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Education Information

Doctorate, Yıldız Technical University, Kimya Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey
2005 - 2012

Postgraduate, Yıldız Technical University, Kimya Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği, Turkey 2003 - 2005

Undergraduate, Yıldız Technical University, Kimya Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği, Turkey 1999 - 2003

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Hassas dökümde boyutsal hassasiyete ve yüzey kalitesine etki eden unsurlar, Yıldız Teknik Üniversitesi, Kimya Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü / Malzeme A.B.D., 2012

Postgraduate, Dereceli hassas döküm kaliplarında segregasyon oluşumunun incelenmesi, Yıldız Teknik Üniversitesi, Kimya Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü / Malzeme A.B.D., 2005

Research Areas

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

Academic Titles / Tasks

Associate Professor, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, 2016 - Continues

Courses

Katılışma Süreçleri, Doctorate, 2021 - 2022
Casting Technology, Undergraduate, 2021 - 2022
Surface Technologies, Undergraduate, 2021 - 2022
Özel Döküm Yöntemleri, Postgraduate, 2021 - 2022
Automotive Materials, Undergraduate, 2021 - 2022
Solidification Principles, Undergraduate, 2021 - 2022

Advising Theses

Güler K. A., Eğimli Soğutucu ile Dökümde Titreşim Etkisinin İncelenmesi, Postgraduate, B.GÜNEŞ(Student), 2024
Güler K. A., Alüminyum Alaşımlarının Dökümünde Uygulanan Dinamik Uyarıların Yapay Yaşlanmaya Etkileri, Postgraduate, Y.TALHA(Student), 2024
Güler K. A., Özbay Kısasöz B., The Effect of Core Material on Mechanical Behavior in Sandwich Composite Propeller Blades, Postgraduate, G.CANBAY(Student), 2023
Güler K. A., Production and Semi-Solid Forming of Aluminium Matrix In Situ Composites, Postgraduate, T.ÖZKAN(Student), 2023
Güler K. A., Effect of Aging Parameters of 6xxx Series Aluminium Wrought Alloys on Corrosion Behavior, Postgraduate, M.DOĞAN(Student), 2023
Güler K. A., Alüminyum Dövme Alaşımının Eğimli Soğutucu ile Dökümü, Yarı-katı Şekillendirilmesi ve Karakterizasyonu, Doctorate, S.ACAR(Student), 2023
Güler K. A., Özer G., Vakum infiltrasyon yöntemiyle alüminyum matrisli hibrit kompozit üretimi, Postgraduate, D.BİRSEN(Student), 2022
Güler K. A., 3005 Alüminyum Alaşımı Levhaların Derin Çekilme Kabiliyetinin Araştırılması, Postgraduate, Y.ÖZÇETİN(Student), 2022
Güler K. A., KAYBOLAN KÖPÜK YÖNTEMİYLE ALÜMİNYUM DÖKÜMLERİ İÇİNHIZLI SOĞUTMA İŞLEMİNİN GELİŞTİRİLMESİ, Postgraduate, İ.TÜTÜK(Student), 2022
Güler K. A., Alüminyum合金larının dökümünde yörüngeisel çalkalamanın mikroyapı ve mekanik özelliklere etkisi, Postgraduate, Ö.KILIÇ(Student), 2020
Güler K. A., Production and characterisation of aluminium matrix titaniumdiboride reinforced in situ composites, Postgraduate, A.AYÇA(Student), 2018
Güler K. A., Cooling slope casting and thixoforming of A356 and A380 aluminium alloys, Postgraduate, N.AÇIÇI(Student), 2018
Güler K. A., Effect of pattern density on the porosity of aluminium lost foam castings, Postgraduate, S.KARA(Student), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Microstructural, hardness, and wear properties of Mg₂Si-reinforced Al matrix in-situ composites produced by low superheat casting**
Ozkan T., Tutuk I., ACAR S., GECÜ R., GÜLER K. A.
Materials Today Communications, vol.38, 2024 (SCI-Expanded)
- II. **The Application of the Direct Water Cooling Process on the Lost-Foam Casting Technique to Improve Microstructural and Mechanical Properties of A356 Alloy**
Tutuk I., ACAR S., GÜLER K. A.
International Journal of Metalcasting, vol.17, no.3, pp.2324-2337, 2023 (SCI-Expanded)
- III. **Microstructure and wear characteristics of hybrid reinforced (ex-situ SiC-in-situ Mg₂Si) Al matrix composites produced by vacuum infiltration method**
Birsen D., Tütük İ., Acar S., Karabeyoğlu S. S., Özer G., Güler K. A.
MATERIALS CHEMISTRY AND PHYSICS, vol.302, pp.127743, 2023 (SCI-Expanded)

