Ana Maria Madureira

List of Publications by Year
in descending order

82 papers	509 citations	1040056 9 h-index	888059 17 g-index
88 all docs	88 docs citations	88 times ranked	336 citing authors

#	Article	IF	Citations
1	Automatic detection of Parkinson's disease based on acoustic analysis of speech. Engineering Applications of Artificial Intelligence, 2019, 77, 148-158.	8.1	101
2	Negotiation mechanism for self-organized scheduling system with collective intelligence. Neurocomputing, 2014, 132, 97-110.	5.9	44
3	Self-Optimization module for Scheduling using Case-based Reasoning. Applied Soft Computing Journal, 2013, 13, 1419-1432.	7.2	27
4	Deep Reinforcement Learning as a Job Shop Scheduling Solver: A Literature Review. Advances in Intelligent Systems and Computing, 2020, , 350-359.	0.6	27
5	Artificial intelligence methods for applied superconductivity: material, design, manufacturing, testing, operation, and condition monitoring. Superconductor Science and Technology, 2022, 35, 123001.	3.5	25
6	A coordination mechanism for real world scheduling problems using genetic algorithms. , 0, , .		22
7	Intelligent Bio-Inspired system for manufacturing scheduling under uncertainties. , 2010, , .		19
8	Editorial A Successful Change From TNN to TNNLS and a Very Successful Year. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1-7.	11.3	13
9	Using personas for supporting user modeling on scheduling systems. , 2014, , .		13
10	Cooperation Mechanism for Team-Work based Multi-Agent System in Dynamic Scheduling through Meta-Heuristics. , 2007, , .		12
11	Resource-oriented scheduling for real world manufacturing systems. , 0, , .		11
12	Intelligent Scheduling with Reinforcement Learning. Applied Sciences (Switzerland), 2021, 11, 3710.	2.5	11
13	A Hybrid Intelligent System for Distributed Dynamic Scheduling. Studies in Computational Intelligence, 2009, , 295-324.	0.9	10
14	An Industry 4.0 oriented tool for supporting dynamic selection of dispatching rules based on Kano model satisfaction scheduling. FME Transactions, 2019, 47, 757-764.	1.4	10
15	Self-organization for scheduling in agile manufacturing. , 2011, , .		9
16	Prototype of an Adaptive Decision Support System for Interactive Scheduling with MetaCognition and User Modeling Experience. , 2014, , .		9
17	Q-learning based hyper-heuristic for scheduling system self-parameterization. , 2015, , .		8
18	Alternative approaches analysis for scheduling in an Extended Manufacturing Environment. , 2014, , .		7

#	Article	IF	Citations
19	Self-managing agents for dynamic scheduling in manufacturing. , 2008, , .		6
20	A Hybrid Metaheuristics Parameter Tuning Approach for Scheduling through Racing and Case-Based Reasoning. Applied Sciences (Switzerland), 2021, 11, 3325.	2.5	6
21	Collective intelligence on dynamic manufacturing scheduling optimization. , 2010, , .		5
22	Tuning Meta-Heuristics Using Multi-agent Learning in a Scheduling System. Lecture Notes in Computer Science, 2013, , 190-210.	1.3	5
23	Manufacturing rush orders rescheduling: a supervised learning approach. , 2014, , .		5
24	A User-Centered Interface for Scheduling Problem Definition. Advances in Intelligent Systems and Computing, 2013, , 1063-1073.	0.6	5
25	Deep Neural Networks Applied to Stock Market Sentiment Analysis. Sensors, 2022, 22, 4409.	3.8	5
26	An Inter-Machine Activity Coordination based Approach for Dynamic Job Shop Scheduling. Journal for Manufacturing Science and Production, 2001, 4, 121-131.	0.1	4
27	An architecture for user modeling on Intelligent and Adaptive Scheduling Systems. , 2014, , .		4
28	Evaluating the effectiveness of Bayesian and Neural Networks for Adaptive Schedulling Systems. , 2016, , .		4
29	Neurodegenerative Diseases Detection Through Voice Analysis. Advances in Intelligent Systems and Computing, 2018, , 213-223.	0.6	4
30	MASDScheGATS - Scheduling System for Dynamic Manufacturing Environmemts. , 0, , .		4
31	A Genetic Algorithm for the Dynamic Single Machine Scheduling Problem. , 2000, , 315-324.		3
32	Hybrid Multi-agent System for Cooperative Dynamic Scheduling Through Meta-Heuristics. , 2007, , .		3
33	Meta-heuristics tunning using CBR for dynamic scheduling. , 2010, , .		3
34	Ant Colony System based approach to single machine scheduling problems: Weighted tardiness scheduling problem. , 2012, , .		3
35	Towards Scheduling Optimization through Artificial Bee Colony Approach. , 2013, , .		3
36	An ordered heuristic for the allocation of resources in unrelated parallel-machines. International Journal of Industrial Engineering Computations, 2015, 6, 145-156.	0.7	3

