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Education Information

Doctorate, University of Sheffield, Makine Mühendisliği, England 2019 - 2024

Postgraduate, University of Exeter, Makine Mühendisliği, England 2017 - 2019

Undergraduate, Sivas Cumhuriyet University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 2010 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Influence of HAZ microstructure on RCF under twin-disc test of a flash-butt welded rail**
Pereira H. B., Echeverri E. A. A., Alves L. H. D., Yildirimli K., Lewis R., Goldenstein H.
Wear, vol.546-547, 2024 (SCI-Expanded)
- II. **Scaling-up laser cladding of rails**
Yildirimli K., Boschetti Pereira H., Goldenstein H., Fletcher D., Lee Z., Lewis R.
Wear, vol.540-541, 2024 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **IMPROVING THE WHEEL/RAIL CONTACT PERFORMANCE THROUGH LASER CLADDING OF RAIL, HIGH SPEED RAIL GRINDING AND RAIL CLEANING: CASE STUDIES IN GOING FROM THE LAB TO THE FIELD**
Lewis R., Mesaritis M., Taiwo G., Marshall M., Krier P., Ferriday P., Buckley-Johnstone L., Lanigan J., Lewis S., Yildirimli K., et al.
12th International Conference on Contact Mechanics and Wear of Rail/Wheel Systems, CM 2022, Melbourne, Australia, 4 - 07 September 2022, pp.477-483
- II. **SMALL-SCALE TESTING OF RAIL LASER CLADDING LONGEVITY, PARAMETER TOLERANCE AND IN-SITU REPAIRS IN PREPARATION FOR FIELD IMPLEMENTATION**
Yildirimli K., Tomlinson K., Fletcher D., Lewis R.
12th International Conference on Contact Mechanics and Wear of Rail/Wheel Systems, CM 2022, Melbourne, Australia, 4 - 07 September 2022, pp.364-374

Metrics

Publication: 4

Citation (Scopus): 4

H-Index (Scopus): 1