- IV. **A THOROUGH STUDY ON THIXOFORMABILITY OF THE COOLING SLOPE CAST 7075 FEEDSTOCKS: STEP-BY-STEP OPTIMIZATION OF THE FEEDSTOCK PRODUCTION AND THIXOFORMING PROCESSES**
Acar S., Güler K. A.
INTERNATIONAL JOURNAL OF METALCASTING, vol.17, no.2, pp.717-739, 2023 (SCI-Expanded)
- V. **A Preliminary Study Upon the Applicability of the Direct Water Cooling with the Lost Foam Casting Process**
ACAR S., GÜLER K. A.
INTERNATIONAL JOURNAL OF METALCASTING, vol.15, no.1, pp.88-97, 2021 (SCI-Expanded)
- VI. **Producing non-dendritic A356 and A380 feedstocks: Evaluation of the effects of cooling slope casting parameters**
ACAR S., GÜLER K. A.
MATERIALS TESTING, vol.62, no.11, pp.1147-1152, 2020 (SCI-Expanded)
- VII. **Investigation of the surface quality and dimensional accuracy of polymer patterns produced by selective laser sintering (SLS) method for investment casting (IC)**
Özer G., Özbay B., Öter Z. Ç., Tarakçı G., Yılmaz M. S., Bulduk M. E., Koç E., Acar S., Güler K. A.
International Journal Of Cast Metals Research, vol.25, no.3, pp.146-152, 2020 (SCI-Expanded)
- VIII. **Evaluation of the reheating behavior of the cooling slope cast A356 and A380 aluminum alloys**
Acar S., Açıci N., Güler K. 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., Kısasöz A., Ozer G., Karaaslan A.
TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA, vol.29, pp.2237-2244, 2019 (SCI-Expanded)
- X. **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)
- XI. **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 (SCI-Expanded)
- XII. **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)
- XIII. **The development of an expansive type special cement bonded investment powder for castings of non ferrous metals and alloys**
Kutbay I., GÜLER K. A., ÇİĞDEM M.
INTERNATIONAL JOURNAL OF CAST METALS RESEARCH, vol.31, no.4, pp.237-248, 2018 (SCI-Expanded)
- XIV. **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 (SCI-Expanded)
- XV. **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)
- XVI. **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)
- XVII. **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)

