Alüminyum Alaşımında Yaşlandırma ve RRA İşlemleri ile Özelliklerin Değişimlerinin İncelenmesi, 2016 - 2017

GÜLER K. A., KISASÖZ A., KARAASLAN A., Project Supported by Higher Education Institutions, Alüminyum Alaşımaları İçin Düşük Üst Isılı Dökümle Bağlantılı Yarı-Katı Dövme Yönteminin Araştırılması, 2015 - 2017

ÇİÇEK B., KARAASLAN A., TUBITAK Project, Atıkların Kullanımı İle Metal-Cam Seramik Kompozit Sırların Geliştirilmesi, 2015 - 2016

KARAASLAN A., KISASÖZ A., Project Supported by Higher Education Institutions, Savunma Sanayiinde Kullanılan Dupleks Paslanmaz Çeliğin Kaynağında Isıl Girdilerin Modellenmesi ve Deneysel Verilerin Eldesi, 2013 - 2016

KARAASLAN A., Other International Funding Programs, Savunma Sanayiinde Kullanılan Dupleks Paslanmaz Çeliğin Kaynağında Isıl Girdilerin Modellenmesi ve Deneysel Verilerin Eldesi, 2013-07-2-DOP01, 2013 - 2016

KARAASLAN A., KISASÖZ A., Project Supported by Higher Education Institutions, Dupleks Paslanmaz Çelikteki Sigma ve Chi Fazlarının Oluşum Mekanizmalarının Farklı Isıl İşlem Parametreleri ile Saptanması, 2014 - 2015

KARAASLAN A., KISASÖZ A., Project Supported by Higher Education Institutions, Dupleks Paslanmaz Çeliklerin Isıl İşleminde Isıl Girdilerin Modellenmesi, 2013 - 2015

KARAASLAN A., TUBITAK Project, Araç Yakıt Deposunun Alt ve Üst Saclarının Laser Kaynak İle Birleştirilmesi, 2013 - 2015

KARAASLAN A., KISASÖZ A., Project Supported by Higher Education Institutions, Dupleks Paslanmaz Çeliklerde Oluşan σ ve χ Fazlarının Etkilerinin Isıl Yöntemler ile Giderilmesi, 2012 - 2015

KARAASLAN A., Deniz Araçları İçin Pervane, 2012 - 2014

KARAASLAN A., TUBITAK Project, Tek Fazlı İnverter Ark Kaynak Makinalarında Kaynak Algoritmalarının Geliştirilmesi, 2012 - 2013

Karaaslan A., Kerti I., Çiğdem M., TUBITAK Project, Aşınmaya Dirençli Alüminyum Matrisli B4C Takviyeli (min %15) Hafif

Kompozit Malzemelerin Geliştirilmesi, 2007 - 2011

KARAASLAN A., Other International Funding Programs, Sıkıştırılmalı Döküm Yöntemi İle Al Matrisli Hibrid Takviyeli Kompozit Üretimi ve Karakterizasyonu, 2007 - 2009

KARAASLAN A., Project Supported by Higher Education Institutions, Kalıp malzemesi olarak kullanılan Al-7075 alaşımının döküm kusurlarının sıcak şekillendirme ile giderilmesi, 2004 - 2005

KARAASLAN A., Askeri Fabrikada Üretilen Taşıtlarda Ekonomik Malzeme Seçimi, 2002 - 2004

KARAASLAN A., Other International Funding Programs, Termo-Reaktif Difüzyon Yöntemi İle Çelik Yüzeylerine Karbür Kaplama, 2002 - 2004

KARAASLAN A., Other International Funding Programs, Materialauswahl und Laserschweißgeeignet für das Getriebe, 1997 - 1999

KARAASLAN A., Other International Funding Programs, Materialauswahl und Laserschweißgeeignet für die Gasmotoren, 1997 - 1998

KARAASLAN A., Other International Funding Programs, Laserschweißenvon Gußeisen mit Konstruktionswerkstoffe, 1994 - 1997

KARAASLAN A., Other International Funding Programs, Gaz Enjeksiyon Sistemi ile Alüminyum Matrisli Kompozit Malzeme Üretimi, 1994 - 1996

KARAASLAN A., Other International Funding Programs, Kupol Curuflarından Aşındırıcı Malzeme Üretimi, APK Projesi (Y.T.Ü.), Proje Araştırma Elemanı, 1993-1994., 1993 - 1994

Activities in Scientific Journals

Journal of Engineering, Editor, 2016 - Continues

Scientific Refereeing

Uluslararası Kırılma Konferansı, SCI Journal, Continues

Uluslararası Kaynak Teknolojileri Konferansı ve Sergisi, SCI Journal, May 2014

Isıl İşlemler Sempozyumu, National Scientific Refreed Journal, November 2013

Metrics

Publication: 175

Citation (WoS): 386

Citation (Scopus): 655

H-Index (WoS): 11

H-Index (Scopus): 14

Congress and Symposium Activities

Isıl İşlemler, Session Moderator, İstanbul, Turkey, 2016

Non Academic Experience

Yıldız Teknik Üniversitesi