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List of Publications

1. Jayapradha, A., Wesley, G. J. J., Vimalarani, G., Kumar, P. R., Subbiah, R., & Maniraj, S. (2020). Mathematical modeling and investigation on aluminium bronze MMC using ECM process. Materials Today: Proceedings. Jayapradha, A., Wesley, G. J. J., Vimalarani, G., Kumar, P. R., Subbiah, R., & Maniraj, S. (2020). Mathematical modeling and investigation on aluminium bronze MMC using ECM process. Materials Today: Proceedings.
2. Wesley, G. J. J., & Chauhan, S. (2019). Modeling and Performance Simulation of a Micro Turbojet Engine Using Flownex. Indian Journal of Science and Technology, 12, 22.
3. Jose, P. S. H., Wesley, G. J. J., & Kotteeswaran, R. (2006). EFFICACY OF CLASSICAL TUNING METHOD FOR NONLINEAR MULTI VARIABLE PROCESSES-A CASE STUDY WITH FLUIDIZED BED COAL GASIFIER.
4. Wesley, G. J. J., Srinivas, S., & Azgar Ali, M. D. (2019). Preparation and characterization of an aluminum 6061 alloy based metal matrix composite. Int J Eng Adv Technol, 8, 113-116.
5. Jose, P. S. H., Wesley, G. J. J., & Kotteeswaran, R. (2006). EFFICACY OF CLASSICAL TUNING METHOD FOR NONLINEAR MULTI VARIABLE PROCESSES-A CASE STUDY WITH FLUIDIZED BED COAL GASIFIER.
6. Wesley, G. J. J., & Chauhan, S. (2018, April). Parametric analysis of a down-scaled turbo jet engine suitable for drone and UAV propulsion. In AIP Conference Proceedings (Vol. 1952, No. 1, p. 020024). AIP Publishing LLC.
7. Wesley, G. J. J., Franklin, A. G., & Vijay, S. J. (2018). Fabrication and Mechanical Characterization of Stir Cast AA6063-Borosilicate-Fly Ash Hybrid Metal Matrix Composites. International Journal of Engineering & Technology, 7(3.6), 101-105.
8. Chauhan, S., & Wesley, G. J. J. (2018). Theoretical Design and Mass Modeling of a Single Spool Micro Turbojet Engine suitable for Drone and UAV Propulsion. International Journal of Pure and Applied Mathematics, 119(12), 16765-16772.
9. Moses, J. E., Jennitta, I., & Wesley, G. J. J. (2018). Studies on Controllable Aircraft Rescue System for Passenger Aircrafts using Multi Parachutes and Parafoils. International Journal of Vehicle Structures & Systems, 10(1), 1-5.
10. Jims, P. S. H., Dharmalingam, S., & Wesley, G. J. J. (2017, October). An Improved Method to Control the Critical Parameters of a Multivariable Control System. In IOP Conference Series: Materials Science and Engineering (Vol. 247, No. 1, p. 012006). IOP Publishing.

11. Wessley, G. J. J. (2017, October). Preliminary Investigation on the Effects of Shockwaves on Water Samples Using a Portable Semi-Automatic Shocktube. In IOP Conference Series: Materials Science and Engineering (Vol. 247, No. 1, p. 012002). IOP Publishing.
12. Jims, P. S. H., Dharmalingam, S., & Wessley, G. J. J. (2017, October). An Improved Method to Control the Critical Parameters of a Multivariable Control System. In IOP Conference Series: Materials Science and Engineering (Vol. 247, No. 1, p. 012006). IOP Publishing.
13. Wessley, G. J. J., & Chauhan, S. (2017). Investigation on scaling of gas turbine engines for drone propulsion. *International Journal of Engineering Technology, Management and Applied Sciences*, 5(6), 48-53.
14. Moses, J. E., Jennitta, I., & Wessley, G. J. J. (2017, March). Controllable aircraft rescue system: Rescue system using multi parachute for passenger aircrafts with case study. In 2017 First International Conference on Recent Advances in Aerospace Engineering (ICRAAE) (pp. 1-6). IEEE.
15. Wessley, J. J., Narciss, R. S., & Sandhya, S. S. (2017). Modelling of Optimal Tilt Angle for Solar Collectors Across Eight Indian Cities. *International Journal of Renewable Energy Research (IJRER)*, 7(1), 353-358.
16. Jims John Wessley, G., Jawahar, C. P., & Koshy Mathews, P. (2016). Preliminary investigations on an air-cooled based low temperature flash evaporation desalination system for small-scale applications. *Desalination and Water Treatment*, 57(34), 15735-15739.
17. Sandhya, S., Starbell, R. N., & Wessley, G. J. J. (2015, March). Study on performance enhancement of PV cells by water spray cooling for the climatic conditions of Coimbatore, Tamilnadu. In 2015 International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS) (pp. 1-5). IEEE.
18. John Wessley, J., & Mathews, K. (2015). Thermodynamic analysis of a single and two-stage solar assisted air-cooled flash evaporation desalination system for small-scale applications. *Desalination and Water Treatment*, 54(9), 2364-2375.
19. Sandhya, S., Starbell, R. N., & Wessley, G. J. J. (2014). Modeling and Analysis of Latitude-Based Solar Radiation Models Suitable for Indian Cities. *Journal of Basic and Applied Engineering Research*, 1(9), 120-123.