

# Robert Kender

## List of Publications by Year in descending order

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9  
papers

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citations

1307366

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h-index

1474057

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10  
all docs

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docs citations

10  
times ranked

52  
citing authors

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