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37	User modelling in scheduling system with artificial neural networks. , 2015, , .		3
38	An Intelligent Monitoring System for Assessing Bee Hive Health. IEEE Access, 2021, 9, 89009-89019.	4.2	3
39	Self-Optimization for Dynamic Scheduling in Manufacturing Systems. , 2010, , 421-426.		3
40	A Self-Parametrization Framework for Meta-Heuristics. Mathematics, 2022, 10, 475.	2.2	3
41	Self-optimizing through CBR learning. , 2010, , .		2
42	Multi-apprentice learning for meta-heuristics parameter tuning in a Multi Agent Scheduling System. , 2012, , .		2
43	Meta-heuristics Self-Parameterization in a Multi-agent Scheduling System Using Case-Based Reasoning. Intelligent Systems, Control and Automation: Science and Engineering, 2013, , 99-109.	0.5	2
44	Learning-Assisted Intelligent Scheduling System. , 2013, , .		2
45	A hybrid framework for supporting scheduling in extended manufacturing environments. , 2014, , .		2
46	Ordered minimum completion time heuristic for unrelated parallel-machines problems. , 2014, , .		2
47	Study on the impact of the NS in the performance of meta-heuristics in the TSP. , 2016, , .		2
48	Manufacturing Services Classification in a Decentralized Supply Chain Using Text Mining. Advances in Intelligent Systems and Computing, 2018, , 186-193.	0.6	2
49	Developing a Multi-Agent System for Dynamic Scheduling Trough Aose Perspective. , 2007, , 35-40.		2
50	Evaluation of the Simulated Annealing and the Discrete Artificial Bee Colony in the Weight Tardiness Problem with Taguchi Experiments Parameterization. Advances in Intelligent Systems and Computing, 2017, , 718-727.	0.6	2
51	Industrial Plant Layout Analyzing Based on SNA. Advances in Intelligent Systems and Computing, 2017, , 728-737.	0.6	2
52	Cooperation Mechanism for Distributed resource scheduling through artificial bee colony based self-organized scheduling system. , 2014, , .		1
53	An integer programming approach for balancing and scheduling in extended manufacturing environment. , 2015, , .		1
54	Model Proposal to Evaluate the Quality of a Production Planning and Control Software in an Industrial Context. Lecture Notes in Mechanical Engineering, 2019, , 38-47.	0.4	1

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55	Decision Support Tool for Dynamic Scheduling. Advances in Intelligent Systems and Computing, 2020, , 418-427.	0.6	1
56	Specification of an Architecture for Self-organizing Scheduling Systems. Advances in Intelligent Systems and Computing, 2017, , 771-780.	0.6	1
57	Desenvolvimento e avaliação de um interface com o utilizador para um sistema de escalonamento. RISTI - Revista Iberica De Sistemas E Tecnologias De Informacao, 2013, .	0.2	1
58	Collaborative Framework for Dynamic Scheduling Supporting in Networked Manufacturing Environments. International Journal of Web Portals, 2014, 6, 33-51.	1.1	1
59	A Machine Learning Approach to Contact Databases' Importation for Spam Prevention. Advances in Intelligent Systems and Computing, 2020, , 1-10.	0.6	1
60	Remote Monitor System for Alzheimer Disease. Lecture Notes in Networks and Systems, 2022, , 251-260.	0.7	1
61	Case-based reasoning for Self-Optimizing behavior. , 2010, , .		0
62	Negotiation mechanism for self-organized scheduling system. , 2011, , .		0
63	Conflicts Management in Retail Systems with Self-Regulation. Intelligent Systems, Control and Automation: Science and Engineering, 2013, , 417-427.	0.5	0
64	Parallel machines scheduling with fuzzy simulated annealing. , 2014, , .		0
65	An ordered approach to Minimum Completion Time in unrelated parallel-machines for the makespan optimization. , 2014, , .		0
66	Selection constructive based hyper-heuristic for dynamic scheduling. , 2015, , .		0
67	Scheduling single-machine problem oriented by Just-in-Time principles &#x2014; A case study. , 2015, , .		0
68	Scheduling and batching in multi-site flexible flow shop environments. , 2015, , .		0
69	Racing based approach for Metaheuristics parameter tuning. , 2015, , .		0
70	The Influence of Problem Specific Neighborhood Structures in Metaheuristics Performance. Journal of Mathematics, 2018, 2018, 1-14.	1.0	0
71	A low-cost automatic fall prevention system for inpatients. , 2018, , .		0
72	Characterizing Parkinson's Disease from Speech Samples Using Deep Structured Learning. Advances in Intelligent Systems and Computing, 2020, , 137-146.	0.6	0

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73	Ontology-Based Meta-model for Hybrid Collaborative Scheduling. Advances in Intelligent Systems and Computing, 2020, , 408-417.	0.6	0
74	Solving the Job Shop Scheduling Problem with Reinforcement Learning: A Statistical Analysis. Advances in Intelligent Systems and Computing, 2021, , 600-609.	0.6	0
75	A Production Scheduling Support Framework. Advances in Intelligent Systems and Computing, 2021, , 869-879.	0.6	0
76	Development of a Reinforcement Learning System to Solve the Job Shop Problem. Advances in Intelligent Systems and Computing, 2021, , 468-477.	0.6	0
77	Inter-Machine Cooperation Mechanism for Dynamic Scheduling. , 2010, , 483-488.		0
78	Developing Issues for Ant Colony System Based Approach for Scheduling Problems. Lecture Notes in Computer Science, 2013, , 119-144.	1.3	0
79	Cooperative Scheduling System with Emergent Swarm Based Behavior. Advances in Intelligent Systems and Computing, 2013, , 661-671.	0.6	0
80	Analysis of lot-sizing methods' suitability for different manufacturing application scenarios oriented to MRP and JIT/Kanban environments. Brazilian Journal of Operations and Production Management, 2019, 16, 638-649.	1.4	0
81	Diagnostics of electrochemically exfoliated nanographite by infrared and Raman spectroscopy. Materialovedenie, 2022, .	0.1	0
82	Hybrid Multi-agent System for Cooperative Dynamic Scheduling Through Meta-Heuristics. , 2007, , .		0