Raimarius Delgado

List of Publications by Year
in descending order

17 papers	**144** citations	1477746 **6** h-index	1281420 **11** g-index
17 all docs	**17** docs citations	**17** times ranked	**85** citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time control architecture based on Xenomai using ROS packages for a service robot. Journal of Systems and Software, 2019, 151, 8-19.	3.3	27
2	Real-Time Characteristics of ROS 2.0 in Multiagent Robot Systems: An Empirical Study. IEEE Access, 2020, 8, 154637-154651.	2.6	26
3	Open Embedded Real-time Controllers for Industrial Distributed Control Systems. Electronics (Switzerland), 2019, 8, 223.	1.8	17
4	An EtherCAT-based real-time motion control system in mobile robot application. , 2016, , .		12
5	Network-Oriented Real-Time Embedded System Considering Synchronous Joint Space Motion for an Omnidirectional Mobile Robot. Electronics (Switzerland), 2019, 8, 317.	1.8	12
6	New Insights Into the Real-Time Performance of a Multicore Processor. IEEE Access, 2020, 8, 186199-186211.	2.6	12
7	Integration of ROS and RT tasks using message pipe mechanism on Xenomai for telepresence robot. Electronics Letters, 2019, 55, 127-128.	0.5	7
8	A Practical Joint-Space Trajectory Generation Method Based on Convolution in Real-Time Control. International Journal of Advanced Robotic Systems, 2016, 13, 56.	1.3	6
9	Application of EtherCAT in Microgrid Communication Network: A Case Study. , 2018, , .		5
10	Comparative Study of ROS on Embedded System for a Mobile Robot. Journal of Automation, Mobile Robotics and Intelligent Systems, 2018, 12, 61-67.	0.4	5
11	Practical high curvature path planning algorithm in joint space. Electronics Letters, 2015, 51, 469-471.	0.5	4
12	Safe and Policy Oriented Secure Android-Based Industrial Embedded Control System. Applied Sciences (Switzerland), 2020, 10, 2796.	1.3	4
13	On the in-controller performance of an open source EtherCAT master using open platforms. , 2017, , .		3
14	MPSoC: The Low-cost Approach to Real-time Hardware Simulations for Power and Energy Systems. IFAC-PapersOnLine, 2019, 52, 57-62.	0.5	2
15	RT-AIDE: A RTOS-Agnostic and Interoperable Development Environment for Real-Time Systems. IEEE Transactions on Industrial Informatics, 2023, 19, 2772-2781.	7.2	2
16	Development of a Simultaneous Audio Broadcasting System Based on Embedded Hardware using RTSP. Journal of Korean Institute of Intelligent Systems, 2018, 28, 362-368.	0.0	0
17	Embedded Security Controller with Copy Protection Chip. Journal of Korean Institute of Intelligent Systems, 2018, 28, 464-469.	0.0	0