# Atabak Elmi

List of Publications by Year
in descending order



| 16 | 406 | 933447 10 | 1125743 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 16 | 16 | 16 | 354 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A simulated annealing algorithm for the job shop cell scheduling problem with intercellular moves and reentrant parts. Computers and Industrial Engineering, 2011, 61, 171-178. | 6.3 | 83 |
| 2 | Combinatorial Benders cuts for assembly line balancing problems with setups. European Journal of Operational Research, 2017, 259, 527-537. | 5.7 | 57 |
| 3 | A scheduling problem in blocking hybrid flow shop robotic cells with multiple robots. Computers and Operations Research, 2013, 40, 2543-2555. | 4.0 | 50 |
| 4 | A tabu search approach for cell scheduling problem with makespan criterion. International Journal of Production Economics, 2013, 141, 639-645. | 8.9 | 45 |
| 5 | Multi-degree cyclic flow shop robotic cell scheduling problem: Ant colony optimization. Computers and Operations Research, 2016, 73, 67-83. | 4.0 | 34 |
| 6 | Scheduling multiple parts in hybrid flow shop robotic cells served by a single robot. International Journal of Computer Integrated Manufacturing, 2014, 27, 1144-1159. | 4.6 | 31 |
| 7 | Cyclic job shop robotic cell scheduling problem: Ant colony optimization. Computers and Industrial Engineering, 2017, 111, 417-432. | 6.3 | 29 |
| 8 | A tabu search approach for group scheduling in buffer-constrained flow shop cells. International Journal of Computer Integrated Manufacturing, 2011, 24, 257-268. | 4.6 | 27 |
| 9 | Multi-degree cyclic flow shop robotic cell scheduling problem with multiple robots. International Journal of Computer Integrated Manufacturing, 2017, 30, 805-821. | 4.6 | 13 |
| 10 | Exploiting a fleet of UAVs for monitoring and data acquisition of a distributed sensor network. Neural Computing and Applications, 2022, 34, 5041-5054. | 5.6 | 12 |
| 11 | Distributed assembly permutation flow shop problem; Single seekers society algorithm. Journal of Manufacturing Systems, 2021, 61, 613-631. | 13.9 | 11 |
| 12 | An Ant Colony Optimisation Based Heuristic for Mixed-model Assembly Line Balancing with Setups. , 2020, , . | | 6 |
| 13 | Cyclic Flow Shop Robotic Cell Scheduling Problem With Multiple Part Types. IEEE Transactions on Engineering Management, 2022, 69, 3240-3252. | 3.5 | 4 |
| 14 | A Benderâ€™s Algorithm of Decomposition Used for the Parallel Machine Problem of Robotic Cell. Mathematics, 2021, 9, 1730. | 2.2 | 3 |
| 15 | Simulated Annealing for Single and Mixed Model Assembly Line Balancing with Setups. , 2020, , . | | 1 |
| 16 | Minimising Cycle Time in Assembly Lines: A Novel Ant Colony Optimisation Approach. Lecture Notes in Computer Science, 2020, , 125-137. | 1.3 | 0 |