- XVIII. **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)
- XIX. **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 (SCI-Expanded)
- XX. **Solid mold investment casting - A replication process for open-cell foam metal production**
GÜLER K. A.
MATERIALS TESTING, vol.57, no.9, pp.795-798, 2015 (SCI-Expanded)
- XXI. **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)
- XXII. **Wear properties of squeeze cast in situ Mg₂Si-A380 alloy**
LUŞ H. M., Özer G., Güler K. A., Erzi E., Dışpınar D.
INTERNATIONAL JOURNAL OF CAST METALS RESEARCH, vol.28, no.1, pp.59-64, 2015 (SCI-Expanded)
- XXIII. **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)
- XXIV. **Investigation of lost foam casted aluminum bimetal microstructures**
GÜLER K. A., KISASÖZ A., KARAASLAN A.
Materialprüfung/Materials Testing, vol.56, no.9, pp.737-740, 2014 (SCI-Expanded)
- XXV. **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)
- XXVI. **Fabrication of Al/Mg bimetal compound casting by lost foam technique and liquid-solid process**
GÜLER K. A., KISASÖZ A., KARAASLAN A.
Materialprüfung/Materials Testing, vol.56, no.9, pp.700-702, 2014 (SCI-Expanded)
- XXVII. **Investigation of surface roughness of aluminium solid mould investment castings**
Guler K. A.
RUSSIAN JOURNAL OF NON-FERROUS METALS, vol.54, no.6, pp.480-483, 2013 (SCI-Expanded)
- XXVIII. **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)
- XXIX. **Drilling Template Used to Produce Cellular EPS Patterns for the Lost Foam Casting Process**
GÜLER K. A., Uster A., ÇİĞDEM M.
MATERIALS TESTING, vol.55, no.1, pp.60-63, 2013 (SCI-Expanded)
- XXX. **The Effects of Process Parameters on the Recycling Efficiency of Used Aluminium Beverage Cans (UBCs)**
Ozer G., YUKSEL C., COMERT Z. Y., GULER K. A.
MATERIALS TESTING, vol.55, no.5, pp.396-400, 2013 (SCI-Expanded)
- XXXI. **Effects of Wax Coating on the Surface Quality of EPS Patterns for Solid Mould Investment Casting**
GÜLER K. A.
MATERIALS TESTING, vol.55, no.3, pp.193-196, 2013 (SCI-Expanded)
- XXXII. **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)
- XXXIII. **Effects of Squeeze Pressure on Microstructure, Porosity and Hardness of an In-Situ Mg₂Si/Al-Si-Cu Composite**

- Ozer G., Guler K. A., LUŞ H. M.
MATERIALS TESTING, vol.54, no.1, pp.26-29, 2012 (SCI-Expanded)
- XXXIV. The Evaluation of Waste Papers for the Ceramic industry**
SELTE A., GÜLER K. A., Marsoglu M.
MATERIALS TESTING, vol.54, no.2, pp.126-129, 2012 (SCI-Expanded)
- XXXV. 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)
- XXXVI. 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)
- XXXVII. 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)
- XXXVIII. Production of Open Cell Aluminium Metal Foam with Lost Foam Technique**
GÜLER K. A., Taslicukur Z., Ozer G.
MATERIALS TESTING, vol.53, no.5, pp.295-297, 2011 (SCI-Expanded)
- XXXIX. Surface Quality and Dimensional Accuracy of Gypsum Bonded Investment Flask Casting Moulds**
GÜLER K. A., ÇİĞDEM M.
MATERIALS TESTING, vol.53, no.9, pp.551-555, 2011 (SCI-Expanded)
- XL. Cellular Aluminum Foam Metal Production With Space Holder Particles**
GÜLER K. A., Taslicukur Z.
MATERIALPRUFUNG, vol.52, no.6, pp.379-382, 2010 (SCI-Expanded)

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 (ESCI)
- II. **Aluminium Bimetal Structure Production by Lost Foam Casting with Liquid-Liquid Process**
Kisasöz A., Guler K. A., Karaaslan A.
Machines, Technologies, Materials, vol.8, no.10, pp.43-46, 2014 (Peer-Reviewed Journal)
- III. **Fabrication of Al-Steel Composites by Vacuum Assisted Block Mould Investment Casting Technique**
Güler K. A., Kisasöz A., Karaaslan A.
Machines Technologies Materials, vol.8, no.10, pp.47-49, 2014 (Peer-Reviewed Journal)
- IV. **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)
- V. **Expanded Polystyrene (EPS) Pattern Application in Investment Casting and Chemical Removing**
GÜLER K. A., Taslicukur Z., Ozer G.
Materialy Ceramiczne/Ceramic Materials, vol.63, no.1, pp.138-142, 2011 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Dereceli Hassas Döküm, Yüzey Kalitesi ve Boyutsal Hassasiyet (Kısaltılmış Doktora Tezi)**
GÜLER K. A.
İstanbul Sanayi Odası Yayınları, 2012

