

## Assoc. Prof. Alptekin KISASÖZ

### Personal Information

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### Education Information

Doctorate, Yildiz Technical University, Kimya Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği, Turkey 2010 - 2015

Postgraduate, Yildiz Technical University, Kimya Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği, Turkey 2008 - 2010

Undergraduate, Yildiz Technical University, Kimya Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği, Turkey 2003 - 2008

### Dissertations

Doctorate, Dupleks Paslanmaz Çeliklerin Kaynağında Isıl Girdilerin Modellenmesi ve Deneysel Verilerin Eldesi, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Metalurji Ve Malzeme Mühendisliği, 2015

Postgraduate, Sıcak İş Takım Çeliklerinin Elastikliğine Isıl İşlemlerin Etkisi, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Metalurji Ve Malzeme Mühendisliği, 2010

### Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Engineering and Technology

### Academic Titles / Tasks

Associate Professor, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, 2022 - Continues

### Academic and Administrative Experience

Deputy Head of Department, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, 2019 - 2020

### Advising Theses

Kıyasöz A., NiCrBSi Esaslı Termal Sprey Kaplamaların Farklı Yöntemlerle Üretilmesi ve Karakterizasyonu, Postgraduate, G.İşık(Student), Continues

Yüksel Ç., Kıyasöz A., Elektrokaplama yöntemi ile 316L paslanmaz çelik üzerine Rh ve Ag film kaplamaların korozyon

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The role of heat treatments on wear behaviour of 316L stainless steel produced by additive manufacturing**  
Özer G., KISASÖZ A.  
Materials Letters, vol.327, 2022 (Peer-Reviewed Journal)
- II. **A study on high temperature dry sliding wear of AA7050-T4 and effects of the test temperature on microstructure, corrosion behavior, hardness and electrical conductivity**  
EROL M., Kisasoz A., Yaman P., KARABEYOĞLU S. S. , BARUT U.  
MATERIALS TODAY COMMUNICATIONS, vol.31, 2022 (Peer-Reviewed Journal)
- III. **Effect of heat treatments on the microstructure and wear behaviour of a selective laser melted maraging steel**  
Ozer G., Khan H. M. , Tarakci G., Yilmaz M. S. , Yaman P., Karabeyoglu S. S. , Kisasoz A.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E-JOURNAL OF PROCESS MECHANICAL ENGINEERING, 2022 (Peer-Reviewed Journal)
- IV. **Microstructure, mechanical and corrosion properties of nickel superalloy weld metal**  
Kisasoz A., TÜMER M., KARAASLAN A.  
MATERIALS TESTING, vol.63, no.10, pp.895-900, 2021 (Peer-Reviewed Journal)
- V. **Microstructure, Mechanical and Corrosion Properties of UNS 32205 Duplex Stainless Steel Weldment Joints by Multipass FCAW**  
Kisasoz A., Tumer M., Karaaslan A.  
PRAKTISCHE METALLOGRAPHIE-PRACTICAL METALLOGRAPHY, vol.58, no.6, pp.332-353, 2021 (Peer-Reviewed Journal)
- VI. **Influence of the phase balance and cooling conditions on the microstructure and corrosion behavior of solution-treated 1.4462 duplex stainless steel**  
Yalçın G., Özer G., Kisasöz A., Karaaslan A.  
MATERIALS RESEARCH EXPRESS, vol.6, no.12, 2019 (Journal Indexed in SCI)
- VII. **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 (Peer-Reviewed Journal)
- VIII. **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 (Peer-Reviewed Journal)
- IX. **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 (Peer-Reviewed Journal)
- X. **Influence of solution treatment on microstructure, corrosion resistance, and oxidation behavior of cast G-NiCr28W alloy**  
KISASÖZ A.  
CHINA FOUNDRY, vol.16, no.1, pp.63-70, 2019 (Peer-Reviewed Journal)
- XI. **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 (Journal Indexed in SCI)

