

Robert Kender

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

105
citations

1307366
7
h-index

1474057
9
g-index

10
all docs

10
docs citations

10
times ranked

52
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressure-driven dynamic simulation of start up and shutdown procedures of distillation columns in air separation units. <i>Chemical Engineering Research and Design</i> , 2019, 147, 98-112.	2.7	31
2	Development of a digital twin for a flexible air separation unit using a pressure-driven simulation approach. <i>Computers and Chemical Engineering</i> , 2021, 151, 107349.	2.0	21
3	TUM's WelChem cell model for the prediction of liquid distribution in random packed columns. <i>AICHE Journal</i> , 2019, 65, e16598.	1.8	12
4	Flexibler Betrieb von Luftzerlegungsanlagen. <i>Chemie-Ingenieur-Technik</i> , 2020, 92, 1921-1940.	0.4	12
5	Flexible Operation of Air Separation Units. <i>ChemBioEng Reviews</i> , 2021, 8, 357-374.	2.6	10
6	Improving the load flexibility of industrial air separation units using a pressure-driven digital twin. <i>AICHE Journal</i> , 2022, 68, .	1.8	8
7	Development of control strategies for an air separation unit with a divided wall column using a pressure-driven digital twin. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022, 176, 108893.	1.8	8
8	Vergleich von Berechnungsmethoden des TUM's WelChem's Zellenmodells für die Querverteilung in Füllkörperperschichtungen. <i>Chemie-Ingenieur-Technik</i> , 2020, 92, 1821-1829.	0.4	2
9	A modular-hierarchical framework for the pressure-driven simulation of heat exchanger dynamics. <i>Computers and Chemical Engineering</i> , 2022, 163, 107821.	2.0	1