Adriana Giret

List of Publications by Year
in descending order

90 papers	2,214 citations	394421 19 h-index	233421 45 g-index
102 all docs	102 docs citations	102 times ranked	1679 citing authors

#	Article	IF	Citations
1	An Intelligent Platform for Supporting Optimized Collaborative Urban Logistics. Studies in Computational Intelligence, 2020, , 3-14.	0.9	1
2	Requirements for an Intelligent Maintenance System for Industry 4.0. Studies in Computational Intelligence, 2020, , 340-351.	0.9	5
3	Smart and sustainable urban logistic applications aided by intelligent techniques. Service Oriented Computing and Applications, 2019, 13, 185-186.	1.6	3
4	A New Optimization Algorithm Based on Search and Rescue Operations. Mathematical Problems in Engineering, 2019, 2019, 1-23.	1.1	69
5	An Enhanced Estimation of Distribution Algorithm for Energy-Efficient Job-Shop Scheduling Problems with Transportation Constraints. Sustainability, 2019, 11, 3085.	3.2	16
6	An Optimization Approach for the Coordinated Low-Carbon Design of Product Family and Remanufactured Products. Sustainability, 2019, 11, 460.	3.2	24
7	Towards a Persuasive Recommender for Bike Sharing Systems: A Defeasible Argumentation Approach. Energies, 2019, 12, 662.	3.1	8
8	Multi-objective optimization for energy-efficient flexible job shop scheduling problem with transportation constraints. Robotics and Computer-Integrated Manufacturing, 2019, 59, 143-157.	9.9	177
9	Scientific Discussion: Open Reviews of â€œARTI Reference Architecture â€" PROSA Revisitedâ€. Studies in Computational Intelligence, 2019, , 20-37.	0.9	3
10	Cooperation Between Smart Manufacturing Scheduling Systems and Energy Providers: A Multi-agent Perspective. Studies in Computational Intelligence, 2019, , 197-210.	0.9	1
11	Production control strategy inspired by neuroendocrine regulation. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2018, 232, 67-77.	2.4	4
12	A hormone regulationâ€"based approach for distributed and on-line scheduling of machines and automated guided vehicles. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2018, 232, 99-113.	2.4	9
13	A Crowdsourcing Approach for Sustainable Last Mile Delivery. Sustainability, 2018, 10, 4563.	3.2	38
14	An Optimization Method for Coordinating Supplier Selection and Low-Carbon Design of Product Family. International Journal of Precision Engineering and Manufacturing, 2018, 19, 1715-1726.	2.2	11
15	How to Choose the Greenest Delivery Plan: A Framework to Measure Key Performance Indicators for Sustainable Urban Logistics. IFIP Advances in Information and Communication Technology, 2018, , 181-189.	0.7	1
16	Dynamic Rescheduling in Energy-Aware Unrelated Parallel Machine Problems. IFIP Advances in Information and Communication Technology, 2018, , 232-240.	0.7	5
17	Recommender System of Walking or Public Transportation Routes for Disabled Users. Communications in Computer and Information Science, 2018, , 392-403.	0.5	1
18	The Multi-agent Layer of CALMeD SURF. Lecture Notes in Computer Science, 2018, , 446-460.	1.3	3