- XII. **Investigation of carbon contamination in lost foam castings of low carbon steel**  
KILIÇ Ö., ACAR S., KISASÖZ A., GÜLER K. A.  
CHINA FOUNDRY, vol.15, no.5, pp.384-389, 2018 (Journal Indexed in SCI)
- XIII. **Corrosion behavior of alloy AA6063-T4 in HCl and NaOH solutions**  
KISASÖZ A.  
MATERIALS TESTING, vol.60, no.5, pp.478-482, 2018 (Journal Indexed in SCI)
- XIV. **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 (Peer-Reviewed Journal)
- XV. **Characterization of Mechanical Properties and Corrosion Behaviours of Mn and Al Bronze Castings**  
Turker M., ACAR S., CÖMERT Z. Y. , KISASÖZ A., GÜLER K. A.  
PRAKTISCHE METALLOGRAPHIE-PRACTICAL METALLOGRAPHY, vol.55, no.1, pp.5-18, 2018 (Journal Indexed in SCI)
- XVI. **Characterization of mechanical properties and corrosion behaviours of Mn and Al Bronze Castings**  
**Charakterisierung der mechanischen Eigenschaften und des Korrosionsverhaltens von Gussteilen aus Mn-und Al-Bronze**  
Türker M., ACAR S., CÖMERT Z. Y. , KISASÖZ A., GÜLER K. A.  
Praktische Metallographie/Practical Metallography, vol.55, no.1, pp.5-18, 2018 (Peer-Reviewed Journal)
- XVII. **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 (Journal Indexed in SCI)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **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 (Journal Indexed in SCI)
- XX. **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 (Peer-Reviewed Journal)
- XXI. **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 (Journal Indexed in SCI)
- XXII. **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 (Journal Indexed in SCI)
- XXIII. **Experimental Research on Properties of Naval Brass Castings**  
Turker M., CÖMERT Z. Y. , KISASÖZ A., GÜLER K. A.  
PRAKTISCHE METALLOGRAPHIE-PRACTICAL METALLOGRAPHY, vol.53, no.1, pp.24-35, 2016 (Journal Indexed in SCI)
- XXIV. **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 (Journal Indexed in SCI)
- XXV. **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 (Peer-Reviewed Journal)
- XXVI. **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 (Journal Indexed in SCI)
- XXVII. **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 (Peer-Reviewed Journal)
- XXVIII. **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 (Journal Indexed in SCI)
- XXIX. **Finite Element Analysis of 2205 Duplex Stainless Steel Welds**  
KISASÖZ A., KARAASLAN A.  
MATERIALS TESTING, vol.56, no.10, pp.795-799, 2014 (Peer-Reviewed Journal)
- XXX. **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 (Journal Indexed in SCI)
- XXXI. **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 (Journal Indexed in SCI)
- XXXII. **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 (Journal Indexed in SCI)
- XXXIII. **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 (Journal Indexed in SCI)
- XXXIV. **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 (Journal Indexed in SCI)
- XXXV. **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 (Peer-Reviewed Journal)
- XXXVI. **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 (Peer-Reviewed Journal)
- XXXVII. **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 (Journal Indexed in SCI)
- XXXVIII. **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 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Effect of Waste Titanium Chips Addition Into the Aluminum Alloys on Their Microstructure**  
Ozer G., ACAR S., Kisasoz A., GÜLER K. A.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.34, no.4, pp.1096-1105, 2021 (Peer-Reviewed Journal)
- II. **Alüminyum Alaşımının H<sub>2</sub>SO<sub>4</sub> Ortamındaki Korozyon Davranışına Yaşlandırma Süresinin Etkisi**  
KISASÖZ A.  
ENGINEERING SCIENCES, vol.7, no.2, pp.979-985, 2018 (Peer-Reviewed Journal)
- III. **AA6063 Alüminyum Alaşımının H<sub>2</sub>SO<sub>4</sub> Ortamındaki Korozyon Davranışına Yaşlandırma Süresinin Etkisi**  
KISASÖZ A.  
ÖMER HALİSDEMİR ÜNİVERSİTESİ MÜHENDİSLİK BİLİMLERİ DERGİSİ, vol.7, pp.979-985, 2018 (National Refreed University Journal)
- IV. **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 (Peer-Reviewed Journal)
- V. **Dubleks Paslanmaz Çeliklerde Oluşan Yüksek Sıcaklık Fazlarına Genel Bir Bakış**  
KISASÖZ A., KARAASLAN A.  
Metalurji, vol.7, no.162, pp.57-61, 2012 (National Non-Refereed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Corrosion Behaviour of A356/TiB<sub>2</sub> In-Situ Composites**  
KISASÖZ A. A. , KISASÖZ A., GÜLER K. A.  
10th International Aluminium Symposium, İstanbul, Turkey, 3 - 04 March 2022, pp.432-434
- II. **Production of Graphene Reinforced Aluminium Metal Matrix Composite (GRAMCs) Via Stir Casting**  
SAPMAZ İ., KISASÖZ A., YÜKSEL Ç.  
10th International Aluminium Symposium, İstanbul, İstanbul, Turkey, 3 - 04 March 2022, pp.480-482
- III. **The Effect of Homogenization Treatment on the Microstructure of Secondary AA6063 Aluminium Billets**  
SAYDAM F., DİZDAR K. C. , KISASÖZ A., YÜKSEL Ç.  
10th International Aluminium Symposium, İstanbul, Turkey, 3 - 04 March 2022, pp.299-301
- IV. **Effect of Heat Treatment on the Electrical Conductivity of the CuAl<sub>5</sub>Zn<sub>5</sub>Sn<sub>1</sub>**  
IŞIK R. G. , YÜKSEL Ç., KISASÖZ A., BATMAZ Y. O. , YILMAZ S. O.  
3th International Applied Sciences Congress, İzmir, Turkey, 16 October 2021, pp.36-40
- V. **Effect of Heat Treatment on the Electric Conductivity and Hardness Properties of the Cold-Rolled CuAl<sub>6</sub>Ni<sub>2</sub>**  
IŞIK R. G. , EKER H., EROL M., KISASÖZ A., YÜKSEL Ç., BATMAZ Y. O. , YILMAZ S. O.  
2nd International Congress on Engineering Sciences and Multidisciplinary Approaches, İstanbul, Turkey, 18 September 2021, pp.149-154
- VI. **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
- VII. **A Preliminary Study on TiO<sub>2</sub> Coating Deposited on the AISI 2205 by High Energy Ball Milling**  
ACAR S., BİROL B., KISASÖZ A.  
20th International Metallurgy and Materials Congress, İstanbul, Turkey, 10 - 12 June 2021, pp.515-518
- VIII. **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

