Jose Cury

List of Publications by Year
in descending order

35 papers	**471** citations	1040056 **9** h-index	996975 **15** g-index
35 all docs	**35** docs citations	**35** times ranked	**137** citing authors

#	Article	IF	Citations
1	Modular Supervisory Control of Large Scale Discrete Event Systems. , 2000, , 103-110.		127
2	Multitasking Supervisory Control of Discrete-Event Systems. Discrete Event Dynamic Systems: Theory and Applications, 2005, 15, 375-395.	1.5	49
3	Verification of Nonconflict of Supervisors Using Abstractions. IEEE Transactions on Automatic Control, 2009, 54, 2803-2815.	5.7	37
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	Hierarchical Supervisory Control Based on Discrete Event Systems With Flexible Marking. IEEE Transactions on Automatic Control, 2007, 52, 2242-2253.	5.7	26
6	Conceptual Design of Discrete-Event Systems Using Templates. Discrete Event Dynamic Systems: Theory and Applications, 2011, 21, 257-303.	1.5	21
7	Supervisory Control of DES With Extended Finite-State Machines and Variable Abstraction. IEEE Transactions on Automatic Control, 2015, 60, 118-129.	5.7	20
8	A Model for PLC Implementation of Supervisory Control of Discrete Event Systems. , 2006, , .		17
9	The Environment Grail for Supervisory Control of Discrete Event Systems. , 2006, , .		16
10	A Supervisory Control Theory Approach to Control Gene Regulatory Networks. IEEE Transactions on Automatic Control, 2016, 61, 18-33.	5.7	13
11	Hierarchical and decentralized multitasking control of discrete event systems. , 2007, , .		10
12	Exploiting Distinguishers in Local Modular Control of Discrete-Event Systems. IEEE Transactions on Automation Science and Engineering, 2018, 15, 1431-1437.	5.2	10
13	Exploiting distinguishing sensors in supervisory control of DES. , 2009, , .		9
14	Optimal scheduling of a repair shipyard based on Supervisory Control Theory. , 2011, , .		9
15	Local modular Supervisory Control of DES with distinguishers. , 2011, , .		9
16	Efficient Abstractions for the Supervisory Control of Modular Discrete Event Systems. IEEE Transactions on Automatic Control, 2012, 57, 3224-3229.	5.7	9
17	Verification of the Observer Property in Discrete Event Systems. IEEE Transactions on Automatic Control, 2014, 59, 2176-2181.	5.7	9
18	Variable abstraction and approximations in supervisory control synthesis. , 2013, , .		7

#	ARTICLE	IF	CITATIONS
19	Design of discrete-event systems using templates. , 2008, , .		6
20	Supervisory control of DES with distinguishing sensors. , 2008, , .		6
21	Refinements of approximating automata for synthesis of supervisory controllers for hybrid systems. Lecture Notes in Computer Science, 1996, , 475-484.	1.3	5
22	Local Modular Supervisory Control of Timed Discrete-Event Systems. IEEE Transactions on Automatic Control, 2017, 62, 934-940.	5.7	5
23	Scheduling Cluster Tools with Supervisory Control Theory. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 312-317.	0.4	3
24	Local modular supervisory control applied to the scheduling of cluster tools. , 2015, , .		3
25	Modular and systematic design of supervisory control system integrating PLC, SCADA and task routing for a modular production system. , 2015, , .		3
26	Synthesis and implementation of supervisory control for manufacturing systems under processing uncertainties and time constraints. IFAC-PapersOnLine, 2020, 53, 229-234.	0.9	2
27	Template design and automatic generation of controllers for industrial robots. , 2008, , .		1
28	Modeling and synthesis of controllers for Multi-Robot Systems using game structures. , 2013, , .		1
29	Optimality in the control of gene regulatory networks. , 2014, , .		1
30	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
31	Comparative of heuristics on search of supervisors by approximated distinguishers. , 2014, , .		0
32	Building maps with Multi-Robot Systems under limited communication. , 2015, , .		0
33	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
34	Computing continuous control laws for gene regulatory networks within a discrete-event systems approach. , 2016, , .		0
35	State-based supervisory control with restrictions on the supervisor realization. Discrete Event Dynamic Systems: Theory and Applications, 2020, 30, 671-693.	1.5	0