

Ricardo Silva Peres

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19 papers	259 citations	8 h-index	16 g-index
24 ext. papers	390 ext. citations	3.1 avg, IF	3.87 L-index

#	Paper	IF	Citations
19	IDARTS ¶Towards intelligent data analysis and real-time supervision for industry 4.0. <i>Computers in Industry</i> , 2018 , 101, 138-146	11.6	71
18	Industrial Artificial Intelligence in Industry 4.0 - Systematic Review, Challenges and Outlook. <i>IEEE Access</i> , 2020 , 8, 220121-220139	3.5	55
17	Multistage Quality Control Using Machine Learning in the Automotive Industry. <i>IEEE Access</i> , 2019 , 7, 79908-79916	3.5	40
16	Characterising the Agriculture 4.0 Landscape¶Emerging Trends, Challenges and Opportunities. <i>Agronomy</i> , 2021 , 11, 667	3.6	21
15	An agent based monitoring architecture for plug and produce based manufacturing systems 2015 ,		14
14	Selection of a data exchange format for industry 4.0 manufacturing systems 2016 ,		9
13	A Highly Flexible, Distributed Data Analysis Framework for Industry 4.0 Manufacturing Systems. <i>Studies in Computational Intelligence</i> , 2017 , 373-381	0.8	8
12	Integration and Deployment of a Distributed and Pluggable Industrial Architecture for the PERFoRM Project. <i>Procedia Manufacturing</i> , 2017 , 11, 896-904	1.5	8
11	GOODMAN Data Model - Interoperability in Multistage Zero Defect Manufacturing 2018 ,		7
10	Agent-based Plug and Produce Cyber-Physical Production System ¶Test Case 2019 ,		6
9	Simulation-Based Data Augmentation for the Quality Inspection of Structural Adhesive With Deep Learning. <i>IEEE Access</i> , 2021 , 1-1	3.5	5
8	A multiagent based knowledge extraction framework to support plug and produce capabilities in manufacturing monitoring systems 2015 ,		3
7	. <i>IEEE Access</i> , 2021 , 9, 66852-66863	3.5	3
6	Improvement of Multistage Quality Control through the Integration of Decision Modeling and Cyber-Physical Production Systems 2018 ,		3
5	Complexity theory and self-organization in Cyber-Physical Production Systems. <i>Procedia CIRP</i> , 2021 , 104, 1831-1836	1.8	2
4	Generative Adversarial Networks for Data Augmentation in Structural Adhesive Inspection. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3086	2.6	2
3	Dynamic Simulation for MAS-Based Data Acquisition and Pre-processing in Manufacturing Using V-REP. <i>IFIP Advances in Information and Communication Technology</i> , 2017 , 125-134	0.5	1

2 Architectural Elements: PERFoRM Data Model **2019**, 87-98

1 IFEVS Use Case **2019**, 245-274