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DETAILS OF PUBLICATIONS LAST FIVE YEARS

1. Haldorai, Sivarathinamoorthy, **Sureshkannan Gurusamy**, and Maruthaiyan Pradhapraj. "A review on thermal energy storage systems in solar air heaters." International Journal of Energy Research 43.12 (2019): 6061-6077.
2. PCGTAW, VPLIV AVTOGENEGA VARJENJA S. POSTOPKOM. "EFFECT OF PCGTAW ON THE INCONEL 690 ALLOY WITH RESPECT TO MICROSEGREGATION ATTAINMENT IN COMPARISON WITH THE BASE METAL PROCESSED WITH AUTOGENOUS WELDING." Materiali in tehnologije 53.1 (2019): 9-15.
3. Sivalingam, S., **Sureshkannan, G.**, Balaji, D., & Rajeshkumar, L. (2020). Influence of filler wire on mechanical and metallurgical behaviour of Inconel 690 alloy welded by pulsed current gas tungsten arc welding. Tierarztilich Praxis, 40(1), 69-82.
4. Velliangiri, M., **Sureshkannan, G.**, Karthikeyan, M., & Karthik, K. (2020). Selection of one Suitable Piston Bowl Chamber among Three Different Swirl Ratio Piston Bowls for Ethanol direct injection on CI Engine. Solid State Technology, 63(6), 7979-7997.
5. Rajendran, Shenbagaraj, **SureshKannan Gurusamy**, Vellingiri Sakthivel, and Hariharan Natarajan. "Enhancing Liquefied Petroleum Gas utilization in Compression-Ignition engine powered with Renewable Fuel under Dual Fuel concept-An Experimental Study." Energy Sources, Part A: Recovery, Utilization, and Environmental Effects (2020): 1-18.
6. Sivarathinamoorthy, H., & **Sureshkannan, G.** (2020). The influence of internal heat storage material and longitudinal fins on a double-pass solar air heater performance. Journal of Solar Energy Engineering, 1-18.
7. Manikanda, Prabu N., **G. Sureshkannan**, S. Suresh, and Kumar AP Senthil. "Heat transfer analysis of looped micro heat pipes with graphene oxide Nanofluid for Li-ion battery." Thermal Science 00 (2020): 218-218.
8. Manikanda Prabu, N., **Sureshkannan, G.**, Maniiarasan, P., & Thangarasu, V. S. (2019). Experimental Study on Heat Treatment of SS 420 and EN 24 Using Nanoparticulate Quenching Process. International Journal of Nanoscience, 18(06), 1850040.

9. Subramaniam¹, Thangarasu, Dhandapani Velliangiri, and **Sureshkannan Gurusamy**. "A STUDY OF MODELING AND FINITE ELEMENT ANALYSIS OF AUTOMOTIVE VEHICLE WHEEL RIM ASSEMBLY FOR THE DEFORMATION AND VARIOUS STRESS DISTRIBUTION." Int J Adv Engg Tech/Vol. VII/Issue I/Jan.-March 29 (2016): 33.
10. Thangarasu Subramaniam, Dhandapani Velliangiri , **Sureshkannan Gurusamy**, "A Study of Modeling and Finite Element Analysis of Automotive Vehicle Wheel Rim Assembly for the Deformation and Various Stress Distribution", International Journal of Advanced Engineering Technology, Vol. VII/Issue I/ pp. 29-33, 2016
11. Thangarasu Subramaniam, Dhandapani Velliangiri , **Sureshkannan Gurusamy**, "Design, Coupled Field Simulation and Implementation of Micro- Electro Mechanical Gripper by Finite Element Method Approach", International Journal of Advanced Engineering Technology, Vol. VII/Issue I/ pp. 34-37, 2016.
12. Thangarasu V S, **Sureshkannan G**, Dhandapani N V, "Design and Experimental Investigation of Forward Curved, Backward Curved and Radial Blade Impellers of Centrifugal Blower", Australian Journal of Basic and Applied Sciences, Vol. 9, No.1, pp. 71-75, 2015.