

Asst. Prof. ERMAN FERİK

Personal Information

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Biography

RESUME Name-Surname: Erman FERİK Date and Place of Birth: 27.04.1987 Bursa E-mail: erman.ferik@marmara.edu.tr
EDUCATION STATUS: Undergraduate: 2011, Sakarya University, Technical Education Faculty, Metal Teaching Department
Undergraduate: 2016, Sakarya University, Faculty of Technology, Metallurgy and Materials Engineering Department
Master's Degree: 2014, Sakarya University, Metallurgical and Materials Engineering Department, Metallurgical and
Materials Engineering Department Master's Degree: 2017, Sakarya University, Manufacturing Engineering Department,
Manufacturing Engineering Department PhD: 2019, Sakarya University, Metallurgical and Materials Engineering
Department, Metallurgical and Materials Engineering Department PROFESSIONAL EXPERIENCE AND AWARDS: Between
2013-2014, he worked as a research assistant at Kütahya Dumlupınar University. He completed his doctorate at Sakarya
University of Applied Sciences in 2019.

Education Information

Doctorate, Sakarya University, Institute Of Science, Metalurji ve Malzeme Mühendisliği, Turkey 2014 - 2019

Postgraduate, Sakarya University, Institute Of Science, Turkey 2013 - 2017

Undergraduate, Sakarya University, Faculty Of Technology, Department Of Metallurgical And Materials Engineering,
Turkey 2015 - 2016

Postgraduate, Sakarya University, Institute Of Science, Metalurji ve Malzeme Mühendisliği, Turkey 2011 - 2014

Undergraduate, Sakarya University, Faculty Of Technical Education, Department Of Metal Education, Turkey 2007 - 2011

Foreign Languages

English, C2 Mastery

Research Areas

Metallurgical and Materials Engineering

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Technology, Metallurgical and Materials Engineering, 2021 -
Continues

Research Assistant, Kütahya Dumlupınar University, Teknoloji Fakültesi, İmalat Mühendisliği, 2013 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Effect of Nugget Sizes on Tensile Peel Loading in Resistance Spot Welding of DP800 and TWIP950 Steel Sheets used in Automotive Industry**
Onar V., Ferik E., Acar I., Siksik V., Varol F., Ozsarac U., Aslanlar S.
ACTA PHYSICA POLONICA A, vol.135, no.5, pp.1097-1099, 2019 (SCI-Expanded)
- II. **Microstructural investigation of SPA-C steel sheets used in railway vehicles in resistance spot welding**
Ferik E., Akkas N., Kılıç R., İlhan E., Aslanlar S.
Springer Tracts In Modern Physics, no.186, pp.77-82, 2017 (SCI-Expanded)
- III. **The Effect of Welding Current on Nugget Sizes in Resistance Spot Welding of SPA-C Steel Sheets Used in Railway Vehicles**
Akkas N., Ferik E., İlhan E., Aslanlar S.
ACTA PHYSICA POLONICA A, vol.130, no.1, pp.142-144, 2016 (SCI-Expanded)
- IV. **The Effect of Nugget Sizes on Mechanical Properties in Resistance Spot Welding of S235JR(Cu) Steel Sheets Used in Railway Vehicles**
Akkas N., Ferik E., İlhan E., Aslanlar S.
ACTA PHYSICA POLONICA A, vol.130, no.1, pp.60-63, 2016 (SCI-Expanded)
- V. **Investigation of Mechanical Properties of MIG-Brazed TRIP 800 Steel Joints Using Different Working Angles**
Varol F., Ekici M., Ferik E., Ozsarac U., Aslanlar S.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.965-967, 2015 (SCI-Expanded)
- VI. **Influence of Current Intensity and Heat Input in MIG-Brazed Joints of DP 600 Thin Zinc Coated Steel Plates**
Varol F., Ozsarac U., Aslanlar S., Onat A., Ekici M., Ferik E.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.968-971, 2015 (SCI-Expanded)
- VII. **Investigation of Mechanical Properties of Metal Inert Gas-Brazed TRIP800 Steel Joints Using Different Shielding Gas Flow Rate**
Akkas N., Varol F., Ferik E., İlhan E., Ozsarac U., Aslanlar S.
ACTA PHYSICA POLONICA A, vol.125, no.2, pp.473-474, 2014 (SCI-Expanded)
- VIII. **Effect of Welding Current on Mechanical Properties of Welding Joints in S235JR(Cu) Steel Sheets in Resistance Spot Welding**
Akkas N., Varol F., Ferik E., İlhan E., Ozsarac U., Aslanlar S.
ACTA PHYSICA POLONICA A, vol.125, no.2, pp.500-502, 2014 (SCI-Expanded)
- IX. **Influence of current intensity and heat input in Metal Inert Gas-brazed joints of TRIP 800 thin zinc coated steel plates**
Varol F., Ferik E., Ozsarac U., Aslanlar S.
MATERIALS & DESIGN, vol.52, pp.1099-1105, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Farklı Gaz Basınçları Kullanılarak Soğuk Metal Transferi (CMT) ile Birleştirilmiş Alüminyum 6082-T6 Bağlantıların Mekanik Özelliklerinin İncelenmesi**
Ferik E., Özsarac U., Aslanlar S., Varol F., Işık Ş.
El-Cezeri Fen ve Mühendislik Dergisi (ECJSE) , vol.4, no.3, pp.606-611, 2017 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Metal-Matrix Composite Materials: Manufacturing and Joining Methods**

