

# Yixin Ye

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/433108/publications.pdf>

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papers

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1684188  
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docs citations

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86  
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#	ARTICLE	IF	CITATIONS
1	Integrating stochastic programming and reliability in the optimal synthesis of chemical processes. Computers and Chemical Engineering, 2022, 157, 107616.	3.8	6
2	MINLP Model for Reliability Optimization of System Design and Maintenance Based on Markov Chain Representation. Computer Aided Chemical Engineering, 2020, 48, 1057-1062.	0.5	2
3	Integrated optimization of design, storage sizing, and maintenance policy as a Markov decision process considering varying failure rates. Computers and Chemical Engineering, 2020, 142, 107052.	3.8	7
4	Large-scale selective maintenance optimization using bathtub-shaped failure rates. Computers and Chemical Engineering, 2020, 139, 106876.	3.8	16
5	Integrated Redundancy and Storage Design Optimization for Reliable Air Separation Units Based on Markov Chain—A Game Theoretic Solution. Industrial & Engineering Chemistry Research, 2020, 59, 2491-2504.	3.7	3
6	Modeling for reliability optimization of system design and maintenance based on Markov chain theory. Computers and Chemical Engineering, 2019, 124, 381-404.	3.8	43
7	Mixed-integer nonlinear programming models for optimal design of reliable chemical plants. Computers and Chemical Engineering, 2018, 116, 3-16.	3.8	31