Refereed Congress / Symposium Publications in Proceedings

- I. **INVESTIGATION OF THE MECHANICAL VIBRATION EFFECT IN COOLING SLOPE CASTING**
GÜNEŞ B., ACAR S., GÜLER K. A.
INTERNATIONAL SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Turkey, 5 June - 06 July 2024
- II. **Effect of Dynamic Stimuli on Artificial Aging in Casting and Solidification of 2014 Al Alloy**
Dönmez Y. T., ACAR S., GÜLER K. A.
2. ULUSLARARASI MÜHENDİSLİK VE FEN BİLİMLERİ KONGRESİ, İstanbul, Turkey, 16 - 17 December 2023
- III. **Aluminium Matrix In-Situ Ex-Situ Hybrid Composite Production By Vacuum Infiltration Method**
Birsen D., Tütük İ., Öztürk K., Acar S., Güler K. A.
10. Uluslararası ALÜMİNYUM SEMPOZYUMU, İstanbul, Turkey, 3 - 04 March 2022, pp.471-474
- IV. **İkiz Merdaneli Sürekli Döküm Tekniğiyle Üretilmiş 3005 Alüminyum Alaşımında Termomekanik Proseslerin Derin Çekilebilme Kabiliyetine Etkisi**
Özçetin Y., Kocaoğlu Ç., Ulus A., İnel C., Güler K. A.
10. Uluslararası ALÜMİNYUM SEMPOZYUMU, İstanbul, Turkey, 3 - 04 March 2022, pp.266-273
- V. **Production of Aluminium Matrix in-Situ Composites Using Low Superheat Casting Method**
Özkan T., Tütük İ., Acar S., Güler K. A.
10. Uluslararası ALÜMİNYUM SEMPOZYUMU, İstanbul, Turkey, 3 - 04 March 2022, pp.467-470
- VI. **Investigation of Pouring Temperature for Direct Water-Cooled Aluminum Lost Foam Castings**
Tütük İ., Acar S., Güler K. A.
10. Uluslararası ALÜMİNYUM SEMPOZYUMU, İstanbul, Turkey, 3 - 04 March 2022, pp.364-367
- VII. **Effect of Aging Conditions of AA6063 and AA6061 Alloys on Corrosion Behavior**
Tütük İ., Doğan M., Acar S., Öztürk K., Güler K. A.
10. Uluslararası ALÜMİNYUM SEMPOZYUMU, İstanbul, Turkey, 3 - 04 March 2022, pp.294-298
- VIII. **Corrosion Behaviour of A356/TiB₂ In-Situ Composites**
Kısaşöz A., Kısaşöz A., Güler K. A.
10. Uluslararası Alüminyum Sempozyumu, İstanbul, Turkey, 3 - 04 March 2022, pp.432-434
- IX. **The effect of orbital shaking on the microstructure of lost foam cast A356 aluminum alloy**
Kılıç Ö., Acar S., Güler K. A.
9th International Aluminium Symposium, İstanbul, Turkey, 10 - 11 October 2019, pp.256-260
- X. **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
- XI. **Effects of Reheating Time on Hardness and Microstructural Properties of Thixoforged AA2014 Alloy Manufactured via Cooling Slope Casting**
ACAR S., GÜLER K. A.
19th International Metallurgy and Materials Congress, İstanbul, Turkey, 25 October 2018, pp.269-271
- XII. **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
- XIII. **Investigation of the Effects of Solution Heat Treatmeant 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
- XIV. **Cooling Slope Casting and Thixoforging of A319 Alloy**
ACAR S., GÜLER K. A.
2. International Conference on Engineering Technology and Innovation (ICETI), Budapeşte, Hungary, 07 March 2018, pp.57-62
- XV. **A356 Alaşımının Eğimli Soğutucu İle Dökümü ve Yarı-Katı Dövme İşlemi**