Bozkurt Y., Ferik E., Kalender M.

in: The Fundamentals of Metal-Matrix Composites, Sezgin Ersoy, Editor, NOVA Science Publishers Inc. , New York, pp.27-41, 2022

II. METALURJİ VE MALZEME BİLİMİNE ÜRETİM TEKNOLOJİSİ AÇISINDAN YAKLAŞIMLAR

FERİK E.

in: METALÜRJİ VE MALZEME BİLİMİ - Yeni Nesil Yaklaşımlar, Uzun Kart, Elif, Editor, Nobel Yayınevi, İstanbul, pp.217-269, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. Investigation of Mechanical Properties of 6061-T6 Aluminum Alloy Sheets Joined by Cold Metal Transfer (CMT) Using Different Current Intensity**
VAROL F., YILMAZ Ö., FERİK E., ASLANLAR S.
The 10th International Symposium on Innovative Technologies in Engineering and Science (ISITES2022), Bursa, Turkey, 21 October 2022, vol.5, pp.462-470
- II. Influence of Different Shielding Gas Flow Rate in MIG-Brazed Joints of TRIP 800 Steel Plates**
FERİK E., VAROL F., ASLANLAR S.
The 10th International Symposium on Innovative Technologies in Engineering and Science (ISITES2022), Bursa, Turkey, 21 October 2022, vol.5, pp.161-170
- III. Investigation of Mechanical Properties of 5754 Aluminum Alloy Sheets Joined by Cold Metal Transfer (CMT) Using Different Current Intensity**
FERİK E., YILMAZ Ö., VAROL F., ASLANLAR S.
The 10th International Symposium on Innovative Technologies in Engineering and Science (ISITES2022), Bursa, Turkey, 21 October 2022, vol.5, pp.397-405
- IV. Investigation of Mechanical Properties of 6061-T6 and 5754 Aluminum Sheets Joined by Cold Metal Transfer (CMT) Using Different Current Intensity**
FERİK E., YILMAZ Ö., YAKUPOĞLU C., VAROL F., ASLANLAR S.
The 10th International Symposium on Innovative Technologies in Engineering and Science (ISITES2022), Bursa, Turkey, 21 October 2022, vol.5, pp.281-291

Metrics

Publication: 17

Citation (WoS): 71

Citation (Scopus): 54

H-Index (WoS): 5

H-Index (Scopus): 5