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19	Station Status Forecasting Module for a Multi-agent Proposal to Improve Efficiency on Bike-Sharing Usage. Lecture Notes in Computer Science, 2018, , 476-489.	1.3	2
20	A Multi-agent Approach for Composing Negotiation Items in a Reverse Logistic Virtual Market. Lecture Notes in Computer Science, 2018, , 417-430.	1.3	0
21	A holonic multi-agent methodology to design sustainable intelligent manufacturing control systems. Journal of Cleaner Production, 2017, 167, 1370-1386.	9.3	40
22	A Multi-agent Approach to Implement aÂReverse Production Virtual Market in Green Supply Chains. IFIP Advances in Information and Communication Technology, 2017, , 399-407.	0.7	2
23	Rescheduling in job-shop problems for sustainable manufacturing systems. Journal of Cleaner Production, 2017, 162, S121-S132.	9.3	61
24	Emerging Key Requirements for Future Energy-Aware Production Scheduling Systems: A Multi-agent and Holonic Perspective. Studies in Computational Intelligence, 2017, , 127-141.	0.9	4
25	A dynamic hybrid control architecture for sustainable manufacturing control. IFAC-PapersOnLine, 2016, 49, 114-119.	0.9	0
26	A metaheuristic technique for energy-efficiency in job-shop scheduling. Knowledge Engineering Review, 2016, 31, 475-485.	2.6	19
27	Bi-objective optimization for low-carbon product family design. Robotics and Computer-Integrated Manufacturing, 2016, 41, 53-65.	9.9	28
28	ROMAS-Magentix2. Law, Governance and Technology Series, 2016, , 153-171.	0.4	1
29	Energy efficiency, robustness, and makespan optimality in job-shop scheduling problems. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2016, 30, 300-312.	1.1	19
30	Assessment of mathematical programming and agent-based modelling for off-line scheduling: Application to energy aware manufacturing. CIRP Annals - Manufacturing Technology, 2016, 65, 405-408.	3.6	17
31	A genetic algorithm for energy-efficiency in job-shop scheduling. International Journal of Advanced Manufacturing Technology, 2016, 85, 1303-1314.	3.0	113
32	Designing normative open virtual enterprises. Enterprise Information Systems, 2016, 10, 303-324.	4.7	5
33	An engineering framework for Service-Oriented Intelligent Manufacturing Systems. Computers in Industry, 2016, 81, 116-127.	9.9	91
34	Energy-efficient dynamic scheduling for a flexible flow shop using an improved particle swarm optimization. Computers in Industry, 2016, 81, 82-95.	9.9	187
35	Artefacts and Guidelines for Designing Sustainable Manufacturing Systems. Studies in Computational Intelligence, 2016, , 93-101.	0.9	1
36	Evaluating how agent methodologies support the specification of the normative environment through the development process. Autonomous Agents and Multi-Agent Systems, 2015, 29, 1041-1060.	2.1	0

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37	Dynamic shop floor re-scheduling approach inspired by a neuroendocrine regulation mechanism. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2015, 229, 121-134.	2.4	14
38	Go-green manufacturing holons: A step towards sustainable manufacturing operations control. Manufacturing Letters, 2015, 5, 29-33.	2.2	32
39	Software Engineering Methods for Intelligent Manufacturing Systems: A Comparative Survey. Lecture Notes in Computer Science, 2015, , 11-21.	1.3	9
40	Sustainability in manufacturing operations scheduling: A state of the art review. Journal of Manufacturing Systems, 2015, 37, 126-140.	13.9	199
41	ROMAS Approach Evaluation. , 2015, , 121-127.		0
42	AGENT-BASED SIMULATION FOR BORDER CROSSING MODELING. Cybernetics and Systems, 2014, 45, 650-670.	2.5	3
43	A MAS-based infrastructure for negotiation and its application to a water-right market. Information Systems Frontiers, 2014, 16, 183-199.	6.4	6
44	An intelligent simulation environment for manufacturing systems. Computers and Industrial Engineering, 2014, 76, 148-168.	6.3	30
45	ROMAS Methodology. , 2014, , 331-369.		4
46	Performance Evaluation of Bidding-Based Multi-Agent Scheduling Algorithms for Manufacturing Systems. Machines, 2014, 2, 233-254.	2.2	6
47	AnÃƒÂ¡lisis y DiseÃƒÂ±o de Sistemas Multiagente Normativos Abiertos. Inteligencia Artificial, 2014, 17, 17-20.	0.8	0
48	Energy-efficient scheduling for a flexible flow shop using an improved genetic-simulated annealing algorithm. Robotics and Computer-Integrated Manufacturing, 2013, 29, 418-429.	9.9	383
49	Extending ANEMONA with NDT Phases. Procedia CIRP, 2013, 11, 120-123.	1.9	0
50	Implementation Challenges for Supporting Coworking Virtual Enterprises. , 2013, , .		4
51	A Model-Driven CASE tool for developing and verifying regulated open MAS. Science of Computer Programming, 2013, 78, 695-704.	1.9	11
52	mWater, a Case Study for Modeling Virtual Markets. , 2013, , 565-582.		4
53	The Role of MAS as a Decision Support Tool in a Water-Rights Market. Lecture Notes in Computer Science, 2012, , 35-49.	1.3	4
54	Agent-supported simulation environment for intelligent manufacturing and warehouse management systems. International Journal of Production Research, 2011, 49, 1469-1482.	7.5	20

