

Ismael Etxeberria-Agiriano

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

169
citations

1478280

6
h-index

1199470

12
g-index

23
all docs

23
docs citations

23
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysing encryption mechanisms and functional safety in a ROS-based architecture. Journal of Software: Evolution and Process, 2020, 32, e2224.	1.2	0
2	Analyzing a ROS Based Architecture for Its Cross Reuse in ISO26262 Settings. Communications in Computer and Information Science, 2018, , 167-180.	0.4	1
3	A modular CPS architecture design based on ROS and Docker. International Journal on Interactive Design and Manufacturing, 2017, 11, 949-955.	1.3	29
4	Towards a Generic Architecture for Building Modular CPS as Applied to Mobile Robotics. International Journal of Online Engineering, 2016, 12, 4.	0.5	4
5	Key Vulnerabilities of Industrial Automation and Control Systems and Actions to Prevent Cyber-Attacks. International Journal of Online Engineering, 2016, 12, 9.	0.5	4
6	Learning Multirobot Hose Transportation and Deployment by Distributed Round-Robin Q-Learning. PLoS ONE, 2015, 10, e0127129.	1.1	15
7	Reinforcement Learning endowed with safe veto policies to learn the control of Linked-Multicomponent Robotic Systems. Information Sciences, 2015, 317, 25-47.	4.0	12
8	Arm Orthosis/Prosthesis Movement Control Based on Surface EMG Signal Extraction. International Journal of Neural Systems, 2015, 25, 1550009.	3.2	16
9	Flexible, modular, standard, free and affordable model for CPS control applied to mobile robotics. , 2015, , .		2
10	Building a CPS as an Educational Challenge. International Journal of Online and Biomedical Engineering, 2014, 10, 52.	0.9	3
11	Pitch Based Wind Turbine Intelligent Speed Setpoint Adjustment Algorithms. Energies, 2014, 7, 3793-3809.	1.6	10
12	Reinforcement learning of ball screw feed drive controllers. Engineering Applications of Artificial Intelligence, 2014, 30, 107-117.	4.3	23
13	The challenge of building a cyber physical system as an educational experience. , 2014, , .		3
14	Designing High Performance Factory Automation Applications on Top of DDS. International Journal of Advanced Robotic Systems, 2013, 10, 205.	1.3	5
15	Arm Orthosis/Prosthesis Control Based on Surface EMG Signal Extraction. Lecture Notes in Computer Science, 2013, , 510-519.	1.0	5
16	Distribution middleware technologies for Cyber Physical Systems. , 2012, , .		5
17	Configurable cooperative middleware for the next generation of CPS. , 2012, , .		5
18	Towards Middleware-Based Cooperation Topologies for the Next Generation of CPS. International Journal of Online and Biomedical Engineering, 2012, 8, 20.	0.9	4

#	ARTICLE	IF	CITATIONS
19	Towards a OMG DDS communication backbone for factory automation applications. , 2011, , .		5
20	Control communications with DDS using IEC61499 Service Interface Function Blocks. , 2010, , .		15
21	Analysis of technological knowledge flows in the Basque Country. International Journal of Production Management and Engineering, 0, 7, 73.	0.8	1