

Journal Paper :

1. **Fuh-Der Chou**, “Minimising the total weighted tardiness for non-identical parallel batch processing machines with job release times and non-identical job sizes,” European Journal of Industrial Engineering, 2012 (*SCI Accepted*). (NSC 97-2221-E-231-009)
2. Ling-Huey Su, **Fuh-Der Chou** and James C. Chen, “Minimizing makespan subject to minimum total absolute deviation of completion time on identical parallel machines”, Engineering Optimization, DOI:10.1080/0305215X.2011.644544, 2011 (*SCI On-Line*)
3. Hui-Mei Wang, **Fuh-Der Chou**, Ful-Chiang Wu and Meei-Yuh Ku, “Hybrid Flow Shop Scheduling Problems with Multiprocessor Tasks,” Applied Mechanics and Materials, Vols.110-116, January, pp 3914-3921, 2012 (*EI*).
4. **Fuh-Der Chou** and Hui-Mei Wang, “Minimizing total weighted tardiness on parallel batch-processing machine scheduling problems with varying machine capacities,” Applied Mechanics and Materials, Vols.110-116, January, pp 3906-3913, 2012 (*EI*). (*NSC 97-2221-E-231-009*)
5. Ling-Huey Su, Wei-Yi Chang and **Fuh-Der Chou**, “Minimizing maximum lateness on identical parallel machines with flexible resources and machine eligibility constraints”, The International Journal of Advanced Manufacturing Technology, Volume 56, Numbers 9-12 / October, pp. 1195~1204, 2011. (*SCI*)
6. **Fuh-Der Chou** and Hui-Mei Wang, “Genetic algorithm for parallel-machine batching and scheduling to minimize total weighted tardiness”, Applied Mechanics and Materials, Vol. 58-60, June, pp. 1142-1147, 2011 (*EI*). (*NSC 97-2221-E-231-009*)
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11. **Fuh-Der Chou**, Hui-Mei Wang and Pei-Chann Chang, “A simulated annealing approach with probability matrix for Semiconductor Dynamic scheduling problem”, Expert Systems With Applications , Volume 35, Numbers 4 / November, pp. 1889~1898, 2008. (*SCI*)
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- machine to minimize total weighted tardiness", Journal of the Chinese Institute of Industrial Engineers, Vol. 25, No. 2, pp. 136~147, 2008 (*TSSCI, EI*). (*NSC 95-2221-E-231-017*)
13. *Fuh-Der Chou*, "A joint GA+DP approach for single burn-in oven scheduling problems with makespan criterion", The International Journal of Advanced Manufacturing Technology, Volume 35, Numbers 5-6 / December, pp. 587~595, 2007. (*SCI*)
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