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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: ADL-4140-2022

ScopusID: 6505797812



Öğrenim Bilgisi

Yüksek Lisans
2018 - 2020

Marmara Üniversitesi, Teknoloji Fakültesi, Makine Mühendisliği Bölümü, Türkiye

Lisans
2012 - 2017

Marmara Üniversitesi, Teknoloji Fakültesi, Makine Mühendisliği Bölümü, Türkiye

Akademik Unvanlar / Görevler

Öğretim Görevlisi
2025 - Devam Ediyor

Marmara Üniversitesi, Teknik Bilimler Meslek Yüksekokulu, Makine Ve Metal Teknolojileri Bölümü

Desteklenen Projeler

- Kaynak Y., TÜBİTAK Projesi, Şekil Hafızalı Nitihf Malzemelerin Talaşlı İmalatı-Yüzey Bütünlüğü-Ürün Performansı Arasındaki İlişkinin Araştırılması, 2016 - 2019

Ödüller

- Kaynak Y., Taşcıoğlu E., EN İYİ BİLDİRİ ÖDÜLÜ, 4Th Cırp Conference On Surface Integrity, Ocak 2018
- Taşcıoğlu E., EN İYİ BİLDİRİ ÖDÜLÜ, International Congress On Machining , Kasım 2016

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Machinability of extruded and multi-directionally hot forged eco-friendly brass alloys**
Zoghipour N., Tascioglu E., KAYNAK Y.
CANADIAN METALLURGICAL QUARTERLY, cilt.63, sa.2, ss.414-425, 2024 (SCI-Expanded)
- Effect of Drag Finish Post-processing on Surface Integrity and Wear Behavior of Ti-6Al-4V**

Fabricated by Laser Powder Bed Fusion Additive Manufacturing

Gunessu E., Yilmaz M. S., Tascioglu E., Sharif S., KAYNAK Y.

JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, cilt.31, sa.12, ss.9962-9971, 2022 (SCI-Expanded)

3. **Effect of printing parameters and post-process on surface roughness and dimensional deviation of PLA parts fabricated by extrusion-based 3D printing**
Tascioglu E., Kitay O., Keskin A. O., KAYNAK Y.
JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, cilt.44, sa.4, 2022 (SCI-Expanded)
4. **The effect of cooling on machining and phase transformation responses of Ni-rich NiTiHf high-temperature shape memory alloy**
Kaynak Y., Tascioglu E., Sharif S., Suhaimi M. A., Benefan O.
Journal of Manufacturing Processes, cilt.75, ss.1144-1152, 2022 (SCI-Expanded)
5. **Machining-induced surface integrity of Inconel 718 alloy fabricated by powder bed fusion additive manufacturing under various laser processing parameters**
Tascioglu E., KAYNAK Y., Sharif S., Pitir F., Suhaimi M. A.
MACHINING SCIENCE AND TECHNOLOGY, cilt.26, sa.1, ss.49-71, 2022 (SCI-Expanded)
6. **Effect of aging and finish machining on the surface integrity of selective laser melted maraging steel**
Tascioglu E., Khan H. M., KAYNAK Y., Coskun M., Tarakci G., KOÇ E.
RAPID PROTOTYPING JOURNAL, cilt.27, sa.10, ss.1900-1909, 2021 (SCI-Expanded)
7. **Heat treatment temperature-induced microstructure, microhardness and wear resistance of Inconel 718 produced by selective laser melting additive manufacturing**
Karabulut Y., Tascioglu E., KAYNAK Y.
OPTIK, cilt.227, 2021 (SCI-Expanded)
8. **Post-processing effects on the surface characteristics of Inconel 718 alloy fabricated by selective laser melting additive manufacturing**
TAŞCIOĞLU E., KAYNAK Y.
ADDITIVE MANUFACTURING, cilt.5, sa.2, ss.221-234, 2020 (SCI-Expanded)
9. **Influence of heat treatment temperature on the microstructural, mechanical, and wear behavior of 316L stainless steel fabricated by laser powder bed additive manufacturing**
Tascioglu E., Karabulut Y., KAYNAK Y.
International Journal of Advanced Manufacturing Technology, cilt.107, sa.5-6, ss.1947-1956, 2020 (SCI-Expanded)
10. **The effect of cutting parameters and cutting tools on machining performance of carbon graphite material**
Tankus K., Tascioglu E., Atay G., Brunken H., Kaynak Y.
MACHINING SCIENCE AND TECHNOLOGY, cilt.24, sa.1, ss.96-111, 2020 (SCI-Expanded)
11. **High speed machining of near-beta titanium Ti-5553 alloy under various cooling and lubrication conditions**
Taşcioğlu E., Gharibi A., Kaynak Y.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.102, ss.4257-4271, 2019 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

1. **A comparative study on the machining performance of eco-friendly low-lead and lead-free brass alloys in replacement for leaded ones**
Zoghipour N., Taşcioğlu E., Keskin A. Ö., KAYNAK Y.
Sigma Journal of Engineering and Natural Sciences, cilt.43, sa.1, ss.241-249, 2025 (ESCI)
2. **Influence of burnishing process on surface integrity of inconel 718 fabricated by laser powder bed fusion additive manufacturing**
Kaya M., Yaman N., Taşcioğlu E., KAYNAK Y.

