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Publications:

1. R Thirunavukkarasu, S Periyasamy, "Enhancing Diesel Engine Performance and Balancing Emissions with Effect and Contribution of MgO-ZrO₂ and Al₂O₃ Layered Piston", Arabian Journal for Science and Engineering, 1-9, 2020.
2. A Vadivell, S Periyasamy, "Experimental Investigation of Thermal Barrier (8YSZ/MGO- TiO₂) Coated Piston used in Diesel Engine.", Journal of Applied Fluid Mechanics 13 (4), 2020.
3. S Pandian, AS Saravanan, P Sivanandi, M Santra, VK Booramurthy, "Application of heterogeneous acid catalyst derived from biomass for biodiesel process intensification: a comprehensive review", Refining Biomass Residues for Sustainable Energy and Bioproducts, 87-109, 2020.
4. S Periyasamy, VK SS, A Gopalakrishnan, "Microgeometry Optimization of Spur Gear for Electric and Hybrid Vehicle Applications", 2019 IEEE Transportation Electrification Conference (ITEC-India), 1-5, 2019.
5. SP M. Sanjai, "An Inventory Model for Imperfect Production System with Rework and shortages", International Journal of Operation Research 34, 2019.
6. D Sathish, R Thirunavukkarasu, S Jegadeeswaran, S Periyasamy, "Experimental Investigation on Shallow Solar Pond Using CuO Nano Particles", Applied Mechanics and Materials 877, 409-413, 2018.
7. AS Saravanan, S Periyasamy, P SivaKumar, "Production of Biofuel from Shorea Robusta Seed Oil Using Nano MgO Catalyst", International Conference on Nano for Energy and Water, 113-118, 2017.
8. SK S.Madhankumar, Dr.K.Manonmani, Dr.S.Periyasamy, S.Rajesh, "Experimental Study of Effect of Parameters on Material Removal Rate for Electrochemical Machining of Aluminium Matrix Composite", International Journal of Creative Research Thoughts- 5 (1), 1062-1065, 2017.
9. SK P.Xavier Vivek Paul, Dr.S.Periyasamy, "Optimization of Process Parameters of Friction and Wear Behavior of TiB₂ Reinforced In-Situ Composites", International Journal of Engineering research 4 (3), 130-134, 2016.
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