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PUBLICATIONS:

1. Chellaganesh, D., Khan, M. A., & Jappes, J. W. (2020). Hot corrosion behaviour of nickel–iron-based superalloy in gas turbine application. *International Journal of Ambient Energy*, 41(8), 901-905.
2. Uthayakumar, M., Kumaran, S. T., Khan, M. A., Skoczypiec, S., & Bizon, W. (2020). Microdrilling of AA (6351)-SiC-B4C Composite Using Hybrid Micro-ECDM Process. *Journal of Testing and Evaluation*, 48(4).
3. Sivakumar, S., Khan, M. A., & Senapathy, G. J. (2020). Biocompatibility and Surface Studies on Electrosark-Machined Titanium-Based Human Implants. *Journal of Bio-and Tribo-Corrosion*, 6(2), 26.
4. Ganesh Rajkumar, N., Adam Khan, M., Rajesh, S., & Faris, W. F. (2020). Design optimization of office chair star base leg using product LCM and anisotropic material properties from injection moulding simulation. *Materials Today: Proceedings*. doi, 10.
5. Khan, M. A., & Gupta, K. (2020). On Heat Treatment and Surface Characterization of Spark Eroded Nickel-Based Superalloy Developed by Additive Manufacturing. *Transactions of the Indian Institute of Metals*, 73(2), 429-439.
6. Raj, B. A., Jappes, J. W., Khan, M. A., Dillibabu, V., & Brintha, N. C. (2020). Direct metal laser sintered (DMLS) process to develop Inconel 718 alloy for turbine engine components. *Optik*, 202, 163735.
7. Khan, M. A., & Gupta, K. (2020). Optimization of Machining Parameters for Material Removal Rate and Machining Time While Cutting Inconel 600 with Tungsten Carbide Textured Tools. In *Intelligent Manufacturing* (pp. 37-56). Springer, Cham.
8. Khan, A., & Gupta, K. (2019). Experimental evaluation of surface quality characteristics in laser machining of nickel-based superalloy. *Optik*, 196, 163199.

9. Kumar, S., Khan, M. A., & Muralidharan, B. (2019). Processing of titanium-based human implant material using wire EDM. *Materials and Manufacturing Processes*, 34(6), 695-700.
10. Khan, M. A., & Gupta, K. (2019). Machining Ni-Cr-Fe based superalloy using abrasive water jet cutting process and its surface studies. *Materials Today: Proceedings*, 19, 2139-2143.
11. Khan, M. A., Manikandan, S., Ebenezer, G., Uthayakumar, M., & Kumaran, S. T. (2019). Solid particle erosion studies on fibre composite with egg shell as filler materials. *International Journal of Surface Science and Engineering*, 13(1), 1-13.
12. Kuruvila, R., Kumaran, S. T., Khan, M. A., & Uthayakumar, M. (2018). A brief review on the erosion-corrosion behavior of engineering materials. *Corrosion Reviews*, 36(5), 435-447.
13. Chellaganesh, D., Khan, M. A., Ashif, A. M., Ragul Selvan, T., Nachiappan, S., & Winowlin Jappes, J. T. (2018). Hybrid Composite Material and Solid Particle Erosion Studies. *MS&E*, 346(1), 012014.
14. Chellaganesh, D., Khan, M. A., Jappes, J. W., & Sathiyarayanan, S. (2018). Cyclic oxidation and hot corrosion behavior of nickel-iron-based superalloy. *High Temperature Materials and Processes*, 37(2), 173-180.
15. Basha, A. K. M., Srinivasan, S., & Srinivasan, N. (2017). Studies on thermally grown oxide as an interface between plasma-sprayed coatings and a nickel-based superalloy substrate. *International Journal of Minerals, Metallurgy, and Materials*, 24(6), 681-690.
16. Adam Khan, M., Sundarrajan, S., & Natarajan, S. (2017). Design and statistical analysis of plasma coatings on superalloy for gas turbine applications. *Materials at High Temperatures*, 34(1), 12-21.
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19. Khan, M. A., Sundarrajan, S., & Natarajan, S. (2015). Hot corrosion behaviour of Inconel 617 in Mixed salt environment at 900 and 1000 C for gas turbine applications. *High Temperature Materials and Processes*, 34(3), 221-225.