Sigma Journal of Engineering and Natural Sciences, cilt.42, sa.2, ss.335-343, 2024 (ESCI)

3. **The Effect of Processing on The Surface and Subsurface Characteristic of Plastic Injection Mold Steel**
Kamber Ö. Ş., Taşcıoğlu E.
International journal of advances in engineering and pure sciences (Online), cilt.31, sa.1, ss.17-22, 2019 (Hakemli Dergi)
4. **Finish machining-induced surface roughness, microhardness and XRD analysis of selective laser melted Inconel 718 alloy**
Kaynak Y., Tascioglu E.
Procedia CIRP, cilt.71, ss.500-504, 2018 (Scopus)

Hakemli Bilimsel Toplantılarda Yayımlanmış Bildiriler

1. **Development of an artificial neural network model for criticizing the burr formation during flat bottom drilling of CuZn38As brass alloy considering cutting tool geometry**
Zoghipour N., Celik F., Tascioglu E., KAYNAK Y.
19th CIRP Conference on Modeling of Machining Operations, CMMO 2023, Karlsruhe, Almanya, 31 Mayıs - 02 Haziran 2023, cilt.117, ss.396-401, (Tam Metin Bildiri)
2. **Machining-induced Surface Integrity in Brass Alloys**
Tascioglu E., Zoghipour N., Sharif S., KAYNAK Y.
6th CIRP Conference on Surface Integrity, CSI 2022, Lyon, Fransa, 8 - 10 Haziran 2022, cilt.108, ss.654-659, (Tam Metin Bildiri)
3. **The influence of edge radius and lead content on machining performance of brass alloys**
Zoghipour N., Tascioglu E., Celik F., KAYNAK Y.
15th CIRP Conference on Intelligent Computation in Manufacturing Engineering, ICME 2021, Naples, İtalya, 14 - 16 Temmuz 2021, cilt.112, ss.274-279, (Tam Metin Bildiri)
4. **Machining-induced surface integrity of holes drilled in lead-free brass alloy**
Zoghipour N., Tascioglu E., Atay G., Kaynak Y.
5th CIRP Conference on Surface Integrity, CSI 2020, 1 - 05 Haziran 2020, cilt.87, ss.148-152, (Tam Metin Bildiri)
5. **Surface Integrity Characteristics of NiTiHf High Temperature Shape Memory Alloys**
KAYNAK Y., TAŞCIOĞLU E., Benafan O.
1st International Conference on Advanced Surface Enhancement, INCASE 2019, Singapore, Singapur, 10 - 12 Eylül 2019, ss.254-262, (Tam Metin Bildiri)
6. **The Effect of Finish-Milling Operation on Surface Quality and Wear Resistance of Inconel 625 Produced by Selective Laser Melting Additive Manufacturing**
TAŞCIOĞLU E., KAYNAK Y., POYRAZ Ö., ORHANGÜL A., ÖREN S.
1st International Conference on Advanced Surface Enhancement, INCASE 2019, Singapore, Singapur, 10 - 12 Eylül 2019, ss.263-272, (Tam Metin Bildiri)

Metrikler

Yayın: 21

Atıf (Scopus): 467

H-İndeks (Scopus): 11

Kongre ve Sempozyum Katılımı Faaliyetleri

12th International Congress on Machining (UTIS 2024), Katılımcı, Antalya, Türkiye, 2024

12th International Congress on Machining (UTIS 2024), Katılımcı, Antalya, Türkiye, 2024

10th International Congress on Machining (UTIS 2019), Katılımcı, Antalya, Türkiye, 2019
10th International Congress on Machining (UTIS 2019), Katılımcı, Antalya, Türkiye, 2019
10th International Congress on Machining (UTIS 2019), Katılımcı, Antalya, Türkiye, 2019
12th International Congress on Machining (UTIS 2018), Katılımcı, Antalya, Türkiye, 2018
INTERNATIONAL CONFERENCE ON MACHINE DESIGN AND PRODUCTION, Katılımcı, Eskişehir, Türkiye, 2018
INTERNATIONAL CONFERENCE ON MACHINE DESIGN AND PRODUCTION, Katılımcı, Eskişehir, Türkiye, 2018
8th International Advanced Technologies Symposium, Katılımcı, Elazığ, Türkiye, 2017
8th International Advanced Technologies Symposium, Katılımcı, Elazığ, Türkiye, 2017
International Congress on Machining , Katılımcı, İstanbul, Türkiye, 2016

Araştırma Alanları

Talaşlı İmalat Yöntemleri, Mekanik Özellikler, Malzeme Karakterizasyonu

Akademi Dışı Deneyim

Şirket, Torun Metal A.Ş., Takımhane Üretim Lideri, Üretim Lideri