

Edgar Alfonso ChacÃ³n RamÃ³n

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

121
citations

1478505

6
h-index

1372567

10
g-index

19
all docs

19
docs citations

19
times ranked

83
citing authors

#	ARTICLE	IF	CITATIONS
1	H2CM: A holonic architecture for flexible hybrid control systems. Computers in Industry, 2016, 77, 15-28.	9.9	27
2	Coordination and optimization in oil and gas production complexes. Computers in Industry, 2004, 53, 17-37.	9.9	21
3	An integration architecture for the automation of a continuous production complex. ISA Transactions, 2002, 41, 95-113.	5.7	13
4	Integral automation of industrial complexes based on hybrid systems. ISA Transactions, 1996, 35, 305-319.	5.7	9
5	Supervisory control design based on hybrid systems and fuzzy events detection. Application to an oxichlorination reactor. ISA Transactions, 2002, 41, 485-499.	5.7	9
6	Cyber-Physical System for Industrial Control Automation Based on the Holonic Approach and the IEC 61499 Standard. , 2018, , .		9
7	Aportes Metodológicos para el Diseño de Sistemas de Supervisión de Procesos Continuos. Informacion Tecnológica (discontinued), 2011, 22, 97-114.	0.3	8
8	Automation of a steam generation plant using hybrid systems. ISA Transactions, 1999, 38, 87-99.	5.7	5
9	Pseudo dynamic hybrid systems. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 2533-2537.	1.1	3
10	Coupled dynamics for industrial complex system. Nonlinear Analysis: Theory, Methods & Applications, 2001, 47, 1561-1570.	1.1	3
11	Implementing Industrial Control Automation for Holonic Manufacturing Systems Based on the Production Unit Architecture. Studies in Computational Intelligence, 2019, , 233-246.	0.9	3
12	Definition of a control service in the application layer of the ISO/OSI reference model for control stations. Computers in Industry, 1992, 20, 187-192.	9.9	2
13	Sistema de gestión de energía bajo el paradigma de Industria 4.0. Revista Ingenio, 2021, 18, 33-40.	0.3	2
14	A control architecture for continuous production processes based on industry 4.0: water supply systems application. Journal of Intelligent Manufacturing, 2021, 32, 2061-2081.	7.3	2
15	Industria 4.0 en América Latina: Una ruta para su implantación. Revista Ingenio, 2020, 17, 28-35.	0.3	2
16	Performance evaluation of holonic control of a switch arrival system. Concurrent Engineering Research and Applications, 2017, 25, 19-29.	3.2	1
17	Entropy as an event detector in a class of Hybrid Dynamic Systems. study case: A steam boiler. , 2016, , .		0
18	Evaluation de l'application du paradigme holonique à un système de réservoirs. Journal European Des Systemes Automatisés, 2016, 49, 325-347.	0.4	0