- IX. **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
- X. **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
- XI. **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
- 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. **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
- 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. **A Kinetic Study for Artificially Aged AA6060 Alloy**  
KISASÖZ A.  
1st International Symposium on Light Alloys and Composite Materials, Karabük, Turkey, 22 March 2018, pp.265
- 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. **Investigating the Corrosion Behaviour of AA6060 Alloy in NaOH-Na<sub>2</sub>SiO<sub>3</sub> Solution**  
KISASÖZ A.  
2. International Conference on Engineering Technology and Innovation (ICETI), Budapeşte, Hungary, 07 March 2018, pp.46-50
- 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. **A356 Matrisli TiB<sub>2</sub> Takviyeli İn-Situ Kompozit Üretimi**  
Kısasöz A. A. , KISASÖZ A., GÜLER K. A.  
8. Alüminyum Sempozyumu, İstanbul, Turkey, 05 October 2017, pp.290-293
- XXI. **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
- XXII. **Determining the Corrosion Behaviour of EN 1.4462 Duplex Stainless Steel in FeCl<sub>3</sub> Media for Various Solution Treatment Conditions**  
KISASÖZ A., KARAASLAN A.  
3rd International Iron & Steel Symposium, Karabük, Turkey, 03 April 2017, pp.201-203
- 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. **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
- XXV. **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
- 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. **Corrosion, Mechanical and Microstructural Characteristics of Modified Navy G Bronze Casts**  
TURKER M., ACAR S., CÖMERT Z. Y. , KISASÖZ A., GÜLER K. A.  
International Conference on Engineering Technology and Innovation, Sarajevo, Bosnia And Herzegovina, 22 March 2017, pp.303-305
- XXVIII. **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
- XXIX. **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
- XXX. **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
- XXXI. **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
- XXXII. **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
- XXXIII. **Çift Fazlı Paslanmaz Çeliklerde Yaşlandırma Koşullarının Mikroyapı Özellikleri Üzerindeki Etkisinin İncelenmesi**  
Kısasöz A.  
5. Isıl İşlem Sempozyumu, 01 June 2016, pp.175-182
- XXXIV. **Effect of Heat Input on Weld Microstructure in TIG Welding of Duplex Stainless Steels**  
Kısasöz A.  
4th International Conference on Welding Technologies and Exhibition, 01 May 2016, pp.645-649
- XXXV. **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
- XXXVI. **Lost Foam Casting with EPS Patterns in Different Densities**  
KARA S., GÜLER K. A. , KISASÖZ A.  
International Conference on Advances in Mechanical Engineering (ICAME'15), İstanbul, Turkey, 13 May 2015, pp.1133-1136

