

Aleksandra Królicka

Lista Publikacji

1. Królicka, A., Radwański, K., Janik, A., Kustroń, P., & Ambroziak, A. (2020). Metallurgical characterization of welded joint of nanostructured bainite: Regeneration technique versus post welding heat treatment. *Materials*, 13(21). <https://doi.org/10.3390/ma13214841>
2. Królicka, A., Radwański, K., Kuziak, R., Zygmunt, T., & Ambroziak, A. (2020). Microstructure-based approach to the evaluation of welded joints of bainitic rails designed for high-speed railways. *Journal of Constructional Steel Research*, 175. <https://doi.org/10.1016/j.jcsr.2020.106372>
3. Królicka, A., Lesiuk, G., Radwański, K., Kuziak, R., Janik, A., Mech, R., & Zygmunt, T. (2021). Comparison of Fatigue Crack Growth Rate: Pearlitic Rail versus Bainitic Rail. *International Journal of Fatigue*, 106280. <https://doi.org/10.1016/j.ijfatigue.2021.106280>
4. Królicka, A., Radwański, K., Ambroziak, A., & Żak, A. (2019). Analysis of grain growth and morphology of bainite in medium-carbon spring steel. *Materials Science and Engineering: A*, 768(September), 138446. <https://doi.org/10.1016/j.msea.2019.138446>
5. Królicka, A., Żak, A. M., & Caballero, F. G. (2021). Enhancing technological prospect of nanostructured bainitic steels by the control of thermal stability of austenite. *Materials & Design*, 211, 110143. <https://doi.org/10.1016/j.matdes.2021.110143>