

# Rafael Arrais

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7435804/rafael-arrais-publications-by-year.pdf>

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This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

10  
papers

30  
citations

3  
h-index

5  
g-index

12  
ext. papers

53  
ext. citations

2.2  
avg, IF

1.57  
L-index

#	Paper	IF	Citations
10	A Predictive Simulation and Optimization Architecture based on a Knowledge Engineering User Interface to Support Operator 4.0. <i>IFAC-PapersOnLine</i> , <b>2021</b> , 54, 331-336	0.7	
9	On the development of a collaborative robotic system for industrial coating cells. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2020</b> , 115, 853	3.2	2
8	ROBIN: An open-source middleware for plug-and-produce of Cyber-Physical Systems. <i>International Journal of Advanced Robotic Systems</i> , <b>2020</b> , 17, 172988142091031	1.4	2
7	Autonomous Scene Exploration for Robotics: A Conditional Random View-Sampling and Evaluation Using a Voxel-Sorting Mechanism for Efficient Ray Casting. <i>Sensors</i> , <b>2020</b> , 20,	3.8	1
6	Application of the Open Scalable Production System to Machine Tending of Additive Manufacturing Operations by a Mobile Manipulator. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 345-356	0.9	5
5	FASTEN: EU-Brazil cooperation in IoT for manufacturing. The Embraer use. <i>MATEC Web of Conferences</i> , <b>2019</b> , 304, 04007	0.3	1
4	Enhancement of Industrial Logistic Systems with Semantic 3D Representations for Mobile Manipulators. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 617-628	0.4	3
3	A mobile robot based sensing approach for assessing spatial inconsistencies of a logistic system. <i>Journal of Manufacturing Systems</i> , <b>2017</b> , 43, 129-138	9.1	7
2	Mining the usage patterns of ROS primitives <b>2017</b> ,		9
1	A Hybrid Top-Down Bottom-Up Approach for the Detection of Cuboid Shaped Objects. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 512-520	0.9	