

Raimarius Delgado

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | New Insights Into the Real-Time Performance of a Multicore Processor. IEEE Access, 2020, 8, 186199-186211. | 2.6 | 12 |
| 3 | Real-Time Characteristics of ROS 2.0 in Multiagent Robot Systems: An Empirical Study. IEEE Access, 2020, 8, 154637-154651. | 2.6 | 26 |
| 4 | Safe and Policy Oriented Secure Android-Based Industrial Embedded Control System. Applied Sciences (Switzerland), 2020, 10, 2796. | 1.3 | 4 |
| 5 | MPSoC: The Low-cost Approach to Real-time Hardware Simulations for Power and Energy Systems. IFAC-PapersOnLine, 2019, 52, 57-62. | 0.5 | 2 |
| 6 | 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 |
| 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 | Open Embedded Real-time Controllers for Industrial Distributed Control Systems. Electronics (Switzerland), 2019, 8, 223. | 1.8 | 17 |
| 9 | Network-Oriented Real-Time Embedded System Considering Synchronous Joint Space Motion for an Omnidirectional Mobile Robot. Electronics (Switzerland), 2019, 8, 317. | 1.8 | 12 |
| 10 | Application of EtherCAT in Microgrid Communication Network: A Case Study. , 2018, , . | | 5 |
| 11 | 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 |
| 12 | Embedded Security Controller with Copy Protection Chip. Journal of Korean Institute of Intelligent Systems, 2018, 28, 464-469. | 0.0 | 0 |
| 13 | 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 |
| 14 | On the in-controller performance of an open source EtherCAT master using open platforms. , 2017, , . | | 3 |
| 15 | 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 |
| 16 | An EtherCAT-based real-time motion control system in mobile robot application. , 2016, , . | | 12 |
| 17 | Practical high curvature path planning algorithm in joint space. Electronics Letters, 2015, 51, 469-471. | 0.5 | 4 |