

Bastian Bruns

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

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citations

1477746

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1473754

9
g-index

11
all docs

11
docs citations

11
times ranked

32
citing authors

#	ARTICLE	IF	CITATIONS
1	Demand response scheduling using derivative-based dynamic surrogate models. Computers and Chemical Engineering, 2022, 160, 107711.	2.0	8
2	Indirect Demand Response Potential of Large-Scale Chemical Processes. Industrial & Engineering Chemistry Research, 2022, 61, 605-620.	1.8	7
3	Decentralized modular production to increase supply chain efficiency in chemical markets. Journal of Business Economics, 2021, 91, 867-895.	1.3	7
4	Efficient Production of Specialized Polymers with Highly Flexible Small-Scale Plants. Chemical Engineering and Technology, 2021, 44, 1148-1152.	0.9	1
5	Dynamic Design Optimization for Flexible Process Equipment. Industrial & Engineering Chemistry Research, 2021, 60, 7678-7688.	1.8	12
6	Flexibility analysis for demand-side management in large-scale chemical processes: An ethylene oxide production case study. Chemical Engineering Science, 2021, 243, 116779.	1.9	10
7	Development of a Dynamic Modeling Approach to Simulate a Segmented Distillation Column for Flexible Operation. ChemEngineering, 2021, 5, 66.	1.0	5
8	Analysis of Capacity Potentials in Continuously Operated Chemical Processes. Chemie-Ingenieur-Technik, 2020, 92, 2005-2015.	0.4	4
9	A systematic approach to define flexibility in chemical engineering. Journal of Advanced Manufacturing and Processing, 2020, 2, e10063.	1.4	24
10	Tactical Planning of Modular Production Networks in the Chemical Industry: A Case Study in Specialty Polymers. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2019, , 407-413.	0.1	3
11	Modularisierung in der Prozessindustrie: Bericht von der AICHEMA 2018. Chemie-Ingenieur-Technik, 2018, 90, 1949-1952.	0.4	2