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List of Publications

1) Thirukumaran, M., **Jappes, J. W**., Siva, I., Ramanathan, R., &Brintha, N. C. 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, Vol. 34 No. 6, pp635-650, 2020
2) Brintha, N. C., Benedict, S., &**Jappes, J. W**. Resource allocation in cloud manufacturing using bat algorithm. International Journal of Manufacturing Technology and Management, Vol. 34 No. 3, pp296-310, 2020
3) Ajithram, A., **Jappes, J. W**., Kumar, T. S. M., Rajini, N., Rajulu, A. V., Rangappa, S. M., &Siengchin, S. Water Hyacinth for Biocomposites—An Overview. In Biofibers and Biopolymers for Biocomposites. pp. 171-179, 2020. Springer, Cham.
4) B A Raj, **JTW Jappes**, MA Khan, V Dillibabu, NC Brintha Direct metal laser sintered (DMLS) process to develop Inconel 718 alloy for turbine engine components, Optik Vol. 202, 2020, 163735
5) T Premkumar, I Siva, Patric D Neis, Sandro C Amico, Ney F Ferreira, **JT WinowlinJappes,** Experimental design and theoretical analysis on the various tribological responses of curauá/polyester composites, Materials Research Express, Vol. 6, No. 12, 2019
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7) B Anush Raj, **JT WinowlinJappes,** M Adam Khan, V Dillibabu, NC Brintha, Studies on heat treatment and electrochemical behaviour of 3D printed DMLS processed nickel-basedsuperalloy, Applied Physics A, 2019, Vol. 125, Issue 10.
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9) M Thirukumaran, **JT WinowlinJappes**, I Siva, , Sandro C Amico, S Anand Kumar, Sandro C Amico. Indentation Creep Response and Rupture Mechanisms in GLARE: Experimental and Statistical Evaluation, Journal of Testing and Evaluation, Vol. 49 No.3, 2019
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11) VN Anbazhagan, R Edwin Raj, **JT Jappes**. Development and characterization of novel fiber-metal-laminate (FML) using aluminium sheet and ceramic mat, Materials Express, Vol. 9 No. 4, pp358-364, 2019
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13) D Chellaganesh, MA Khan, **JTW Jappes**. High temperature oxidation behavior of thermally sprayed alumina—titania coatings on nickel based super alloys, Materials Research Express (Accepted), 2019
14) Brintha, NC, Shajulin Benedict and **WinowlinJappes, JT**. Resource allocation in cloud manufacturing using bat algorithm. International Journal of Manufacturing Technology and Management (IJMTM), Inderscience publishers. (Accepted), 2019

15) M Thirukumaran, I Siva, **JTW Jappes**, V Manikandan. Forming and drilling of fiber metal laminates–A review, Journal of Reinforced Plastics and Composites, Vol. 37 No. 14, pp981- 990, 2018
16) M. Thirukumaran, **JT. Winowlin Japes**, I. Siva, Sandro C Amico, J. PaluoDavim, "Investigation of Margin effect to minimize delamination during drilling of Differently Stacked GFRP-Aluminum Fiber Metal Laminates (3/2 GLARE)", Journal of Manufacturing Technology Research, Vol. 10 No. 1/2, pp17-27
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