

Gabriela P Henning

List of Publications by Year in descending order

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759233

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docs citations

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308
citing authors

#	ARTICLE	IF	CITATIONS
1	A Mixed-Integer Linear Programming Model for Short-Term Scheduling of Single-Stage Multiproduct Batch Plants with Parallel Lines. <i>Industrial & Engineering Chemistry Research</i> , 1997, 36, 1695-1707.	3.7	122
2	Product ONTOlogy: Defining product-related concepts for logistics planning activities. <i>Computers in Industry</i> , 2008, 59, 231-241.	9.9	55
3	Reactive scheduling framework based on domain knowledge and constraint programming. <i>Computers and Chemical Engineering</i> , 2010, 34, 2129-2148.	3.8	55
4	A novel network-based continuous-time representation for process scheduling: Part I. Main concepts and mathematical formulation. <i>Computers and Chemical Engineering</i> , 2009, 33, 1511-1528.	3.8	43
5	Knowledge-based predictive and reactive scheduling in industrial environments. <i>Computers and Chemical Engineering</i> , 2000, 24, 2315-2338.	3.8	40
6	Integrated scheduling of resource-constrained flexible manufacturing systems using constraint programming. <i>Expert Systems With Applications</i> , 2014, 41, 2286-2299.	7.6	39
7	A CP formulation for scheduling multiproduct multistage batch plants. <i>Computers and Chemical Engineering</i> , 2011, 35, 2973-2989.	3.8	28
8	Parametric sensitivity in fixed-bed catalytic reactors. <i>Chemical Engineering Science</i> , 1986, 41, 83-88.	3.8	27
9	A novel network-based continuous-time representation for process scheduling: Part II. General framework. <i>Computers and Chemical Engineering</i> , 2009, 33, 1644-1660.	3.8	27
10	Production Scheduling in the Process Industries: Current Trends, Emerging Challenges and Opportunities. <i>Computer Aided Chemical Engineering</i> , 2009, , 23-28.	0.5	20
11	A comprehensive constraint programming approach for the rolling horizon-based scheduling of automated wet-etch stations. <i>Computers and Chemical Engineering</i> , 2012, 42, 189-205.	3.8	18
12	A novel constraint programming model for large-scale scheduling problems in multiproduct multistage batch plants: Limited resources and campaign-based operation. <i>Computers and Chemical Engineering</i> , 2016, 93, 101-117.	3.8	18
13	A knowledge-based approach to production scheduling for batch processes. <i>Computers and Chemical Engineering</i> , 1996, 20, S1295-S1300.	3.8	6
14	A comprehensive CP approach for the scheduling of resource-constrained multiproduct multistage batch plants. <i>Computer Aided Chemical Engineering</i> , 2013, 32, 589-594.	0.5	5
15	A GENERALIZATION OF TWO INTRINSIC CRITERIA FOR RUNAWAY IN FIXED BED CATALYTIC REACTORS PART II CRITERIA PERFORMANCE ANALYSIS CO-CURRENT VERSUS COUNTER-CURRENT OPERATION. <i>Chemical Engineering Communications</i> , 1987, 59, 127-136.	2.6	1
16	An efficient global event-based continuous-time formulation for the short-term scheduling of multipurpose batch plants. <i>Computer Aided Chemical Engineering</i> , 2007, , 661-666.	0.5	1
17	Knowledge-Based Interactive Scheduling of Multiproduct Batch Plants. <i>Lecture Notes in Computer Science</i> , 2000, , 76-85.	1.3	1
18	A Hierarchical Product-Property Model to Support Product Classification and Manage Structural and Planning Data. <i>Lecture Notes in Business Information Processing</i> , 2009, , 639-650.	1.0	0