

Jose Cury

List of Publications by Year in descending order

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35
papers

471
citations

1040056

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h-index

996975

15
g-index

35
all docs

35
docs citations

35
times ranked

137
citing authors

#	ARTICLE	IF	CITATIONS
1	State-based supervisory control with restrictions on the supervisor realization. Discrete Event Dynamic Systems: Theory and Applications, 2020, 30, 671-693.	1.5	0
2	Synthesis and implementation of supervisory control for manufacturing systems under processing uncertainties and time constraints. IFAC-PapersOnLine, 2020, 53, 229-234.	0.9	2
3	Exploiting Distinguishers in Local Modular Control of Discrete-Event Systems. IEEE Transactions on Automation Science and Engineering, 2018, 15, 1431-1437.	5.2	10
4	A Method for PLC Implementation of Supervisory Control of Discrete Event Systems. IEEE Transactions on Control Systems Technology, 2017, 25, 175-191.	5.2	36
5	Local Modular Supervisory Control of Timed Discrete-Event Systems. IEEE Transactions on Automatic Control, 2017, 62, 934-940.	5.7	5
6	Special issue on "New approaches for DES modeling, analysis and synthesis". Discrete Event Dynamic Systems: Theory and Applications, 2016, 26, 1-3.	1.5	0
7	Computing continuous control laws for gene regulatory networks within a discrete-event systems approach. , 2016, , .		0
8	A Supervisory Control Theory Approach to Control Gene Regulatory Networks. IEEE Transactions on Automatic Control, 2016, 61, 18-33.	5.7	13
9	Local modular supervisory control applied to the scheduling of cluster tools. , 2015, , .		3
10	Building maps with Multi-Robot Systems under limited communication. , 2015, , .		0
11	Supervisory Control of DES With Extended Finite-State Machines and Variable Abstraction. IEEE Transactions on Automatic Control, 2015, 60, 118-129.	5.7	20
12	Modular and systematic design of supervisory control system integrating PLC, SCADA and task routing for a modular production system. , 2015, , .		3
13	Comparative of heuristics on search of supervisors by approximated distinguishers. , 2014, , .		0
14	Verification of the Observer Property in Discrete Event Systems. IEEE Transactions on Automatic Control, 2014, 59, 2176-2181.	5.7	9
15	Optimality in the control of gene regulatory networks. , 2014, , .		1
16	Modeling and synthesis of controllers for Multi-Robot Systems using game structures. , 2013, , .		1
17	Variable abstraction and approximations in supervisory control synthesis. , 2013, , .		7
18	Scheduling Cluster Tools with Supervisory Control Theory. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 312-317.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Efficient Abstractions for the Supervisory Control of Modular Discrete Event Systems. IEEE Transactions on Automatic Control, 2012, 57, 3224-3229.	5.7	9
20	Optimal scheduling of a repair shipyard based on Supervisory Control Theory. , 2011, , .		9
21	Local modular Supervisory Control of DES with distinguishers. , 2011, , .		9
22	Conceptual Design of Discrete-Event Systems Using Templates. Discrete Event Dynamic Systems: Theory and Applications, 2011, 21, 257-303.	1.5	21
23	Metodologia e ferramenta de apoio ao teste de não-conflito no controle modular de sistemas a eventos discretos. Controle and Automacao, 2010, 21, 58-68.	0.2	1
24	Exploiting distinguishing sensors in supervisory control of DES. , 2009, , .		9
25	Verification of Nonconflict of Supervisors Using Abstractions. IEEE Transactions on Automatic Control, 2009, 54, 2803-2815.	5.7	37
26	Design of discrete-event systems using templates. , 2008, , .		6
27	Template design and automatic generation of controllers for industrial robots. , 2008, , .		1
28	Supervisory control of DES with distinguishing sensors. , 2008, , .		6
29	Hierarchical and decentralized multitasking control of discrete event systems. , 2007, , .		10
30	Hierarchical Supervisory Control Based on Discrete Event Systems With Flexible Marking. IEEE Transactions on Automatic Control, 2007, 52, 2242-2253.	5.7	26
31	A Model for PLC Implementation of Supervisory Control of Discrete Event Systems. , 2006, , .		17
32	The Environment Grail for Supervisory Control of Discrete Event Systems. , 2006, , .		16
33	Multitasking Supervisory Control of Discrete-Event Systems. Discrete Event Dynamic Systems: Theory and Applications, 2005, 15, 375-395.	1.5	49
34	Modular Supervisory Control of Large Scale Discrete Event Systems. , 2000, , 103-110.		127
35	Refinements of approximating automata for synthesis of supervisory controllers for hybrid systems. Lecture Notes in Computer Science, 1996, , 475-484.	1.3	5