- XXXVII. **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
- XXXVIII. **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
- XXXIX. **Production of Al<sub>2</sub>O<sub>3</sub>-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
- XL. **Aluminum Matrix Composite Fabrication by Infiltration of SiC Preforms Using Squeeze Casting Technique**  
Özer G., Kısasöz A., Güler K. A.  
8th International PhD Foundry Conference, Czech Republic, 01 May 2011, vol.1, pp.1-9
- XLI. **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
- XLII. **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
- XLIII. **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

## Supported Projects

Karaaslan A., Kısasöz A., TUBITAK Project, Dupleks Paslanmaz Çeliklerde Sigma Fazı Oluşumunu Ortaya Koyan Johnson Mehl Avrami Kolmogorov Eşitliğinin Geliştirilmesi, 2018 - 2021

KISASÖZ A., ACAR S., GECÜ R., KARAASLAN A., GÜLER K. A. , Project Supported by Higher Education Institutions, Isıya Dayanlı 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 Üzerindeki Etkisinin İncelenmesi, 2017 - 2019

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

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., 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., KISASÖZ A., Project Supported by Higher Education Institutions, Dupleks Paslanmaz Çeliklerde Oluşan &#963; ve &#967; Fazlarının Etkilerinin Isıl Yöntemler ile Giderilmesi, 2012 - 2015

## Scientific Refereeing

MATERIALS RESEARCH EXPRESS, SCI Journal, December 2019



Kocaeli Üniversitesi Fen Bilimleri Dergisi, Other Journals, December 2019  
JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, November 2019  
MATERIALS RESEARCH EXPRESS, Journal Indexed in SCI-E, November 2019  
JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, SCI Journal, September 2019  
MATERIALS SCIENCE, Journal Indexed in SCI-E, January 2019  
HIGH TEMPERATURE MATERIALS AND PROCESSES, Journal Indexed in SCI-E, December 2018  
MATERIALS SCIENCE, Journal Indexed in SCI-E, January 2018  
Mühendislik Bilimleri ve Tasarım Dergisi, National Scientific Refreed Journal, March 2016  
MATERIALS & DESIGN, Journal Indexed in SCI-E, September 2015

## **Metrics**

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H-Index (Scopus): 6