

# Jens Heger

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

445  
citations

1040056

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h-index

1058476

14  
g-index

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all docs

19  
docs citations

19  
times ranked

305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamically adjusting the $k$ -values of the ATCS rule in a flexible flow shop scenario with reinforcement learning. International Journal of Production Research, 2023, 61, 147-161.	7.5	13
2	Anomaly detection in formed sheet metals using convolutional autoencoders. Procedia CIRP, 2020, 93, 1281-1285.	1.9	7
3	Dynamically Changing Sequencing Rules with Reinforcement Learning in a Job Shop System With Stochastic Influences. , 2020, , .		6
4	Dynamic priority based dispatching of AGVs in flexible job shops. Procedia CIRP, 2019, 79, 445-449.	1.9	18
5	Reducing mean tardiness in a flexible job shop containing AGVs with optimized combinations of sequencing and routing rules. Procedia CIRP, 2019, 81, 1136-1141.	1.9	10
6	Using Data Mining Techniques to Investigate the Correlation between Surface Cracks and Flange Lengths in Deep Drawn Sheet Metals. IFAC-PapersOnLine, 2019, 52, 851-856.	0.9	6
7	Optimal Scheduling of AGVs in a Reentrant Blocking Job-shop. Procedia CIRP, 2018, 67, 41-45.	1.9	15
8	Online-scheduling using past and real-time data. An assessment by discrete event simulation using exponential smoothing. CIRP Journal of Manufacturing Science and Technology, 2017, 19, 158-163.	4.5	10
9	Optimal Scheduling for Automated Guided Vehicles (AGV) in Blocking Job-Shops. IFIP Advances in Information and Communication Technology, 2017, , 151-158.	0.7	1
10	Dynamic adjustment of dispatching rule parameters in flow shops with sequence-dependent set-up times. International Journal of Production Research, 2016, 54, 6812-6824.	7.5	50
11	Dispatching rule selection with Gaussian processes. Central European Journal of Operations Research, 2015, 23, 235-249.	1.8	11
12	Evolutionary generation of dispatching rule sets for complex dynamic scheduling problems. International Journal of Production Economics, 2013, 145, 67-77.	8.9	116
13	Switching Dispatching Rules with Gaussian Processes. Lecture Notes in Production Engineering, 2013, , 91-103.	0.4	3
14	Integration of demand forecasts in ABC-XYZ analysis: practical investigation at an industrial company. International Journal of Productivity and Performance Management, 2012, 61, 445-451.	3.7	20
15	Generating dispatching rules for semiconductor manufacturing to minimize weighted tardiness. , 2010, , .		37
16	Towards improved dispatching rules for complex shop floor scenarios. , 2010, , .		107
17	Gaussian Processes for Dispatching Rule Selection in Production Scheduling: Comparison of Learning Techniques. , 2010, , .		7
18	Integrated simulation method for investment decisions of micro production systems. Microsystem Technologies, 2008, 14, 2001-2005.	2.0	3