- Açıcı N., ACAR S., GÜLER K. A.
8. Alüminyum Sempozyumu, İstanbul, Turkey, 05 October 2017, pp.294-298
- XVI. **A356 Matrisli TiB₂ Takviyeli İn-Situ Kompozit Üretilimi**
Kısaşöz A. A., KISASÖZ A., GÜLER K. A.
8. Alüminyum Sempozyumu, İstanbul, Turkey, 05 October 2017, pp.290-293
- XVII. **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
- XVIII. **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
- XIX. **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
- XX. **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
- XXI. **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
- XXII. **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
- XXIII. **In Situ Composite of (Mg₂Si)/Al Fabricated by Squeeze Casting**
Ozer G., GÜLER K. A.
TMS 2012, 141st Annual Meeting & Exhibition, 01 March 2012
- XXIV. **Casting Quality of Gypsum Bonded Block Investment Casting Moulds**
GÜLER K. A., ÇİĞDEM M.
14th International Conference on Advances in Materials and Processing Technologies (AMPT), İstanbul, Turkey, 13 - 16 July 2011, vol.445, pp.349-354
- XXV. **Vakum Destekli Dereceli Hassas Dökümde Alçı Bağlı Kalıp Malzemelerinin Döküm Kalitesi**
GÜLER K. A., Çiğdem M.
4. Döküm ve Çevre Sempozyumu (IFES 2011), 01 November 2011
- XXVI. **Açık Hücreli Hücresel Metal Üretimi İçin Yeni Bir Yaklaşım Olarak Dolu Kalıba Döküm Tekniğinin Uygulanması**
GÜLER K. A., Üster A., Çiğdem M.
4. Döküm ve Çevre Sempozyumu (IFES 2011), 01 November 2011
- XXVII. **Production of Al₂O₃-Al Composites Using Vacuum Assted 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
- XXVIII. **The effect of different bonded investment powders on surface quality and dimensional accuracy of investment castings**
GÜLER K. A., Cigdem M.
8th International PhD Foundry Conference, 01 June 2011
- XXIX. **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
- XXX. 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
- XXXI. A novel pattern material for investment casting foam wax**
Güler K. A., Özer G., Taşlıçukur Z.
69th World Foundry Congress (WFC 2010), Hangzhou, China, 16 - 20 October 2010, pp.567-572
- XXXII. Besleyici Gömleklerin Üretimi İçin Çevreye Duyarlı Yeni Bir Yöntem**
GÜLER K. A., Gin E., Şen Ö., Çiğdem M.
3. Döküm ve Çevre Sempozyumu, (IFES 2009), 01 January 2010
- XXXIII. Çimento Bağlayıcılı Genleşebilen Dereceli Hassas Döküm Kalıbı Tozu Üretimi**
GÜLER K. A., Çiğdem M.
3. Döküm ve Çevre Sempozyumu (IFES2009), 01 January 2010
- XXXIV. 380 Alaşımın Soğuma Eğrisinde ve Akışkanlığında Tane İnceltmenin Etkisi**
Balaban C., Şen Ö., Özer G., Güler K. A.
13. Uluslararası Metalurji ve Malzeme Kongresi, İstanbul, Turkey, 9 - 11 November 2006, pp.1760-1765
- XXXV. Dökülebilir Kalıplarda Segregasyon**
GÜLER K. A., Çiğdem M.
12. Uluslararası Metalurji ve Malzeme Kongresi, 01 October 2005
- XXXVI. Seramik ve Kum Kalıp Prosesleriyle Üretilen Ayakkabı Çekicinin Özelliklerinin Karşılaştırılması**
Taşlıçukur Z., Balaban C., Özer G., Güler K. A., Kuşkonmaz N., Çiğdem M.
12. Uluslararası Metalurji-Malzeme Kongresi ve Fuarı, İstanbul, Turkey, 28 September - 02 October 2005, pp.2102-2108

Episodes in the Encyclopedia

- I. **Lost Foam Casting of Metallic Parts and Structures**
Güler K. A., Acar S.
Elsevier Science, Oxford/Amsterdam , pp.1-14, 2020
- II. **Encyclopedia of Aluminum and Its alloys**
GÜLER K. A.
Crc Press Taylor & Francis Group, pp.1816-1821, 2018
- III. **Reference Module in Materials Science and Materials Engineering**
GÜLER K. A., Askeland D. R.
Elsevier Science, Oxford/Amsterdam , pp.1-5, 2015

