Helmut Zörrer

List of Publications by Year
in descending order

11 papers	**128** citations	1684188 **5** h-index	1720034 **7** g-index
11 all docs	**11** docs citations	**11** times ranked	**114** citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	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
5	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
6	Chatting Roles: A Pragmatic Service Resolution Infrastructure for Service Choreography based on Publish/Subscribe. IFAC-PapersOnLine, 2018, 51, 1379-1384.	0.9	6
7	The ROBxTASK architecture for interoperability of robotic systems. , 2021, , .		5
8	Self-Adaptive Time-Series Based Forecast Models for Predicting Quality Criteria in Microfluidics Chip Production. , 2017, , .		4
9	Virtual Quality control using bidirectional LSTM networks and gradient boosting. , 2019, , .		4
10	Evolving time-series based prediction models for quality criteria in a multi-stage production process. , 2018, , .		3
11	Enterprise Interoperability as Framework for Project Knowledge Management. Lecture Notes in Computer Science, 2017, , 190-199.	1.3	2