J Javier GutiÃ©rrez

List of Publications by Year
in descending order

38	569	1039880	996849
papers	citations	9	15
		h-index	g-index

40	40	40	304
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Priority assignment in hierarchically scheduled time-partitioned distributed real-time systems with multipath flows. Journal of Systems Architecture, 2021, 122, 102339.	2.5	1
2	Response-Time Analysis of Multipath Flows in Hierarchically-Scheduled Time-Partitioned Distributed Real-Time Systems. IEEE Access, 2020, 8, 196700-196711.	2.6	12
3	Una revisión de técnicas para la optimización del despliegue y planificación de sistemas de tiempo real distribuidos. RIAI - Revista Iberoamericana De Automatica E Informatica Industrial, 2019, 16, 249.	0.6	4
4	Desarrollo de Sistemas Distribuidos de Tiempo Real y de Criticidad Mixta a través del Estándar DDS. RIAI - Revista Iberoamericana De Automatica E Informatica Industrial, 2018, 15, 439.	0.6	2
5	Theory and Practice of EDF Scheduling in Distributed Real-Time Systems. Lecture Notes in Computer Science, 2018, , 123-137.	1.0	0
6	Response-Time Analysis in Hierarchically-Scheduled Time-Partitioned Distributed Systems. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 2017-2030.	4.0	19
7	Handling heterogeneous partitioned systems through ARINC-653 and DDS. Computer Standards and Interfaces, 2017, 50, 258-268.	3.8	9
8	Distributed architecture for developing mixed-criticality systems in multi-core platforms. Journal of Systems and Software, 2017, 123, 145-159.	3.3	22
9	A supercomputing framework for the evaluation of real-time analysis and optimization techniques. Journal of Systems and Software, 2017, 124, 120-136.	3.3	1
10	The Polling Effect on the Schedulability of Distributed Real-Time Systems. Lecture Notes in Computer Science, 2016, , 179-194.	1.0	0
11	An Experience Integrating Response-Time Analysis and Optimization with an MDE Strategy. Lecture Notes in Computer Science, 2016, , 303-316.	1.0	1
12	Enabling Data-Centric Distribution Technology for Partitioned Embedded Systems. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 3186-3198.	4.0	8
13	Deadline Assignment in EDF Schedulers for Real-Time Distributed Systems. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2671-2684.	4.0	17
14	Modeling the QoS parameters of DDS for event-driven real-time applications. Journal of Systems and Software, 2015, 104, 126-140.	3.3	22
15	A survey on standards for real-time distribution middleware. ACM Computing Surveys, 2014, 46, 1-39.	16.1	14
16	Holistic schedulability analysis for multipacket messages in AFDX networks. Real-Time Systems, 2014, 50, 230-269.	1.1	25
17	Modeling distributed real-time systems with MAST 2. Journal of Systems Architecture, 2013, 59, 331-340.	2.5	25
18	Fixed priorities or EDF for distributed real-time systems?. ACM SIGBED Review, 2013, 10, 21-21.	1.8	3

#	Article	IF	Citations
19	Adapting the end-to-end flow model for distributed Ada to the ravenscar profile. ACM SIGAda Ada Letters, 2013, 33, 53-63.	0.1	2
20	Experience with the Integration of Distribution Middleware into Partitioned Systems. Lecture Notes in Computer Science, 2013, , 1-16.	1.0	3
21	Schedulability analysis of multi-packet messages in segmented CAN. , 2012, , .		9
22	On the schedulability of a data-centric real-time distribution middleware. Computer Standards and Interfaces, 2012, 34, 203-211.	3.8	17
23	Model-Driven Development of High-Integrity Distributed Real-Time Systems Using the End-to-End Flow Model. , 2011, , .		3
24	Permutational Genetic Algorithm for the Optimized Assignment of Priorities to Tasks and Messages in Distributed Real-Time Systems. , 2011, , .		17
25	Schedulability Analysis and Optimization of Heterogeneous EDF and FP Distributed Real-Time Systems. , 2011, , .		20
26	Support for a real-time transactional model in distributed Ada. ACM SIGAda Ada Letters, 2010, 30, 91-103.	0.1	5
27	Managing Transactions in Flexible Distributed Real-Time Systems. Lecture Notes in Computer Science, 2010, , 251-264.	1.0	1
28	Experience in integrating interchangeable scheduling policies into a distribution middleware for Ada. , 2009, , .		4
29	Real-Time Distribution Middleware from the Ada Perspective. , 2008, , 268-281.		8
30	Interchangeable Scheduling Policies in Real-Time Middleware for Distribution. Lecture Notes in Computer Science, 2006, , 227-240.	1.0	6
31	The Chance for Ada to Support Distribution and Real-Time in Embedded Systems. Lecture Notes in Computer Science, 2004, , 91-105.	1.0	7
32	Modeling and Schedulability Analysis of Hard Real-Time Distributed Systems Based on Ada Components. Lecture Notes in Computer Science, 2002, , 282-296.	1.0	1
33	Minimizing the effects of jitter in distributed hard real-time systems. Journal of Systems Architecture, 1996, 42, 431-447.	2.5	9
34	Optimized priority assignment for tasks and messages in distributed hard real-time systems. , 0, , .		61
35	Increasing schedulability in distributed hard real-time systems. , 0, , .		3
36	On the schedulability analysis for distributed hard real-time systems. , 0, , .		43

#	ARTICLE	IF	CITATIONS
37	Best-case analysis for improving the worst-case schedulability test for distributed hard real-time systems. , 0, , .		35
38	MAST: Modeling and analysis suite for real time applications. , 0, , .		128