Ismael Etxeberria-Agiriano

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/548668/publications.pdf

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21	169	1478280 6	1199470 12
papers	citations	h-index	g-index

23	23	23	217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A modular CPS architecture design based on ROS and Docker. International Journal on Interactive Design and Manufacturing, 2017, 11, 949-955.	1.3	29
2	Reinforcement learning of ball screw feed drive controllers. Engineering Applications of Artificial Intelligence, 2014, 30, 107-117.	4.3	23
3	Arm Orthosis/Prosthesis Movement Control Based on Surface EMG Signal Extraction. International Journal of Neural Systems, 2015, 25, 1550009.	3.2	16
4	Control communications with DDS using IEC61499 Service Interface Function Blocks. , 2010, , .		15
5	Learning Multirobot Hose Transportation and Deployment by Distributed Round-Robin Q-Learning. PLoS ONE, 2015, 10, e0127129.	1.1	15
6	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
7	Pitch Based Wind Turbine Intelligent Speed Setpoint Adjustment Algorithms. Energies, 2014, 7, 3793-3809.	1.6	10
8	Towards a OMG DDS communication backbone for factory automation applications. , 2011, , .		5
9	Distribution middleware technologies for Cyber Physical Systems. , 2012, , .		5
10	Configurable cooperative middleware for the next generation of CPS. , 2012, , .		5
11	Designing High Performance Factory Automation Applications on Top of DDS. International Journal of Advanced Robotic Systems, 2013, 10, 205.	1.3	5
12	Arm Orthosis/Prosthesis Control Based on Surface EMG Signal Extraction. Lecture Notes in Computer Science, 2013, , 510-519.	1.0	5
13	Towards Middleware-Based Cooperation Topologies for the Next Generation of CPS. International Journal of Online and Biomedical Engineering, 2012, 8, 20.	0.9	4
14	Towards a Generic Architecture for Building Modular CPS as Applied to Mobile Robotics. International Journal of Online Engineering, 2016, 12, 4.	0.5	4
15	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
16	Building a CPS as an Educational Challenge. International Journal of Online and Biomedical Engineering, 2014, 10, 52.	0.9	3
17	The challenge of building a cyber physical system as an educational experience. , 2014, , .		3
18	Flexible, modular, standard, free and affordable model for CPS control applied to mobile robotics. , 2015, , .		2

#	Article	IF	Citations
19	Analyzing a ROS Based Architecture for Its Cross Reuse in ISO26262 Settings. Communications in Computer and Information Science, 2018, , 167-180.	0.4	1
20	Analysis of technological knowledge flows in the Basque Country. International Journal of Production Management and Engineering, 0, 7, 73.	0.8	1
21	Analysing encryption mechanisms and functional safety in a ROSâ€based architecture. Journal of Software: Evolution and Process, 2020, 32, e2224.	1.2	0