

Rainer MÃ¼ller

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

143
citations

1478505

6
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

105
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of an AI-based expert system for the part- and process-specific marking of materials. Procedia CIRP, 2021, 100, 361-366.	1.9	2
2	An optimization method based on simulated annealing to improve stock reduction in rework with known operator skills. , 2021, , .		0
3	Worker assistance systems and assembly process maturity in the prototype and pre-series production. Procedia Manufacturing, 2020, 51, 1431-1438.	1.9	3
4	Virtual Reality based Assembly Process Validation and Rework Assistance with consistent Data Exchange. , 2020, , 1-10.		0
5	Simulation based online production planning. Procedia Manufacturing, 2019, 38, 1473-1480.	1.9	3
6	Situational cognitive assistance system in rework area. Procedia Manufacturing, 2019, 38, 884-891.	1.9	2
7	The Assist-By-X system: Calibration and application of a modular production equipment for visual assistance. Procedia CIRP, 2019, 86, 179-184.	1.9	6
8	Worker centered cognitive assistance for dynamically created repairing jobs in rework area. Procedia CIRP, 2018, 72, 141-146.	1.9	14
9	Development of an Intelligent Material Shuttle to Digitize and Connect Production Areas with the Production Process Planning Department. Procedia CIRP, 2018, 72, 967-972.	1.9	10
10	Lean Information and Communication Tool to Connect Shop and Top Floor in Small and Medium-sized Enterprises. Procedia Manufacturing, 2017, 11, 1043-1052.	1.9	22
11	Planning and Developing Cyber-physical Assembly Systems by Connecting Virtual and Real Worlds. Procedia CIRP, 2016, 52, 35-40.	1.9	13
12	Concept and implementation of an agent-based control architecture for a cyber-physical assembly system. MATEC Web of Conferences, 2016, 42, 04003.	0.2	4
13	Versatile Assembly Systems for Large Components on the Example of the Aircraft Structure Assembly. Applied Mechanics and Materials, 2014, 490-491, 676-681.	0.2	2
14	Reconfigurable handling systems as an enabler for large components in mass customized production. Journal of Intelligent Manufacturing, 2013, 24, 977-990.	7.3	35
15	Reconfigurable handling system. Production Engineering, 2011, 5, 453-461.	2.3	16
16	Modular control system for reconfigurable robot applications. , 2011, , .		1
17	Development of Modular Low Cost Automation Systems for Aircraft Assembly. , 0, , .		6
18	Identification of Assembly System Configuration for Cyber-Physical Assembly System Planning. Applied Mechanics and Materials, 0, 840, 24-32.	0.2	4