Francisco Restivo

List of Publications by Year
in descending order

44 papers	971 citations	1040056 9 h-index	752698 20 g-index
47 all docs	47 docs citations	47 times ranked	597 citing authors

#	Article	IF	Citations
1	A Framework for Self-Regulated Project-Based Learning in Higher Education. Advances in Educational Technologies and Instructional Design Book Series, 2019, , 218-273.	0.2	2
2	High-level Petri nets for the process description and control in service-oriented manufacturing systems. International Journal of Production Research, 2012, 50, 1650-1665.	7.5	28
3	Integration of virtual and real environments for engineering service-oriented manufacturing systems. Journal of Intelligent Manufacturing, 2012, 23, 2551-2563.	7.3	25
4	An adaptive assessment system with knowledge representation and visual feedback. , 2012, , .		1
5	Composition of Petri nets models in service-oriented industrial automation. , 2010, , .		8
6	Process optimization of service-oriented automation devices based on Petri nets. , 2010, , .		6
7	Injecting Service-Orientation into Multi-Agent Systems in Industrial Automation. Lecture Notes in Computer Science, 2010, , 313-320.	1.3	4
8	Customizable service-oriented Petri net controllers. , 2009, , .		6
9	Decision support system for Petri nets enabled automation components. , 2009, , .		1
10	Software Methodologies for the Engineering of Service-Oriented Industrial Automation: The Continuum Project. , 2009, , .		25
11	ENGINEERING TOOLS FOR THE INTEGRATION OF SERVICE-ORIENTED PRODUCTION SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1772-1777.	0.4	2
12	Service-Oriented Agents for Collaborative Industrial Automation and Production Systems. Lecture Notes in Computer Science, 2009, , 13-24.	1.3	37
13	A holonic approach to dynamic manufacturing scheduling. Robotics and Computer-Integrated Manufacturing, 2008, 24, 625-634.	9.9	71
14	Implementation of a Holonic Control System in a Flexible Manufacturing System. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2008, 38, 699-709.	2.9	63
15	High-Level Petri Nets control modules for service-oriented devices: A case study. , 2008, , .		8
16	Service-oriented control architecture for reconfigurable production systems. , 2008, , .		33
17	Service-oriented process control using High-Level Petri Nets. , 2008, , .		11
18	Distributed Control Patterns using Device Profile for Web Services. , 2008, , .		5

#	Article	IF	Citations
19	Innovation in Information Systems applied to the Shoes Retail Business. International Federation for Information Processing, 2008, , 107-118.	0.4	0
20	Towards Ubiquitous Production Systems and Enterprises. , 2007, , .		6
21	RECONFIGURABLE PRODUCTION CONTROL SYSTEMS: BEYOND ADACOR. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 129-134.	0.4	2
22	A formal specification approach for holonic control systems: the ADACOR case. International Journal of Manufacturing Technology and Management, 2006, 8, 37.	0.1	10
23	ADACOR: A holonic architecture for agile and adaptive manufacturing control. Computers in Industry, 2006, 57, 121-130.	9.9	429
24	Phase Space Signal Filtering. , 2006, , .		2
25	A Holonic Approach to Dynamic Manufacturing Scheduling. International Federation for Information Processing, 2006, , 37-46.	0.4	1
26	ADACOR: A Collaborative Production Automation and Control Architecture. IEEE Intelligent Systems, 2005, 20, 58-66.	4.0	69
27	Experimental Validation of ADACOR Holonic Control System. Lecture Notes in Computer Science, 2005, , 121-132.	1.3	8
28	The use of Qualitative Indicators for Performance Measurement in Manufacturing Control Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 443-448.	0.4	1
29	Holonic Manufacturing Control: A Practical Implementation. , 2004, , 33-44.		5
30	E-manufacturing in Europe: Enterprise Networking. , 2004, , 17-22.		0
31	Identification of ADACOR Holons for Manufacturing Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 109-114.	0.4	3
32	Integration of Automation Resources in Holonic Manufacturing Applications. Lecture Notes in Computer Science, 2003, , 35-46.	1.3	8
33	An Approach to the Formal Specification of Holonic Control Systems. Lecture Notes in Computer Science, 2003, , 59-70.	1.3	15
34	Microcomputer-based electromyographic signal analysis. Medical and Biological Engineering and Computing, 1982, 20, 649-652.	2.8	2
35	A multiple microprocessor system for biomedical signal processing. Journal of Microcomputer Applications, 1982, 5, 129-149.	0.1	0
36	A multi-agent based cell controller. , 0, , .		6

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37	Holonic adaptive production control systems. , 0, , .		7
38	Grasping the potential of digital signal processing through real-time DSP laboratory experiments. , 0, , .		6
39	Agent-based holonic production control. , 0, , .		12
40	A formal validation approach for holonic control system specifications. , 0, , .		3
41	Formal specification of holonic control system adacor product holon, using high-level petri nets. , 0, , .		4
42	An internet DGPS service for precise outdoor navigation. , 0, , .		4
43	A collaborative automation approach to distributed production systems. , 0, , .		15
44	Formal Specification of ADACOR Holonic Control System: Coordination Models. , 0, , .		2