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List of Publications for the last 5 years:

1. Ajithram, A., Jappes, J. W., & Brintha, N. C. (2020). Investigation on utilization of water hyacinth aquatic plants towards various bio products–Survey. *Materials Today: Proceedings*.
2. Brintha, N. C., Jappes, J. W., Christo, N. J., & Khan, M. A. (2020). Adopting cloud computing for service integration–Wind mill blade manufacturing SMEs in India. *Materials Today: Proceedings*.
3. Chellaganesh, D., Khan, M. A., & Jappes, J. W. (2020). Thermal barrier coatings for high temperature applications–A short review. *Materials Today: Proceedings*.
4. Ajithram, A., Jappes, J. W., & Brintha, N. C. (2020). Water hyacinth (*Eichhornia crassipes*) natural composite extraction methods and properties–A review. *Materials Today: Proceedings*.
5. Bennet, C., Mayandi, K., Jappes, J. W., Rajini, N., & Siva, I. (2020). Tribological studies of surface-modified sansevieria cylindrica fiber-reinforced polyester composites. *Tribology of Polymer Composites: Characterization, Properties, and Applications*, 213.
6. Jappes, J. W., Brintha, N. C., Khan, M. A., & Christo, N. J. (2020). Effect of modified method of coating on particle incorporation and wear resistance of nickel–phosphorus–diamond composite coatings. *Materials Today: Proceedings*.
7. Brintha, N. C., Jappes, J. W., & Vignesh, M. S. (2020, August). Managing & Detecting Fishy Nodes in MANET using Cloud Concepts. In *2020 Third International Conference on Smart Systems and Inventive Technology (ICSSIT)* (pp. 166-169). IEEE.
8. 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.

9. Thirukumaran, M., Jappes, J. W., Siva, I., Ramanathan, R., & Brintha, N. C. (2020). On the interfacial adhesion of fiber metal laminates using surface modified aluminum 7475 alloy for aviation industries—a study. *Journal of Adhesion Science and Technology*, 34(6), 635-650.
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11. Durai, C., Khan, M. A., Jappes, J. W., Ghazaly, N. M., & Mashinini, P. M. (2020). Solid particle erosion studies on thermally deposited alumina–titania coatings over aluminium alloy. *International Journal of Minerals, Metallurgy and Materials*.
12. Brintha, N. C., Benedict, S., & Jappes, J. W. (2020). Resource allocation in cloud manufacturing using bat algorithm. *International Journal of Manufacturing Technology and Management*, 34(3), 296-310.
13. Ajithram, A., Jappes, J. W., Kumar, T. S. M., Rajini, N., Rajulu, A. V., Rangappa, S. M., & Siengchin, S. (2020). Water Hyacinth for Biocomposites—An Overview. In *Biofibers and Biopolymers for Biocomposites* (pp. 171-179). Springer, Cham.
14. Khan, M. A., Chellaganesh, D., Uthayakumar, M., Jappes, J. W., & Duraiselvam, M. (2020). Electrochemical Behaviour and Surface Studies on Austenitic Stainless Steel and Nickel-Based Superalloy Dissimilar Weld Joints. In *Materials Forming, Machining and Post Processing* (pp. 251-266). Springer, Cham.
15. Premkumar, T., Siva, I., Neis, P. D., Amico, S. C., Ferreira, N. F., & Jappes, J. W. (2019). Experimental design and theoretical analysis on the various tribological responses of curauá/polyester composites. *Materials Research Express*, 6(12), 125337.
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19. Chellaganesh, D., Khan, M. A., & Jappes, J. W. (2019). High temperature oxidation behavior of thermally sprayed alumina—titania coatings on nickel based superalloys. *Materials Research Express*, 6(8), 086521.
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27. 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.
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35. Senthilkumar, K., Siva, I., Rajini, N., Jappes, J. W., & Siengchin, S. (2018). Mechanical characteristics of tri-layer eco-friendly polymer composites for interior parts of aerospace application. In *Sustainable Composites for Aerospace Applications* (pp. 35-53). Woodhead Publishing.
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41. Siva, I., Jappes, J. T. W., & Suresha, B. (2012). Investigation on mechanical and tribological behavior of naturally woven coconut sheath-reinforced polymer composites. *Polymer composites*, 33(5), 723-732.
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