Supported Projects

- Güler K. A., Acar S., TUBITAK Project, Development of Direct Water Cooling Process for the Lost Foam Casting Technique, 2020 - 2022
- GÜLER K. A., ACAR S., Project Supported by Higher Education Institutions, Alüminyum dövme alaşımlarının eğimli soğutucu ile dökümü - yarıkatı şekillendirilmesi ve karakterizasyonu., 2019 - 2022
- GÜLER K. A., Kılıç Ö., Project Supported by Higher Education Institutions, Alüminyum alaşımlarının dökümünde yörüngezel çalkalamanın mikroyapı ve mekanik özelliklere etkisi, 2017 - 2020
- GÜLER K. A., Kısasöz A. A., Project Supported by Higher Education Institutions, Alüminyum Matrisli TiB₂ İnsitu Takviyeli Kompozitlerin Üretimi ve Karakterizasyonu, 2018 - 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 Dönüşürülebilir 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 Kırılganlığı 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 Bağlılı Yarı-Katı Dövme Yönteminin Araştırılması, 2015 - 2017

Karaaslan A., Güler K. A., Kısasöz A., Project Supported by Higher Education Institutions, Dubleks Paslanmaz Çeliklerde Oluşan sigma ve chi Fazlarının Etkilerinin Isıl Yöntemler ile Giderilmesi, 2012 - 2015

Karaaslan A., Kuşkonmaz N., Luş H. M., Güler K. A., Balaban C., Kısasöz A., Yeşildal C., Project Supported by Higher Education Institutions, Sıkıştırmalı döküm yöntemi ile Al matrişli hibrid kompozit üretimi ve karakterizasyonu, 2007 - 2010

Güler K. A., Luş H. M., Kısasöz A., Karaaslan A., Kuşkonmaz N., Project Supported by Higher Education Institutions, Sıkıştırmalı döküm yöntemi ile Al matrişli hibrid kompozit üretimi ve karakterizasyonu, 2007 - 2010

Scientific Refereeing

MATERIALS TODAY COMMUNICATIONS, SCI Journal, July 2024

RECENT PATENTS ON MECHANICAL ENGINEERING, Other Indexed Journal, June 2024

ARCHIVES OF FOUNDRY ENGINEERING, Journal Indexed in ESCI, May 2024

Bulletin of Materials Science and Metallurgy, Other journals, May 2024

MATERIALS SCIENCE AND TECHNOLOGY, SCI Journal, May 2024

METALLURGICAL AND MATERIALS TRANSACTIONS B: PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE, National Scientific Refreed Journal, December 2023

SCIENTIFIC REPORTS, Journal Indexed in SCI-E, May 2023

HELIYON, Journal Indexed in SCI-E, May 2023

SCIENTIFIC REPORTS, Journal Indexed in SCI-E, March 2023

JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, SCI Journal, July 2022

ARCHIVES OF METALLURGY AND MATERIALS, SCI Journal, June 2022

METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE, SCI Journal, April 2022

MATERIALS TODAY COMMUNICATIONS, Journal Indexed in SCI-E, August 2021

MATERIALS LETTERS, SCI Journal, May 2021

JOURNAL OF MATERIALS SCIENCE, SCI Journal, December 2019

Metallurgical and Materials Transactions B, SCI Journal, May 2019

Transactions of Nonferrous Metals Society of China, SCI Journal, March 2019

Frontiers of Mechanical Engineering, Other Indexed Journal, May 2017

Materials and Design/Makale incelemesi, SCI Journal, August 2016

Metallurgical and Materials Transactions B/Makale İncelemesi, SCI Journal, June 2015

Materials and Design/Makale İncelemesi, SCI Journal, June 2015

Metallurgical and Materials Transactions B/Makale incelemesi, SCI Journal, May 2015

MATERIALI IN TEHNOLOGIJE/Makale İncelemesi, SCI Journal, March 2015

Metallurgical and Materials Transactions B/Makale incelemesi, SCI Journal, September 2014

Metallurgical and Materials Transactions B/Makale incelemesi, SCI Journal, August 2014

Journal of Materials Processing Technology/Makale incelemesi, SCI Journal, July 2014

Metallurgical and Materials Transactions B/Makale incelemesi, SCI Journal, June 2014

Materials Science and Engineering B/Makale incelemesi, SCI Journal, August 2011

International Journal of Materials Research/Makale incelemesi, SCI Journal, June 2011

International Journal of Materials Research/Makale incelemesi, SCI Journal, April 2011

Metrics

Publication: 89

Citation (WoS): 226

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H-Index (Scopus): 9