JoÃ£o A Fabro

List of Publications by Year
in descending order

34 papers	124 citations	1684188 5 h-index	1372567 10 g-index
36 all docs	36 docs citations	36 times ranked	139 citing authors

#	Article	IF	Citations
1	ROS Navigation: Concepts and Tutorial. Studies in Computational Intelligence, 2016, , 121-160.	0.9	32
2	Startup of a distillation column using intelligent control techniques. Computers and Chemical Engineering, 2005, 30, 309-320.	3.8	24
3	A MILP (Mixed Integer Linear Programming) decomposition solution to the scheduling of heavy oil derivatives in a real-world pipeline. Computers and Chemical Engineering, 2014, 66, 124-138.	3.8	10
4	Cooperative load transport based on fuzzy logic controllers. , 2016, , .		7
5	Using Reinforcement Learning Techniques to Select the Best Action in Setplays with Multiple Possibilities in Robocup Soccer Simulation Teams. , 2014, , .		6
6	Notification-Oriented Paradigm Framework 2.0: An Implementation Based On Design Patterns. IEEE Latin America Transactions, 2017, 15, 2220-2231.	1.6	5
7	A Game Comparative Study: Object-Oriented Paradigm and Notification-Oriented Paradigm. Journal of Software Engineering and Applications, 2012, 05, 722-736.	1.1	5
8	Notification-Oriented Programming Language and Compiler. , 2017, , .		4
9	Programming Teaching Using Flowcharts in a Simulated Environment Focused on Introducing Practical OBR. , 2019, , .		4
10	Collaborative Behavior in Soccer: The Setplay Free Software Framework. Lecture Notes in Computer Science, 2015, , 709-716.	1.3	4
11	A Proposal of QLearning to Control the Attack of a 2D Robot Soccer Simulation Team. , 2012, , .		3
12	A Tool for Digital Circuits Synthesis Based on Notification Oriented Paradigm. IEEE Latin America Transactions, 2018, 16, 1574-1586.	1.6	3
13	Notification Oriented and Object Oriented Paradigms Comparison via Sale System. Journal of Software Engineering and Applications, 2012, 05, 695-710.	1.1	3
14	Proposal of a declarative and parallelizable artificial neural network using the notification-oriented paradigm. Neural Computing and Applications, 2018, 30, 1715-1731.	5.6	2
15	Designing Fuzzy Logic Controllers for ROS-Based Multirotors. Studies in Computational Intelligence, 2017, , 41-82.	0.9	2
16	Modelling Liquefied Petroleum Gas Storage and Distribution. Computer Aided Chemical Engineering, 2002, , 805-810.	0.5	1
17	On using fuzzy logic to control a simulated hexacopter carrying an attached pendulum. , 2015, , .		1
18	Training of an Artificial Neural Network with Backpropagation algorithm using notification oriented paradigm. , 2015, , .		1

#	Article	IF	Citations
19	Trajectory Planning in Dynamic Environments for an Industrial AGV, Integrated with Fuzzy Obstacle Avoidance. , 2015, , .		1
20	Adding Conscious Aspects in Virtual Robot Navigation through Baars-Franklin's Cognitive Architecture. , 2015, , .		1
21	Collaborative quadricopter-mobile robots ground scan using ARTAGS visual pose estimation. , 2017, , .		1
22	Environment for the Dynamic Simulation of ROS-Based UAVs. Studies in Computational Intelligence, 2017, , 565-596.	0.9	1
23	A Quadcopter and Mobile Robot Cooperative Task Using Visual Tags Based on Augmented Reality ROS Package. Studies in Computational Intelligence, 2019, , 185-208.	0.9	1
24	A proposal of a fuzzy-neuro predictive control, tuned by genetic algorithms, with application to the start-up control of a distillation column. , 2005, , .		0
25	Hybrid filter for high-power converter systems. , 2013, , .		0
26	A Mixed Integer Linear Program decomposition solution to the scheduling activities in a real-world pipeline used to transport heavy oil derivatives.. Computer Aided Chemical Engineering, 2013, , 595-600.	0.5	0
27	Intelligent Dynamic Formation of the Multi-Robot Systems to Cleaning Tasks in Unstructured Environments and with a Single Perception System. , 2018, , .		0
28	Adding Conscious Aspects and Simulated Emotions through Facial Expressions in Virtual Robot Navigation with Baars-Franklins Cognitive Architecture. , 2018, , .		0
29	Rigorous Tracking of Weld Beads for the Autonomous Inspection with a Climbing Robot. , 2019, , .		0
30	Simulation and Implementation of an Autonomous Mobile Robot for Outdoor Competitions. , 2020, , .		0
31	NOPL - Notification Oriented Programming Language - A New Language, and Its Application to Program a Robotic Soccer Team. Lecture Notes in Computer Science, 2021, , 445-455.	1.3	0
32	Comparação entre dois modelos de redes neurais artificiais e máquinas de vetores suporte, aplicados à predição da posição da bola da categoria f180 da robocup. , 0, , .		0
33	LIDA Bridge—A ROS Interface to the LIDA (Learning Intelligent Distribution Agent) Framework. Studies in Computational Intelligence, 2016, , 703-728.	0.9	0
34	SNNAP: Sistema Neural de Navegação em Ambientes Pré-Mapeados. , 0, , .		0