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PUBLICATIONS:

1. Subramanian, S. G., Rajkumar, R., & Ramkumar, T. (2019). Characterization of natural cellulosic fiber from *Cereus hildmannianus*. *Journal of Natural Fibers*, 1-12.
2. Rajkumar, R., & Robert, R. J. (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*, 48(1), 47-57.
3. Kannan, I. V., & Rajkumar, R. (2019). Deformation and energy absorption analysis of simple and multi-cell thin-walled tubes under quasi-static axial crushing. *International Journal of Crashworthiness*.
4. Robert, R. B. J., & Rajkumar, R. (2019). MULTI-OBJECTIVE OPTIMIZATION USING HYBRID ALGORITHM AND ITS APPLICATION TO SCHEDULING IN FLOW SHOPS. *COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES*, 72(1), 107-114.
5. RB, J. R., & Rajkumar, R. (2017). An effective genetic algorithm for flow shop scheduling problems to minimize makespan. *Mechanics*, 23(4), 594-603.
6. Muthiah, A., & Rajkumar, R. (2017). Scheduling problem solving using genetic and greedy algorithms. *International Journal of Computer Aided Engineering and Technology*, 9(2), 207-217.
7. Manikandan, A., & Rajkumar, R. (2016). Physicochemical and tensile properties of alkaline-treated new natural cellulosic *Gossypium arboreum* fiber. *International Journal of Polymer Analysis and Characterization*, 21(7), 628-635.
8. Manikandan, A., & Rajkumar, R. (2016). Evaluation of mechanical properties of synthetic fiber reinforced polymer composites by mixture design analysis. *Polymers and Polymer Composites*, 24(7), 455-462.

9. Rajkumar, R., Manikandan, A., & Saravanakumar, S. S. (2016). Physicochemical properties of alkali-treated new cellulosic fiber from cotton shell. *International Journal of Polymer Analysis and Characterization*, 21(4), 359-364.
10. Muthiah, A., Rajkumar, A., & Rajkumar, R. (2016, April). Hybridization of artificial bee colony algorithm with particle swarm optimization algorithm for flexible job shop scheduling. In *2016 international conference on energy efficient technologies for sustainability (ICEETS)* (pp. 896-903). IEEE.
11. Rajkumar, R. (2015). *Improving irrigation system performance in lower Bhavani project* (Doctoral dissertation, ANNA UNIVERSITY CHENNAI).
12. Saileshwar, C. S., Rajkumar, R., & Subash, S. (2015). Design of a Vision Based Bottle Cap Inspection System. *Applied Mechanics & Materials*, 787.
13. Muthiah, A., & Rajkumar, R. (2017). Scheduling problem solving using genetic and greedy algorithms. *International Journal of Computer Aided Engineering and Technology*, 9(2), 207-217.
14. Manikandan, A., & Rajkumar, R. (2015). Mechanical Characterization of Low Cost Natural Fiber Particles Reinforced With Polymer Composites. In *Applied Mechanics and Materials* (Vol. 813, pp. 79-83). Trans Tech Publications Ltd.
15. Muthiah, A., Rajkumar, R., & Muthukumar, B. (2015). Minimizing makespan in job shop scheduling problem using genetic algorithm. In *Applied Mechanics and Materials* (Vol. 813, pp. 1183-1187). Trans Tech Publications Ltd.