# Ricardo Silva Peres

## List of Publications by Year in Descending Order

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|---|---|---|---|
| 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 | Complexity theory and self-organization in Cyber-Physical Production Systems. *Procedia CIRP*, **2021**, 104, 1831-1836 | 1.8 | 2 |
| 18 | Characterising the Agriculture 4.0 Landscape: Emerging Trends, Challenges and Opportunities. *Agronomy*, **2021**, 11, 667 | 3.6 | 21 |
| 17 | Simulation-Based Data Augmentation for the Quality Inspection of Structural Adhesive With Deep Learning. *IEEE Access*, **2021**, 1-1 | 3.5 | 5 |
| 16 | . *IEEE Access*, **2021**, 9, 66852-66863 | 3.5 | 3 |
| 15 | Generative Adversarial Networks for Data Augmentation in Structural Adhesive Inspection. *Applied Sciences (Switzerland)*, **2021**, 11, 3086 | 2.6 | 2 |
| 14 | Industrial Artificial Intelligence in Industry 4.0 - Systematic Review, Challenges and Outlook. *IEEE Access*, **2020**, 8, 220121-220139 | 3.5 | 55 |
| 13 | Multistage Quality Control Using Machine Learning in the Automotive Industry. *IEEE Access*, **2019**, 7, 79908-79916 | 3.5 | 40 |
| 12 | Architectural Elements: PERFoRM Data Model **2019**, 87-98 | | |
| 11 | IFEVS Use Case **2019**, 245-274 | | |
| 10 | Agent-based Plug and Produce Cyber-Physical Production System – Test Case **2019**, | | 6 |
| 9 | IDARTS – Towards intelligent data analysis and real-time supervision for industry 4.0. *Computers in Industry*, **2018**, 101, 138-146 | 11.6 | 71 |
| 8 | Improvement of Multistage Quality Control through the Integration of Decision Modeling and Cyber-Physical Production Systems **2018**, | | 3 |
| 7 | GO0DMAN Data Model - Interoperability in Multistage Zero Defect Manufacturing **2018**, | | 7 |
| 6 | A Highly Flexible, Distributed Data Analysis Framework for Industry 4.0 Manufacturing Systems. *Studies in Computational Intelligence*, **2017**, 373-381 | 0.8 | 8 |
| 5 | Dynamic Simulation for MAS-Based Data Acquisition and Pre-processing in Manufacturing Using V-REP. *IFIP Advances in Information and Communication Technology*, **2017**, 125-134 | 0.5 | 1 |
| 4 | Integration and Deployment of a Distributed and Pluggable Industrial Architecture for the PERFoRM Project. *Procedia Manufacturing*, **2017**, 11, 896-904 | 1.5 | 8 |
| 3 | Selection of a data exchange format for industry 4.0 manufacturing systems **2016**, | | 9 |

# LIST OF PUBLICATIONS