

# Ana Maria Madureira

## List of Publications by Year in descending order

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Version: 2024-02-01

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	A Self-Parametrization Framework for Meta-Heuristics. Mathematics, 2022, 10, 475.	2.2	3
2	Remote Monitor System for Alzheimer Disease. Lecture Notes in Networks and Systems, 2022, , 251-260.	0.7	1
3	Diagnostics of electrochemically exfoliated nanographite by infrared and Raman spectroscopy. Materialovedenie, 2022, .	0.1	0
4	Deep Neural Networks Applied to Stock Market Sentiment Analysis. Sensors, 2022, 22, 4409.	3.8	5
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	Solving the Job Shop Scheduling Problem with Reinforcement Learning: A Statistical Analysis. Advances in Intelligent Systems and Computing, 2021, , 600-609.	0.6	0
7	A Production Scheduling Support Framework. Advances in Intelligent Systems and Computing, 2021, , 869-879.	0.6	0
8	A Hybrid Metaheuristics Parameter Tuning Approach for Scheduling through Racing and Case-Based Reasoning. Applied Sciences (Switzerland), 2021, 11, 3325.	2.5	6
9	Intelligent Scheduling with Reinforcement Learning. Applied Sciences (Switzerland), 2021, 11, 3710.	2.5	11
10	Development of a Reinforcement Learning System to Solve the Job Shop Problem. Advances in Intelligent Systems and Computing, 2021, , 468-477.	0.6	0
11	An Intelligent Monitoring System for Assessing Bee Hive Health. IEEE Access, 2021, 9, 89009-89019.	4.2	3
12	Characterizing Parkinson's Disease from Speech Samples Using Deep Structured Learning. Advances in Intelligent Systems and Computing, 2020, , 137-146.	0.6	0
13	Deep Reinforcement Learning as a Job Shop Scheduling Solver: A Literature Review. Advances in Intelligent Systems and Computing, 2020, , 350-359.	0.6	27
14	Ontology-Based Meta-model for Hybrid Collaborative Scheduling. Advances in Intelligent Systems and Computing, 2020, , 408-417.	0.6	0
15	Decision Support Tool for Dynamic Scheduling. Advances in Intelligent Systems and Computing, 2020, , 418-427.	0.6	1
16	A Machine Learning Approach to Contact Databases' Importation for Spam Prevention. Advances in Intelligent Systems and Computing, 2020, , 1-10.	0.6	1
17	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
18	Automatic detection of Parkinson's disease based on acoustic analysis of speech. Engineering Applications of Artificial Intelligence, 2019, 77, 148-158.	8.1	101

#	ARTICLE	IF	CITATIONS
19	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
20	Analysis of lot-sizing methodsâ€™ 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
21	Neurodegenerative Diseases Detection Through Voice Analysis. Advances in Intelligent Systems and Computing, 2018, , 213-223.	0.6	4
22	Manufacturing Services Classification in a Decentralized Supply Chain Using Text Mining. Advances in Intelligent Systems and Computing, 2018, , 186-193.	0.6	2
23	The Influence of Problem Specific Neighborhood Structures in Metaheuristics Performance. Journal of Mathematics, 2018, 2018, 1-14.	1.0	0
24	A low-cost automatic fall prevention system for inpatients. , 2018, , .		0
25	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
26	Industrial Plant Layout Analyzing Based on SNA. Advances in Intelligent Systems and Computing, 2017, , 728-737.	0.6	2
27	Specification of an Architecture for Self-organizing Scheduling Systems. Advances in Intelligent Systems and Computing, 2017, , 771-780.	0.6	1
28	Evaluating the effectiveness of Bayesian and Neural Networks for Adaptive Scheduling Systems. , 2016, , .		4
29	Study on the impact of the NS in the performance of meta-heuristics in the TSP. , 2016, , .		2
30	Selection constructive based hyper-heuristic for dynamic scheduling. , 2015, , .		0
31	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
32	Scheduling single-machine problem oriented by Just-in-Time principles &#x2014; A case study. , 2015, , .		0
33	Q-learning based hyper-heuristic for scheduling system self-parameterization. , 2015, , .		8
34	Scheduling and batching in multi-site flexible flow shop environments. , 2015, , .		0
35	Racing based approach for Metaheuristics parameter tuning. , 2015, , .		0
36	User modelling in scheduling system with artificial neural networks. , 2015, , .		3

