RESUME

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1. Rajkumar Ramasubbu, Sankaranarayanan Madasamy (2020) "Fabrication of Automobile Component Using Hybrid Natural Fiber Reinforced Polymer Composite" Journal of Natural Fibers, 2020/5/18.

2. Senthil Ganesh Subramanian, R Rajkumar, T Ramkumar (2019) "Characterization of Natural Cellulosic Fiber from Cereus Hildmannianus" Journal of Natural Fibers, 2019/6/11.

3. R Rajkumar, RB Jeen Robert (2019) "A Hybrid Algorithm for Multi-Objective Optimization of Minimizing Makespan and Total Flow Time in Permutation Flow Shop Scheduling Problems" Information Technology and Control, 2019/3/25.

4. I Vimal Kannan, R Rajkumar (2019) "Deformation and energy absorption analysis of simple and multi-cell thin-walled tubes under quasi-static axial crushing" International Journal of Crashworthiness, 2019/2/23.

5. Robert Bellabai Jeen Robert, Ramasubbu Rajkumar (2019) "Multi-Objective Optimization Using Hybrid Algorithm And Its Application To Scheduling In Flow Shops" Comptes Rendus De L Academie Bulgare Des Sciences, 2019/1/1.

6. Sahib Shanon Ibrahim (2018) "Biodiversity of Mollusks in Rumaitha river-Iraq" International Journal of Research in Pharmaceutical Sciences, 2018/7/12.

7. A.Muthiah, R. Rajkumar (2018) "Production Scheduling Solving Problem with Sequence Dependent set-up times by using Genetic Algorithm" perspectivas em ciencia da informacao, 2018/2.

8. Manikandan Annamalai, Rajkumar Ramasubbu (2018) "Optimizing the formulation Of E-glass fiber and cotton shell particles hybrid composites for their mechanical behavior by mixture design analysis" Materiali in tehnologije, 2018/1/1.

9. R. Rajkumar A. Muthiah (2017) "A novel algorithm for solving job-shop scheduling problem" MECHANIKA, 2017/5.

10. R.B. Jeen Robert, R. Rajkumar (2017) "An effective genetic algorithm for flow shop scheduling problems to minimize makespan" MECHANIKA, 2017/5.

11. A Muthiah, R Rajkumar (2017) "Scheduling problem solving using genetic and greedy algorithms" International Journal of Computer Aided Engineering and Technology, 2017.

12. A Manikandan, R Rajkumar (2016) "Physicochemical and tensile properties of alkaline-treated new natural cellulosic Gossypium arboreum fiber" International Journal of Polymer Analysis and Characterization, 2016/10/2.

13. A Muthiah, A Rajkumar, R Rajkumar (2016) "Hybridization of artificial bee colony algorithm with particle swarm optimization algorithm for flexible job shop scheduling" 2016 international conference on energy efficient technologies for sustainability (ICEETS), 2016/4/7.

14. R Rajkumar (2015) "Improving irrigation system performance in lower Bhavani project" ANNA UNIVERSITY CHENNAI, 2015/12/25.

15. CS Saileshwar, R Rajkumar, S Subash (2015) "Design of a Vision Based Bottle Cap Inspection System" Applied Mechanics & Materials, 2015/5/22.

16. Annamalai Manikandan, R Rajkumar (2015) "Mechanical Characterization of Low Cost Natural Fiber Particles Reinforced With Polymer Composites" Applied Mechanics and Materials, 2015.

17. Aathi Muthiah, R Rajkumar, B Muthukumar (2015) "Minimizing makespan in job shop scheduling problem using genetic algorithm" Applied Mechanics and Materials, 2015.

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