

Theodor Freiheit

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

414
citations

1040056

9
h-index

1058476

14
g-index

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all docs

15
docs citations

15
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	Intelligent welding system technologies: State-of-the-art review and perspectives. Journal of Manufacturing Systems, 2020, 56, 373-391.	13.9	182
2	Dynamic scheduling in flexible assembly system based on timed Petri nets model. Robotics and Computer-Integrated Manufacturing, 2005, 21, 550-558.	9.9	68
3	Incorporating customer personalization preferences in open product architecture design. Journal of Manufacturing Systems, 2020, 56, 72-83.	13.9	32
4	Intelligent Manufacturing Systems in COVID-19 Pandemic and Beyond: Framework and Impact Assessment. Chinese Journal of Mechanical Engineering (English Edition), 2020, 33, .	3.7	31
5	Feature-based quality classification for ultrasonic welding of carbon fiber reinforced polymer through Bayesian regularized neural network. Journal of Manufacturing Systems, 2021, 58, 335-347.	13.9	26
6	Early event detection in a deep-learning driven quality prediction model for ultrasonic welding. Journal of Manufacturing Systems, 2021, 60, 325-336.	13.9	22
7	The impact of corporate culture on manufacturing system design. CIRP Annals - Manufacturing Technology, 2016, 65, 413-416.	3.6	11
8	Quality detection and classification for ultrasonic welding of carbon fiber composites using time-series data and neural network methods. Journal of Manufacturing Systems, 2021, 61, 562-575.	13.9	10
9	Integrating optimal process and supplier selection in personalised product architecture design. International Journal of Production Research, 2022, 60, 2461-2480.	7.5	9
10	The effect of work content imbalance and its interaction with scheduling method on sequential flow line performance. International Journal of Production Research, 2017, 55, 2791-2805.	7.5	8
11	A systematic methodology for the modularization of manufacturing systems during early design. Flexible Services and Manufacturing Journal, 2019, 31, 945-988.	3.4	8
12	A lever concept integrated with simple rules for flow shop scheduling. International Journal of Production Research, 2017, 55, 3110-3125.	7.5	4
13	A Portable Measurement Instrument for Soft Tissue Mechanical Properties. Instrumentation Science and Technology, 2004, 32, 611-626.	1.8	2
14	Performance Comparison of Algorithms for Estimating the Strain of Soft Tissue from Ultrasound. Instrumentation Science and Technology, 2005, 33, 673-689.	1.8	1
15	Transfer lines with multi-machine stages and non-deterministic processing time: transient performance analysis and control. Operational Research, 0, , 1.	2.0	0