# Nadjib Brahimi

List of Publications by Year
in descending order

| 23 papers | 862 citations | 687363 13 h-index | 713466 21 g-index |
|-----------|---------------|---------------------|---------------------|
| 23 all docs | 23 docs citations | 23 times ranked | 640 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Single item lot sizing problems. European Journal of Operational Research, 2006, 168, 1-16. | 5.7 | 268 |
| 2 | Single-item dynamic lot-sizing problems: An updated survey. European Journal of Operational Research, 2017, 263, 838-863. | 5.7 | 133 |
| 3 | Reconfigurable manufacturing systems from an optimisation perspective: a focused review of literature. International Journal of Production Research, 2021, 59, 6400-6418. | 7.5 | 81 |
| 4 | Multi-item production routing problem with backordering: a MILP approach. International Journal of Production Research, 2016, 54, 1076-1093. | 7.5 | 55 |
| 5 | Capacitated Multi-Item Lot-Sizing Problems with Time Windows. Operations Research, 2006, 54, 951-967. | 1.9 | 47 |
| 6 | Production planning with order acceptance and demand uncertainty. Computers and Operations Research, 2018, 91, 145-159. | 4.0 | 42 |
| 7 | Integrated production planning and order acceptance under uncertainty: A robust optimization approach. European Journal of Operational Research, 2013, 228, 504-515. | 5.7 | 41 |
| 8 | Heuristics Based on Genetic Algorithms for the Capacitated Multi Vehicle Production Distribution Problem. Computers and Operations Research, 2018, 96, 108-119. | 4.0 | 27 |
| 9 | Integrating order acceptance decisions with flexible due dates in a production planning model with load-dependent lead times. International Journal of Production Research, 2015, 53, 3810-3822. | 7.5 | 24 |
| 10 | A two-phase sequential approach to design bioenergy supply chains under uncertainty and social concerns. Computers and Chemical Engineering, 2021, 145, 107131. | 3.8 | 21 |
| 11 | A literature review of optimization problems for reconfigurable manufacturing systems. IFAC-PapersOnLine, 2019, 52, 433-438. | 0.9 | 20 |
| 12 | Models and Lagrangian heuristics for a two-level lot-sizing problem with bounded inventory. OR Spectrum, 2015, 37, 983-1006. | 3.4 | 18 |
| 13 | Robust optimization approaches for purchase planning with supplier selection under lead time uncertainty. European Journal of Operational Research, 2022, 303, 1199-1215. | 5.7 | 18 |
| 14 | Warehouse location with production, inventory, and distribution decisions: a case study in the lube oil industry. 4or, 2014, 12, 175-197. | 1.6 | 14 |
| 15 | Polyhedral and Lagrangian approaches for lot sizing with production time windows and setup times. Computers and Operations Research, 2010, 37, 182-188. | 4.0 | 13 |
| 16 | Cooperative Education in an Industrial Engineering Program. Procedia, Social and Behavioral Sciences, 2013, 102, 446-453. | 0.5 | 12 |
| 17 | Modeling and solving a one-supplier multi-vehicle production-inventory-distribution problem with clustered retailers. International Journal of Advanced Manufacturing Technology, 2016, 85, 971-989. | 3.0 | 10 |
| 18 | A Lagrangian heuristic for capacitated single item lot sizing problems. 4or, 2015, 13, 173-198. | 1.6 | 9 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | An exact algorithm for the single liner service design problem with speed optimisation. International Journal of Production Research, 2021, 59, 6809-6832. | 7.5 | 4 |
| 20 | Integrated dynamic single item lot-sizing and quality inspection planning. International Journal of Production Research, 2018, 56, 2611-2627. | 7.5 | 3 |
| 21 | An integrated production planning and order acceptance model with flexible due dates. , 2013, , . | | 1 |
| 22 | Surviving disruption: nature inspired solutions. Journal of Organizational Change Management, 2022, ahead-of-print, . | 2.7 | 1 |
| 23 | Designing Bioenergy Supply Chains Under Social Constraints. IFIP Advances in Information and Communication Technology, 2021, , 387-396. | 0.7 | 0 |