

## Lect. PhD KORAY YURTIŞIK

### Personal Information

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### International Researcher IDs

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### Foreign Languages

English, C1 Advanced

German, B1 Intermediate

### Certificates, Courses and Trainings

Vocational Course, CSWIP Plant Inspection, The Welding Institute, 2018

Vocational Course, Internationaler Schweißfachingenieur, Gessellschaft für Schweisstechnik International Mbh – Schweisstechnische Lehr- und Versuchsanstalte, 2016

### Advising Theses

GÜR C. H., YURTIŞIK K., Microstructure control of AISI 4135 for optimization of fatigue and fracture performance, Postgraduate, B.ÖZCAN(Student), 2018

GÜR C. H., YURTIŞIK K., Investigation of key-hole weldability of line pipe steel grade X70M in terms of fracture toughness, Postgraduate, M.ÇAĞIRICI(Student), 2017

YURTIŞIK K., GÜRBÜZ R., AN INVESTIGATION ON FATIGUE CRACK PROPAGATION IN GAS METAL AND HYBRID PLASMA-GAS METAL ARC WELDMENTS OF AA5083-H111, Postgraduate, K.OKAN(Student), 2015

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

- I. **Influence of Shielding Gas on the Microstructure and Mechanical Properties of Duplex Stainless Steel in Wire Arc Additive Manufacturing**  
Akbarzadeh E., YURTIŞIK K., Hakan Gür C. H., Saeid T., Tavangar R.  
METALS AND MATERIALS INTERNATIONAL, vol.30, no.7, pp.1977-1996, 2024 (SCI-Expanded)
- II. **Fatigue Cracking of Hybrid Plasma Gas Metal Arc Welded 2205 Duplex Stainless Steel**  
YURTIŞIK K., TİRKEŞ S.  
MATERIALS TESTING, vol.56, no.10, pp.800-805, 2014 (SCI-Expanded)
- III. **Characterization of Duplex Stainless Steel Weld Metals Obtained by Hybrid Plasma-Gas Metal Arc Welding**  
YURTIŞIK K., TİRKEŞ S., Dykhno I., GÜR C. H., GÜRBÜZ R.  
SOLDAGEM & INSPECAO, vol.18, no.3, pp.207-216, 2013 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **SYNERGIC ARC ADDITIVE MANUFACTURING OF GRADED FERRITIC-AUSTENITIC TRANSITION INTERFACE MATERIALS FOR WELDING DISSIMILAR STEELS**  
Balak O., akmak Alpaslan H., Yurtiřik K.  
International Additive Manufacturing Conference, IAM 2022, Lisbon, Portugal, 19 October 2022
- II. **Effect of Secondary Austenite on Fracture Toughness Properties of Wire Arc Additively Manufactured Duplex Stainless Steels**  
Yurtiřik K., Ersan B., Akbarzadeh Chiniforoush E., Gr C. H.  
International Additive Manufacturing Conference, IAM 2022, Lisbon, Portugal, 19 - 21 October 2022
- III. **Kara ve Su-Altı Boru Hattı Sistemlerinde Yarı-Statik Kırılma Tokluęu ve Kırılma Diren Eęrilerinin Belirlenmesi**  
Erol E., Tosun U., YURTIřIK K., GR C. H.  
11. Ulusal Kaynak Teknolojisi Kongresi, Ankara, Turkey, 15 - 16 November 2019

## Metrics

Publication: 6

Citation (WoS): 20

Citation (Scopus): 25

H-Index (WoS): 2

H-Index (Scopus): 2

## Non Academic Experience

GAMA Endstri A.ř.

Ticaret Menkul Deęerler

HDM Kalite Kontrol Ltd.