Gabriela P Henning

List of Publications by Year
in descending order

18 papers	**506** citations	759233 **12** h-index	888059 **17** g-index
18 all docs	**18** docs citations	**18** times ranked	**308** citing authors

#	Article	IF	Citations
1	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
2	Integrated scheduling of resource-constrained flexible manufacturing systems using constraint programming. Expert Systems With Applications, 2014, 41, 2286-2299.	7.6	39
3	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
4	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
5	A CP formulation for scheduling multiproduct multistage batch plants. Computers and Chemical Engineering, 2011, 35, 2973-2989.	3.8	28
6	Reactive scheduling framework based on domain knowledge and constraint programming. Computers and Chemical Engineering, 2010, 34, 2129-2148.	3.8	55
7	Production Scheduling in the Process Industries: Current Trends, Emerging Challenges and Opportunities. Computer Aided Chemical Engineering, 2009, , 23-28.	0.5	20
8	A novel network-based continuous-time representation for process scheduling: Part I. Main concepts and mathematical formulation. Computers and Chemical Engineering, 2009, 33, 1511-1528.	3.8	43
9	A novel network-based continuous-time representation for process scheduling: Part II. General framework. Computers and Chemical Engineering, 2009, 33, 1644-1660.	3.8	27
10	A Hierarchical Product-Property Model to Support Product Classification and Manage Structural and Planning Data. Lecture Notes in Business Information Processing, 2009, , 639-650.	1.0	0
11	PRoduct ONTOlogy: Defining product-related concepts for logistics planning activities. Computers in Industry, 2008, 59, 231-241.	9.9	55
12	An efficient global event-based continuous-time formulation for the short-term scheduling of multipurpose batch plants. Computer Aided Chemical Engineering, 2007, , 661-666.	0.5	1
13	Knowledge-based predictive and reactive scheduling in industrial environments. Computers and Chemical Engineering, 2000, 24, 2315-2338.	3.8	40
14	Knowledge-Based Interactive Scheduling of Multiproduct Batch Plants. Lecture Notes in Computer Science, 2000, , 76-85.	1.3	1
15	A Mixed-Integer Linear Programming Model for Short-Term Scheduling of Single-Stage Multiproduct Batch Plants with Parallel Lines. Industrial & Engineering Chemistry Research, 1997, 36, 1695-1707.	3.7	122
16	A knowledge-based approach to production scheduling for batch processes. Computers and Chemical Engineering, 1996, 20, S1295-S1300.	3.8	6
17	A GENERALIZATION OF TWO INTRINSIC CRITERIA FOR RUNAWAY IN FIXED BED CATALYTIC REACTORS PART II CRITERIA PERFORMANCE ANALYSIS CO-CURRENT VERSUS COUNTER-CURRENT OPERATION. Chemical Engineering Communications, 1987, 59, 127-136.	2.6	1
18	Parametric sensitivity in fixed-bed catalytic reactors. Chemical Engineering Science, 1986, 41, 83-88.	3.8	27