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37	An integer programming approach for balancing and scheduling in extended manufacturing environment. , 2015, , .		1
38	Manufacturing rush orders rescheduling: a supervised learning approach. , 2014, , .		5
39	Parallel machines scheduling with fuzzy simulated annealing. , 2014, , .		0
40	Using personas for supporting user modeling on scheduling systems. , 2014, , .		13
41	A hybrid framework for supporting scheduling in extended manufacturing environments. , 2014, , .		2
42	An architecture for user modeling on Intelligent and Adaptive Scheduling Systems. , 2014, , .		4
43	Alternative approaches analysis for scheduling in an Extended Manufacturing Environment. , 2014, , .		7
44	Prototype of an Adaptive Decision Support System for Interactive Scheduling with MetaCognition and User Modeling Experience. , 2014, , .		9
45	Negotiation mechanism for self-organized scheduling system with collective intelligence. Neurocomputing, 2014, 132, 97-110.	5.9	44
46	Cooperation Mechanism for Distributed resource scheduling through artificial bee colony based self-organized scheduling system. , 2014, , .		1
47	An ordered approach to Minimum Completion Time in unrelated parallel-machines for the makespan optimization. , 2014, , .		0
48	Ordered minimum completion time heuristic for unrelated parallel-machines problems. , 2014, , .		2
49	Collaborative Framework for Dynamic Scheduling Supporting in Networked Manufacturing Environments. International Journal of Web Portals, 2014, 6, 33-51.	1.1	1
50	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
51	Tuning Meta-Heuristics Using Multi-agent Learning in a Scheduling System. Lecture Notes in Computer Science, 2013, , 190-210.	1.3	5
52	Self-Optimization module for Scheduling using Case-based Reasoning. Applied Soft Computing Journal, 2013, 13, 1419-1432.	7.2	27
53	Towards Scheduling Optimization through Artificial Bee Colony Approach. , 2013, , .		3
54	Conflicts Management in Retail Systems with Self-Regulation. Intelligent Systems, Control and Automation: Science and Engineering, 2013, , 417-427.	0.5	0

#	ARTICLE	IF	CITATIONS
55	Learning-Assisted Intelligent Scheduling System. , 2013, , .		2
56	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
57	A User-Centered Interface for Scheduling Problem Definition. Advances in Intelligent Systems and Computing, 2013, , 1063-1073.	0.6	5
58	Developing Issues for Ant Colony System Based Approach for Scheduling Problems. Lecture Notes in Computer Science, 2013, , 119-144.	1.3	0
59	Cooperative Scheduling System with Emergent Swarm Based Behavior. Advances in Intelligent Systems and Computing, 2013, , 661-671.	0.6	0
60	Desenvolvimento e avaliaÃ§Ã£o de um interface com o utilizador para um sistema de escalonamento. RISTI - Revista Iberica De Sistemas E Tecnologias De Informacao, 2013, .	0.2	1
61	Ant Colony System based approach to single machine scheduling problems: Weighted tardiness scheduling problem. , 2012, , .		3
62	Multi-apprentice learning for meta-heuristics parameter tuning in a Multi Agent Scheduling System. , 2012, , .		2
63	Self-organization for scheduling in agile manufacturing. , 2011, , .		9
64	Negotiation mechanism for self-organized scheduling system. , 2011, , .		0
65	Case-based reasoning for Self-Optimizing behavior. , 2010, , .		0
66	Self-optimizing through CBR learning. , 2010, , .		2
67	Intelligent Bio-Inspired system for manufacturing scheduling under uncertainties. , 2010, , .		19
68	Collective intelligence on dynamic manufacturing scheduling optimization. , 2010, , .		5
69	Meta-heuristics tuning using CBR for dynamic scheduling. , 2010, , .		3
70	Self-Optimization for Dynamic Scheduling in Manufacturing Systems. , 2010, , 421-426.		3
71	Inter-Machine Cooperation Mechanism for Dynamic Scheduling. , 2010, , 483-488.		0
72	A Hybrid Intelligent System for Distributed Dynamic Scheduling. Studies in Computational Intelligence, 2009, , 295-324.	0.9	10

#	ARTICLE	IF	CITATIONS
73	Self-managing agents for dynamic scheduling in manufacturing. , 2008, , .		6
74	Hybrid Multi-agent System for Cooperative Dynamic Scheduling Through Meta-Heuristics. , 2007, , .		3
75	Cooperation Mechanism for Team-Work based Multi-Agent System in Dynamic Scheduling through Meta-Heuristics. , 2007, , .		12
76	Developing a Multi-Agent System for Dynamic Scheduling Trough Aose Perspective. , 2007, , 35-40.		2
77	Hybrid Multi-agent System for Cooperative Dynamic Scheduling Through Meta-Heuristics. , 2007, , .		0
78	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
79	A Genetic Algorithm for the Dynamic Single Machine Scheduling Problem. , 2000, , 315-324.		3
80	A coordination mechanism for real world scheduling problems using genetic algorithms. , 0, , .		22
81	Resource-oriented scheduling for real world manufacturing systems. , 0, , .		11
82	MASDScheGATS - Scheduling System for Dynamic Manufacturing Environmemts. , 0, , .		4