Jorge Salvador Valdez Martinez

List of Publications by Year
in descending order

22 papers	85 citations	1684188 5 h-index	1588992 8 g-index
22 all docs	22 docs citations	22 times ranked	59 citing authors

#	Article	IF	Citations
1	Adsorption and Separation of the H2O/H2SO4 and H2O/C2H5OH Mixtures: A Simulated and Experimental Study. Processes, 2020, 8, 290.	2.8	14
2	Simulation and State Feedback Control of a Pressure Swing Adsorption Process to Produce Hydrogen. Mathematics, 2022, 10, 1762.	2.2	12
3	SIMULATION AND CONTROL OF A PRESSURE SWING ADSORPTION PROCESS TO DEHYDRATE ETHANOL. Revista Mexicana De Ingeniera Quimica, 2018, 17, 1051-1081.	0.4	8
4	Numerical Approaching of SIR Epidemic Model for Propagation of Computer Worms. IEEE Latin America Transactions, 2015, 13, 3452-3460.	1.6	7
5	Design and Development of Software for the SILAR Control Process Using a Low-Cost Embedded System. Processes, 2021, 9, 967.	2.8	7
6	Series Wound DC Motor modeling and simulation, considering magnetic, mechanical and electric power losses. , 2009, , .		6
7	Execution Times Reconstruction in a LTI System Real-time Simulation. IEEE Latin America Transactions, 2014, 12, 277-284.	1.6	4
8	Transmission Times Reconstruction in a Telecontrolled Real-Time System. IEEE Latin America Transactions, 2019, 17, 349-357.	1.6	4
9	State Vector Identification of Hybrid Model of a Gas Turbine by Real-Time Kalman Filter. Mathematics, 2020, 8, 659.	2.2	3
10	Measurement, Characterization and Reconstruction of Computing Time and Transporting Time for Real-Time Telecontrol Systems. Computacion Y Sistemas, 2019, 23, .	0.3	3
11	Response Times Reconstructor Based on Mathematical Expectation Quotient for a High Priority Task over RT-Linux. Mathematics, 2022, 10, 134.	2.2	3
12	Quadrotor Real-Time Simulation: A Temporary Computational Complexity-Based Approach. Mathematics, 2022, 10, 2032.	2.2	3
13	Execution time Validation of the mathematical models of a electric motor in Soft Real Time simulation. , 2011, , .		2
14	Workbench's Implementations Based in Telecontrol System Software Architecture. , 2016, , .		2
15	Measuring and Characterization of Telecontrol Time in Embedded Systems. , 2017, , .		2
16	Comparison of Workbenchs for Telecontrol Systems over the Internet Using Embedded Systems Such as Data Acquisition Cards. , 2018, , .		2
17	PLANIFICADORES PARA TAREAS EN TIEMPO REAL CONCURRENTES: UNA DESCRIPCIÃ"N BASADA EN TEORÃA DE CONJUNTOS. Informacion Tecnologica (discontinued), 2014, 25, 123-130.	0.3	2
18	Planificadores de tareas en Tiempo Real Concurrentes: Una ClasificaciÃ³n basada en Funciones y TeorÃa de Conjuntos. Computacion Y Sistemas, 2015, 18, .	0.3	1

#	Article	IF	Citations
19	Analysis of the communication time of embedded systems applied to telecontrol systems. , 2019, , .		0
20	Aproximación numérica del modelo epidemiológico SI para la propagación de gusanos informáticos, simulación y análisis de su error. Tecnura, 2014, 18, 12.	0.4	0
21	Basic definitions for discrete modeling of computer worms epidemics. Ingenieria E Investigacion, 2015, 35, 79-85.	0.4	0
22	Diseño de un sistema mecánico para elevación de vehículos. Journal of Technological Prototypes, 0, , 14-19.	0.0	0