

Helmut ZÄrrer

List of Publications by Year in descending order

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11
papers

128
citations

1684188

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h-index

1720034

7
g-index

11
all docs

11
docs citations

11
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	The ROBxTASK architecture for interoperability of robotic systems. , 2021, , .		5
2	On-line anomaly detection with advanced independent component analysis of multi-variate residual signals from causal relation networks. Information Sciences, 2020, 537, 425-451.	6.9	18
3	Autonomous supervision and optimization of product quality in a multi-stage manufacturing process based on self-adaptive prediction models. Journal of Process Control, 2019, 76, 27-45.	3.3	27
4	Virtual Quality control using bidirectional LSTM networks and gradient boosting. , 2019, , .		4
5	Using Business Analytics for Decision Support in Zero Defect Manufacturing of Composite Parts in the Aerospace Industry. IFAC-PapersOnLine, 2019, 52, 1461-1466.	0.9	15
6	Using Discrete Event Simulation in multiple System Life Cycles to support Zero-Defect Composite Manufacturing in Aerospace Industry. IFAC-PapersOnLine, 2019, 52, 1467-1472.	0.9	13
7	Self-adaptive evolving forecast models with incremental PLS space updating for on-line prediction of micro-fluidic chip quality. Engineering Applications of Artificial Intelligence, 2018, 68, 131-151.	8.1	31
8	Chatting Roles: A Pragmatic Service Resolution Infrastructure for Service Choreography based on Publish/Subscribe. IFAC-PapersOnLine, 2018, 51, 1379-1384.	0.9	6
9	Evolving time-series based prediction models for quality criteria in a multi-stage production process. , 2018, , .		3
10	Self-Adaptive Time-Series Based Forecast Models for Predicting Quality Criteria in Microfluidics Chip Production. , 2017, , .		4
11	Enterprise Interoperability as Framework for Project Knowledge Management. Lecture Notes in Computer Science, 2017, , 190-199.	1.3	2