Karel Kruger

List of Publications by Year
in descending order

12 papers	275 citations	1307594 7 h-index	1125743 13 g-index
17 all docs	17 docs citations	17 times ranked	213 citing authors

#	Article	IF	Citations
1	An architecture to facilitate the integration of human workers in Industry 4.0 environments. International Journal of Production Research, 2022, 60, 4778-4796.	7.5	25
2	Towards the Integration of Digital Twins and Service-Oriented Architectures. Studies in Computational Intelligence, 2022, , 131-143.	0.9	6
3	An Aggregated Digital Twin Solution for Human-Robot Collaboration in Industry 4.0 Environments. Studies in Computational Intelligence, 2021, , 135-147.	0.9	5
4	Digital Twin Data Pipeline Using MQTT in SLADTA. Studies in Computational Intelligence, 2021, , 111-122.	0.9	2
5	A six-layer architecture for the digital twin: a manufacturing case study implementation. Journal of Intelligent Manufacturing, 2020, 31, 1383-1402.	7.3	149
6	A Six-Layer Architecture for Digital Twins with Aggregation. Studies in Computational Intelligence, 2020, , 171-182.	0.9	29
7	Evaluation of JADE multi-agent system and Erlang holonic control implementations for a manufacturing cell. International Journal of Computer Integrated Manufacturing, 2019, 32, 225-240.	4.6	11
8	Comparison of Erlang/OTP and JADE implementations for standby redundancy in a holonic controller. International Journal of Computer Integrated Manufacturing, 2019, 32, 1207-1230.	4.6	2
9	Evaluation criteria for holonic control implementations in manufacturing systems. International Journal of Computer Integrated Manufacturing, 2019, 32, 148-158.	4.6	7
10	Erlang-based holonic controller for a palletized conveyor material handling system. Computers in Industry, 2018, 101, 120-126.	9.9	8
11	Erlang-based control implementation for a holonic manufacturing cell. International Journal of Computer Integrated Manufacturing, 2017, 30, 641-652.	4.6	17
12	Real, virtual, or simulated: Approaches to emergency remote learning in engineering. Computer Applications in Engineering Education, 0, , .	3.4	6