

Timothy Sprock

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

139
citations

1478505

6
h-index

1372567

10
g-index

18
all docs

18
docs citations

18
times ranked

95
citing authors

#	ARTICLE	IF	CITATIONS
1	Nesting and scheduling problems for additive manufacturing: A taxonomy and review. Additive Manufacturing, 2020, 36, 101492.	3.0	29
2	Scalable data pipeline architecture to support the industrial internet of things. CIRP Annals - Manufacturing Technology, 2020, 69, 385-388.	3.6	17
3	Automated production system simulations using commercial off-the-shelf simulation tools. , 2016, , .		13
4	A hierarchical approach to warehouse design. International Journal of Production Research, 2017, 55, 6331-6343.	7.5	13
5	Part decomposition and evaluation based on standard design guidelines for additive manufacturability and assemblability. Additive Manufacturing, 2021, 37, 101702.	3.0	10
6	A Conceptual Model for Operational Control in Smart Manufacturing Systems. IFAC-PapersOnLine, 2015, 48, 1865-1869.	0.9	8
7	Survey and classification of operational control problems in discrete event logistics systems (DELS). International Journal of Production Research, 2019, 57, 5215-5238.	7.5	8
8	Neural network-based build time estimation for additive manufacturing: a performance comparison. Journal of Computational Design and Engineering, 2021, 8, 1243-1256.	3.1	8
9	Simulation model generation of discrete event logistics systems (DELS) using software design patterns. , 2014, , .		7
10	Self-similar architectures for smart manufacturing and logistics systems. Manufacturing Letters, 2018, 15, 101-103.	2.2	4
11	SysML Models for Discrete Event Logistics Systems. Journal of Research of the National Institute of Standards and Technology, 2020, 125, .	1.2	4
12	Procedural Guide for System-Level Impact Evaluation of Industrial Artificial Intelligence-Driven Technologies: Application to Risk-Based Investment Analysis for Condition Monitoring Systems in Manufacturing. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2022, 144, .	2.2	4
13	Analysis of Functional Architectures for Discrete Event Logistics Systems (DELS). Procedia Computer Science, 2015, 44, 517-526.	2.0	3
14	Integrated Operations Management for Distributed Manufacturing. IFAC-PapersOnLine, 2019, 52, 1820-1824.	0.9	3
15	Simulation optimization in Discrete Event Logistics Systems: The challenge of operational control. , 2016, , .		2
16	A simulation optimization framework for discrete event logistics systems (DELS). , 2015, , .		1
17	Patterns for Modeling Operational Control of Discrete Event Logistics Systems (DELS). , 2018, , 875-884.		1