

Stefan Helber

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,322
citations

361045

20
h-index

395343

33
g-index

36
all docs

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docs citations

36
times ranked

915
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A regeneration process chain with an integrated decision support system for individual regeneration processes based on a virtual twin. <i>International Journal of Production Research</i> , 2022, 60, 4137-4158. | 4.9 | 3 |
| 2 | Designing Dynamic Inductive Charging Infrastructures for Airport Aprons with Multiple Vehicle Types. <i>Energies</i> , 2022, 15, 4085. | 1.6 | 2 |
| 3 | Simultaneous structuring and scheduling of multiple projects with flexible project structures. <i>Journal of Business Economics</i> , 2020, 90, 679-711. | 1.3 | 3 |
| 4 | Quantitative approaches in production management. <i>OR Spectrum</i> , 2019, 41, 867. | 2.1 | 2 |
| 5 | Contributions to stochastic models of manufacturing and service operations. <i>IIE Transactions</i> , 2018, 50, 141-142. | 1.6 | 2 |
| 6 | Flexible versus robust lot-scheduling subject to random production yield and deterministic dynamic demand. <i>IIE Transactions</i> , 2018, 50, 217-229. | 1.6 | 3 |
| 7 | Profit-oriented scheduling of resource-constrained projects with flexible capacity constraints. <i>Business Research</i> , 2018, 11, 329-356. | 4.0 | 10 |
| 8 | Location Planning for Dynamic Wireless Charging Systems for Electric Airport Passenger Buses. <i>Energies</i> , 2018, 11, 258. | 1.6 | 30 |
| 9 | A Generic Approach to Analyze the Impact of a Future Aircraft Design on the Boarding Process. <i>Energies</i> , 2018, 11, 303. | 1.6 | 6 |
| 10 | Quality- and profit-oriented scheduling of resource-constrained projects with flexible project structure via a genetic algorithm. <i>European Journal of Industrial Engineering</i> , 2016, 10, 574. | 0.5 | 11 |
| 11 | Simultaneous production and maintenance planning for a single capacitated resource facing both a dynamic demand and intensive wear and tear. <i>Central European Journal of Operations Research</i> , 2016, 24, 489-513. | 1.1 | 8 |
| 12 | A hierarchical facility layout planning approach for large and complex hospitals. <i>Flexible Services and Manufacturing Journal</i> , 2016, 28, 5-29. | 1.9 | 42 |
| 13 | Scheduling resource-constrained projects with a flexible project structure. <i>European Journal of Operational Research</i> , 2015, 246, 379-391. | 3.5 | 53 |
| 14 | Dynamic capacitated lot sizing with random demand and dynamic safety stocks. <i>OR Spectrum</i> , 2013, 35, 75-105. | 2.1 | 72 |
| 15 | Decision support for rehabilitation hospital scheduling. <i>OR Spectrum</i> , 2012, 34, 461-489. | 2.1 | 30 |
| 16 | Setting Inventory Levels of CONWIP Flow Lines via Linear Programming. <i>Business Research</i> , 2011, 4, 98-115. | 4.0 | 10 |
| 17 | Using linear programming to analyze and optimize stochastic flow lines. <i>Annals of Operations Research</i> , 2011, 182, 193-211. | 2.6 | 28 |
| 18 | Profit-oriented shift scheduling of inbound contact centers with skills-based routing, impatient customers, and retrials. <i>OR Spectrum</i> , 2010, 32, 109-134. | 2.1 | 33 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Dynamic capacitated lot-sizing problems: a classification and review of solution approaches. OR Spectrum, 2010, 32, 231-261. | 2.1 | 235 |
| 20 | A fix-and-optimize approach for the multi-level capacitated lot sizing problem. International Journal of Production Economics, 2010, 123, 247-256. | 5.1 | 166 |
| 21 | Solving a multi-level capacitated lot sizing problem with multi-period setup carry-over via a fix-and-optimize heuristic. Computers and Operations Research, 2009, 36, 2546-2553. | 2.4 | 154 |
| 22 | Application of a real-world university-course timetabling model solved by integer programming. OR Spectrum, 2007, 29, 783-803. | 2.1 | 53 |
| 23 | Analysis of flow lines with Cox-2-distributed processing times and limited buffer capacity. , 2006, , 55-76. | | 3 |
| 24 | Erfolgszielorientierte Agentenallokation in Inbound Call-Centern. Schmalenbachs Zeitschrift Fur Betriebswirtschaftliche Forschung, 2005, 57, 3-32. | 0.5 | 13 |
| 25 | Analysis of flow lines with Cox-2-distributed processing times and limited buffer capacity. OR Spectrum, 2005, 27, 221-242. | 2.1 | 22 |
| 26 | A New Decomposition Approach for Non-Cyclic Continuous Material Flow Lines with a Merging Flow of Material. Annals of Operations Research, 2004, 125, 117-139. | 2.6 | 30 |
| 27 | Performance analysis of an inbound call center with skills-based routing. OR Spectrum, 2004, 26, 331-352. | 2.1 | 21 |
| 28 | Editorial - Call Center Management. OR Spectrum, 2004, 26, 305-305. | 2.1 | 0 |
| 29 | Cash-flow-oriented buffer allocation in stochastic flow lines. International Journal of Production Research, 2001, 39, 3061-3083. | 4.9 | 28 |
| 30 | Approximate analysis of unreliable transfer lines with splits in the flow of material. Annals of Operations Research, 2000, 93, 217-243. | 2.6 | 29 |
| 31 | Decomposition of unreliable assembly/disassembly networks with limited buffer capacity and random processing times. European Journal of Operational Research, 1998, 109, 24-42. | 3.5 | 41 |
| 32 | Cash-Flow Oriented Lot Sizing in MRP II Systems. , 1998, , 147-183. | | 6 |
| 33 | Lot sizing in capacitated production planning and control systems. OR Spectrum, 1995, 17, 5-18. | 2.1 | 35 |
| 34 | A heuristic for dynamic multi-item multi-level capacitated lotsizing for general product structures. European Journal of Operational Research, 1994, 75, 296-311. | 3.5 | 83 |