Juan M Novas

List of Publications by Year
in descending order

13 papers	237 citations	1163117 8 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	186 citing authors

#	Article	IF	Citations
1	Reactive scheduling framework based on domain knowledge and constraint programming. Computers and Chemical Engineering, 2010, 34, 2129-2148.	3.8	55
2	Integrated scheduling of resource-constrained flexible manufacturing systems using constraint programming. Expert Systems With Applications, 2014, 41, 2286-2299.	7.6	39
3	Production scheduling and lot streaming at flexible job-shops environments using constraint programming. Computers and Industrial Engineering, 2019, 136, 252-264.	6.3	36
4	A CP formulation for scheduling multiproduct multistage batch plants. Computers and Chemical Engineering, 2011, 35, 2973-2989.	3.8	28
5	A comprehensive constraint programming approach for the rolling horizon-based scheduling of automated wet-etch stations. Computers and Chemical Engineering, 2012, 42, 189-205.	3.8	18
6	A novel constraint programming model for large-scale scheduling problems in multiproduct multistage batch plants: Limited resources and campaign-based operation. Computers and Chemical Engineering, 2016, 93, 101-117.	3.8	18
7	An Approach for the Integration of a Scheduling System and a Multi-Agent Manufacturing Execution System. Towards a Collaborative Framework.. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 728-733.	0.4	13
8	A Collaborative Framework between a Scheduling System and a Holonic Manufacturing Execution System. Studies in Computational Intelligence, 2013, , 3-17.	0.9	12
9	Generalized disjunctive programming models for the truck loading problem: A case study from the non-alcoholic beverages industry. Transportation Research, Part E: Logistics and Transportation Review, 2020, 140, 101971.	7.4	6
10	A comprehensive CP approach for the scheduling of resource-constrained multiproduct multistage batch plants. Computer Aided Chemical Engineering, 2013, 32, 589-594.	0.5	5
11	GDP-based approach for optimal design of forest biorefinery supply chain considering circularity and conversion facilities co-location. Computers and Chemical Engineering, 2022, 163, 107834.	3.8	5
12	A Reactive Scheduling Approach Based on Domain-Knowledge. Computer Aided Chemical Engineering, 2009, 27, 765-770.	0.5	2
13	A Novel CP Approach for Scheduling an Automated Wet-Etch Station. Computer Aided Chemical Engineering, 2011, 29, 1085-1089.	0.5	0