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55	On Grievance Protocols for Conflict Resolution in Open Multi-Agent Systems. , 2011, , .		3
56	Application and evaluation of Lego NXT tool for Mobile Robot Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 9805-9811.	0.4	7
57	An abstract architecture for virtual organizations: The THOMAS approach. Knowledge and Information Systems, 2011, 29, 379-403.	3.2	56
58	Evaluating software engineering techniques for developing complex systems with multiagent approaches. Information and Software Technology, 2011, 53, 494-506.	4.4	12
59	A holonic simulation environment for smart transportation systems. International Journal of Production Research, 2011, 49, 1425-1439.	7.5	5
60	Regulated Open Multi-Agent Systems Based on Contracts. , 2011, , 243-255.		8
61	Norm Enforceability in Electronic Institutions?. Lecture Notes in Computer Science, 2011, , 250-267.	1.3	13
62	A holonic architecture for the global road transportation system. Journal of Intelligent Manufacturing, 2010, 21, 133-144.	7.3	14
63	A Multi Agent Architecture for Tourism Recommendation. Advances in Intelligent and Soft Computing, 2010, , 547-554.	0.2	9
64	An Agent-Supported Simulation of Labour and Financial Markets for Migration Processes. Lecture Notes in Economics and Mathematical Systems, 2010, , 241-252.	0.3	2
65	An Open Architecture for Service-Oriented Virtual Organizations. Lecture Notes in Computer Science, 2010, , 118-132.	1.3	21
66	On the development of an Agent Supported e-Manufacturing environment. , 2009, , .		1
67	Analysis, Comparison and Selection of MAS Software Engineering Processes and Tools. Lecture Notes in Computer Science, 2009, , 361-375.	1.3	1
68	A Modeling Tool for Service-Oriented Open Multiagent Systems. Lecture Notes in Computer Science, 2009, , 345-360.	1.3	8
69	Engineering Holonic Manufacturing Systems. Computers in Industry, 2009, 60, 428-440.	9.9	72
70	On the Road to an Abstract Architecture for Open Virtual Organizations. Lecture Notes in Computer Science, 2009, , 642-650.	1.3	5
71	Using THOMAS for Service Oriented Open MAS. Lecture Notes in Computer Science, 2009, , 56-70.	1.3	3
72	Using an Agent-Supported Simulation Environment for Intelligent Manufacturing Systems. Lecture Notes in Computer Science, 2009, , 124-134.	1.3	0

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73	Feasible distributed CSP models for scheduling problems. Engineering Applications of Artificial Intelligence, 2008, 21, 723-732.	8.1	10
74	Identifying and specifying holons in manufacturing systems. , 2008, , .		1
75	A FAST Method to Achieve Flexible Production Programming Systems. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2008, 38, 242-252.	2.9	7
76	Software Engineering for Service-Oriented MAS. Lecture Notes in Computer Science, 2008, , 86-100.	1.3	11
77	On the evaluation of MAS development tools. International Federation for Information Processing, 2008, , 35-44.	0.4	3
78	From system requirements to holonic manufacturing system analysis. International Journal of Production Research, 2006, 44, 3917-3928.	7.5	21
79	Towards an Agent-based Simulation Tool for Manufacturing Systems. , 2006, , .		8
80	A multi agent methodology for holonic manufacturing systems. , 2005, , .		13
81	MAS Methodology for HMS. Lecture Notes in Computer Science, 2005, , 39-49.	1.3	11
82	Towards an abstract recursive agent. Integrated Computer-Aided Engineering, 2004, 11, 165-177.	4.6	17
83	Holons and agents. Journal of Intelligent Manufacturing, 2004, 15, 645-659.	7.3	145
84	Towards a Recursive Agent Oriented Methodology for Large-Scale MAS. Lecture Notes in Computer Science, 2004, , 25-35.	1.3	5
85	On the Definition of Meta-models for Analysis of Large-Scale MAS. Lecture Notes in Computer Science, 2004, , 273-286.	1.3	3
86	Holons and Agents. Do they differ?. , 2003, , 309-322.		1
87	Constraint Satisfaction by Means of Dynamic Polyhedra. , 2002, , 405-412.		3
88	A Non-binary Constraint Satisfaction Solver: the One-Face Hyperpolyhedron Heuristic. , 2002, , 313-324.		2
89	Preprocessing Algorithms for non-binary Disjunctive Constraint Satisfaction. , 2002, , 123-133.		1
90	Early Requirement Guidelines for Multiagent System Modeling. , 0, , .		0