Rafael Arrais

List of Publications by Citations

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