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Education Information

Doctorate, Middle East Technical University, Faculty Of Engineering, Department Of Metallurgical And Materials Engineering, Turkey 2010 - Continues

Postgraduate, Middle East Technical University, Faculty Of Engineering, Department Of Metallurgical And Materials Engineering, Turkey 2006 - 2009

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Physics, Turkey 2000 - 2005

Foreign Languages

English, C1 Advanced

Research Areas

Electrical and Magnetic Properties, Nondestructive Testing, Material Characterization, Electronic and magnetic devices, microelectronics, Materials Science, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Presidency Office, Presidency Office, 2007 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Non-destructive determination of residual stress state in steel weldments by Magnetic Barkhausen Noise technique**
YELBAY H. İ., ÇAM İ., Guer C. H.
NDT & E INTERNATIONAL, vol.43, no.1, pp.29-33, 2010 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- Non-Destructive Characterization of Cold Rolled Low-Carbon Steels**
Grum J., Gür C. H., Yelbay H. İ., Sturm R., Pechnik B.

- 19th International Metallurgy Materials Congress, İstanbul, Turkey, 25 - 27 October 2018, pp.354-356
- II. **Nondestructive Determination of Curing State of Rubbers during Vulcanization Process**
ülger c., Aydın E., YELBAY H. İ., Kutlu A., GÜR C. H.
12th European Conference for Nondestructive Testing, Gothenburg, Sweden, 11 - 15 June 2018
- III. **E-learning Options for NDT Training**
YELBAY H. İ., GÜR C. H.
12th European Conference for Nondestructive Testing, Gothenburg, Sweden, 11 - 15 June 2018
- IV. **Kaynak İşlemi Nedeniyle Oluşan Kalıntı Gerilmelerin Mikro-Manyetik Teknikle Tahribatsız Olarak Ölçülmesi,**
KALELİ T., YELBAY H. İ., GÜR C. H.
10. Ulusal Kaynak Teknolojisi Kongresi, Ankara, Turkey, 17 - 18 November 2017
- V. **New possibilities on training of NDT personnel**
YELBAY H. İ., GÜR C. H., Yılmaz E.
14th International Conference of the Slovenian Society for Non-Destructive Testing: Application of Contemporary Non-Destructive Testing in Engineering, St. Bernardin/Portoroz, Slovenia, 4 - 06 September 2017, pp.219-222
- VI. **PoD Analysis of Phased Array and Conventional Ultrasonic Techniques**
YALCIN M., YELBAY H. İ., GÜR C. H.
19th World Congress for Non-Destructive Testing, Munich, Germany, 13 - 17 June 2016
- VII. **Demiryolu raylarında Kalıntı Gerilmelerin Manyetik Barkhausen Gürültüsü Yöntemi ile Ölçülmesi**
YELBAY H. İ., GÜR C. H.
9. Ulusal Kaynak Teknolojisi Kongresi, Ankara, Turkey, 20 - 21 November 2015, pp.301-307
- VIII. **PREDICTION OF SURFACE RESIDUAL STRESSES IN BUTT-WELDED STEEL PLATES BY MAGNETIC BARKHAUSEN NOISE ANALYSIS**
GÜR C. H., YELBAY H. İ., ÇAM İ.
10th European Conference on Non-Destructive Testing (ECNDT 2010), Moscow, Russia, 7 - 11 June 2010, pp.31-36

Metrics

Publication: 9

Citation (WoS): 74

Citation (Scopus): 92

H-Index (WoS): 1

H-Index (Scopus): 1

Invited Talks

NDT Days, Conference, UCTEA CHAMBER OF MECHANICAL ENGINEERS, Turkey, October 2021