

Arianna Alfieri

List of Publications by Year in descending order

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34
papers

371
citations

933447

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839539

18
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36
all docs

36
docs citations

36
times ranked

268
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A two-stage stochastic programming project scheduling approach to production planning. International Journal of Advanced Manufacturing Technology, 2012, 62, 279-290. | 3.0 | 56 |
| 2 | A project scheduling approach to production planning with feeding precedence relations. International Journal of Production Research, 2011, 49, 995-1020. | 7.5 | 46 |
| 3 | Mathematical programming formulations for approximate simulation of multistage production systems. European Journal of Operational Research, 2012, 219, 773-783. | 5.7 | 36 |
| 4 | Integrated simulation-optimisation of pull control systems. International Journal of Production Research, 2015, 53, 4317-4336. | 7.5 | 23 |
| 5 | A project scheduling approach to production and material requirement planning in Manufacturing-to-Order environments. Journal of Intelligent Manufacturing, 2012, 23, 575-585. | 7.3 | 22 |
| 6 | Design and control of manufacturing systems: a discrete event optimisation methodology. International Journal of Production Research, 2018, 56, 543-564. | 7.5 | 21 |
| 7 | Mathematical programming representation of pull controlled single-product serial manufacturing systems. Journal of Intelligent Manufacturing, 2012, 23, 23-35. | 7.3 | 18 |
| 8 | Personnel scheduling in a complex logistic system: a railway application case. Journal of Intelligent Manufacturing, 2007, 18, 223-232. | 7.3 | 16 |
| 9 | Dynamic inventory rationing: How to allocate stock according to managerial priorities. An empirical study. International Journal of Production Economics, 2017, 189, 14-29. | 8.9 | 15 |
| 10 | A multi-objective tabu search algorithm for product portfolio selection: A case study in the automotive industry. Computers and Industrial Engineering, 2020, 142, 106382. | 6.3 | 12 |
| 11 | Minimum cost multi-product flow lines. Annals of Operations Research, 2007, 150, 31-46. | 4.1 | 10 |
| 12 | Technical, economic, and environmental performance assessment of manufacturing systems: the multi-layer enterprise input-output formalization method. Production Planning and Control, 2024, 35, 133-150. | 8.8 | 10 |
| 13 | A heuristic approach to batching and scheduling a single machine to minimize setup costs. Computers and Industrial Engineering, 2004, 46, 793-802. | 6.3 | 9 |
| 14 | Mathematical programming time-based decomposition algorithm for discrete event simulation. European Journal of Operational Research, 2013, 231, 557-566. | 5.7 | 9 |
| 15 | Comparing Competitive Priorities of Slow Fashion and Fast Fashion Operations of Large Retailers in an Emerging Economy. Global Journal of Flexible Systems Management, 2022, 23, 1-19. | 6.3 | 9 |
| 16 | Part Batching and Scheduling in a Flexible Cell to Minimize Setup Costs. Journal of Scheduling, 2003, 6, 87-108. | 1.9 | 8 |
| 17 | Two-machine lot streaming with attached setup times. IIE Transactions, 2012, 44, 695-710. | 2.1 | 8 |
| 18 | Inventory theory and the Beer Game. International Journal of Logistics Research and Applications, 2017, 20, 381-404. | 8.8 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Single-Machine Scheduling Problems with Generalized Preemption. <i>INFORMS Journal on Computing</i> , 2009, 21, 1-12. | 1.7 | 6 |
| 20 | Roll cutting in the curtain industry, or: A well-solvable allocation problem. <i>European Journal of Operational Research</i> , 2007, 183, 1397-1404. | 5.7 | 4 |
| 21 | Sequencing a batching flexible cell to minimise set-up costs. <i>International Journal of Production Research</i> , 2014, 52, 2461-2476. | 7.5 | 4 |
| 22 | Dynamic programming algorithms and Lagrangian lower bounds for a discrete lot streaming problem in a two-machine flow shop. <i>4or</i> , 2021, 19, 265-288. | 1.6 | 4 |
| 23 | Assessing the quality of heuristic solutions to parallel machines min-max scheduling problems. <i>International Journal of Production Economics</i> , 2009, 122, 755-762. | 8.9 | 3 |
| 24 | Automotive Returnable Container Management with RFID:A Simulation Approach. <i>IFAC-PapersOnLine</i> , 2019, 52, 325-330. | 0.9 | 3 |
| 25 | SIMULATION-BASED BENDERS CUTS: A NEW CUTTING APPROACH TO APPROXIMATELY SOLVE SIMULATION-OPTIMIZATION PROBLEMS. , 2018, , . | | 2 |
| 26 | Buffer allocation problem in production flow lines: A new Benders-decomposition-based exact solution approach. <i>IIE Transactions</i> , 0, , 1-15. | 2.4 | 2 |
| 27 | Project Scheduling for Aggregate Production Scheduling in Make-to-Order Environments. , 2015, , 1249-1266. | | 2 |
| 28 | A time-based decomposition algorithm for fast simulation with mathematical programming models. , 2012, , . | | 1 |
| 29 | Impact of urban satellites in fast fashion last mile distribution. <i>International Journal of Logistics Research and Applications</i> , 2022, 25, 1564-1582. | 8.8 | 1 |
| 30 | Hospital volume allocation: integrating decision maker and patient perspectives. <i>Health Care Management Science</i> , 2021, , 1. | 2.6 | 1 |
| 31 | Time Buffer Control System for multi-stage production lines. , 2014, , . | | 0 |
| 32 | A simulation based cut generation approach to improve DEO efficiency: The Buffer Allocation case. , 2016, , . | | 0 |
| 33 | Improving surgical outcomes through optimal volumes allocation. <i>Flexible Services and Manufacturing Journal</i> , 2018, 30, 272-295. | 3.4 | 0 |
| 34 | Feasibility Cut Generation by Simulation: Server Allocation in Serial-Parallel Manufacturing Systems. , 2019, , . | | 0 |