

Dr. G. Jims John Wessley

List of publications

1. Modelling of Optimal Tilt Angle for Solar Collectors Across Eight Indian cities G. Jims John Wessley, R. Narciisstarbellinternational journal of renewable energy research, 2017, 7 (1), 353-358
2. Experimental analysis of a flat plate solar collector system for small-scale desalination applicationsG Wessley, PK MathewsAdvanced Materials Research, 2014 984, 800-806
3. Preparation and characterization of an aluminium 6061 alloy based metal matrix compositeMD John Wessley, G.J., Srinivas, S., Azgar AliInternational Journal of Engineering and Advanced Technology 2019, 8 (3), 113-116
4. Investigations on low temperature flash evaporation desalination for small-scale applications gjj Wessley, PK MathewsInternational Journal of Engineering and Technology2013, 5 (5), 4109-4115
5. Performance Analysis of a Micro Turbofan Engine using Matlab and GSP Intended for the Propulsion of Male UAVsGJJW R. KrishnarajInternational Journal of Pure and Applied Mathematics2018, 118 (20), 157-163
6. An Improved Method to Control the Critical Parameters of a Multivariable Control SystemPSH Jims, S Dharmalingam, GJJ WessleyIOP Conference Series: Materials Science and Engineering 2017, 247 (1), 012006
7. Modeling and Analysis of Latitude-Based Solar Radiation Models Suitable for Indian CitiesS Sandhya, RN Starbell, GJJ WessleyJournal of Basic and Applied Engineering Research 2014 1 (9), 120-123
8. Modeling and Performance Simulation of a Micro Turbojet Engine Using Flownex SC G. Jims John WessleyIndian Journal of Science and Technology 2019, 12 (22), 1-5
9. Parametric analysis of a down-scaled turbo jet engine suitable for drone and UAV propulsionGJJ Wessley, S ChauhanAIP Conference Proceedings 2018, 1952 (1), 020024
10. Fabrication and Mechanical Characterization of Stir Cast AA6063-Borosilicate-Fly Ash Hybrid Metal Matrix CompositesGJJ Wessley, AG Franklin, SJ VijayInternational Journal of Engineering & Technology 2018, 7 (3.6), 101-105
11. Preliminary investigations on an air-cooled based low temperature flash evaporation desalination system for small-scale applicationsG. Jims John Wessley, C.P. Jawahar, P. Koshy MathewsDesalination and Water Treatment 2016 57 (34), 15735 - 15739
12. Thermodynamic analysis of a single and two-stage solar assisted air-cooled flash evaporation desalination system for small-scale applicationsJJWK MathewsDesalination and Water Treatment 2015 54 (9), 2364–2375

13. Mathematical modeling and investigation on aluminium bronze MMC using ECM processSM A. Jayapradha, G.Jims John Wessley, G.Vimalarani, P.Ramesh Kumar, RamSubbiahMaterials Today, 2020
14. Experimental investigations on the performance of a modified co-flow jet aerofoilGJJW K BalajiIndian Journal of Science and Technology, 2020 13 (19), 1873-1881
15. E-Waste: Environmental issues and management - A reviewPSH Jose, P.S., Kathires, M., Wessley, G.J.J., JoseIndian Journal of Environmental Protection 2019, 39 (10), 954-958
16. Efficacy of classical tuning method for nonlinear multi variable processes - A case study with fluidized bed coal gasifierR Subha Hency Jose, P., Jims John Wessley, G., KotteeswaranARPN Journal of Engineering and Applied Sciences 2019, 14 (12), 2170-2184
17. Parametric analysis of a down-scaled turbo jet engine suitable for drone and UAV propulsion GJJ Wessley, S ChauhaAIP Conference Proceedings 2018, 1952 (1), 020024
18. Parametric analysis of a dual combustion ramjet engineS Wessley, G.J.J., Pradeep International Journal of Recent Technology and Engineering 2019, 7 (6), 130-135
19. Performance Analysis of a Micro Turbofan Engine using Matlab and GSP Intended for the Propulsion of Male UAVsGJJW R. KrishnarajInternational Journal of Pure and Applied Mathematics, 2018, 118 (20), 157-163
20. Preliminary Investigation on the Effects of Shockwaves on Water Samples Using a Portable Semi-Automatic ShocktubeGJJ WessleyIOP Conference Series: Materials Science and Engineering, 2016 247 (1), 012002
21. Preliminary investigations on an air-cooled based low temperature flash evaporation desalination system for small-scale applicationsG. Jims John Wessley, C.P. Jawahar, P. Koshy Mathews Desalination and Water Treatment, 2016, 57 (34), 15735 - 15739
22. Preparation and characterization of an aluminium 6061 alloy based metal matrix composite MD John Wessley, G.J., Srinivas, S., Azgar AliInternational Journal of Engineering and Advanced Technology, 2019 8 (3), 113-116
23. Studies on Controllable Aircraft Rescue System for Passenger Aircrafts using Multi Parachutes and ParafoilsJE Moses, I Jennitta, GJJ WessleyInternational Journal of Vehicle Structures & Systems 2018, 10 (1), 1-5
24. Theoretical Design and Mass Modeling of a Single Spool Micro Turbojet Engine suitable for Drone and UAV PropulsionS Chauhan, GJJ WessleyInternational Journal of Pure and Applied Mathematics 2018, 119 (12), 16765-16772
25. Thermodynamic analysis of a single and two-stage solar assisted air-cooled flash evaporation desalination system for small-scale applicationsJJWK MathewsDesalination and Water Treatment 2015, 54 (9), 2364–2375

26. Thermodynamic performance analysis of a micro turbojet engine for UAV and drone propulsionGJ
Chauhan, S., John WesleyInternational Journal of Recent Technology and Engineering 2019, 7 (5),1-6