

Richart Vazquez-Roman

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

191
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal facility layout under toxic release in process facilities: A stochastic approach. Computers and Chemical Engineering, 2010, 34, 122-133.	3.8	47
2	An approach for domino effect reduction based on optimal layouts. Journal of Loss Prevention in the Process Industries, 2013, 26, 887-894.	3.3	41
3	An approach to solve the facility layout problem based on the worst-case scenario. Journal of Loss Prevention in the Process Industries, 2010, 23, 385-392.	3.3	38
4	A MINLP approach for layout designs based on the domino hazard index. Journal of Loss Prevention in the Process Industries, 2014, 30, 219-227.	3.3	35
5	A model to optimize facility layouts with toxic releases and mitigation systems. Computers and Chemical Engineering, 2013, 56, 218-227.	3.8	16
6	A grid-based facilities allocation approach with safety and optimal heat exchanger networks synthesis. Computers and Chemical Engineering, 2015, 80, 92-100.	3.8	8
7	A reformulated nonlinear model to solve the facility layout problem. Chemical Engineering Communications, 2019, 206, 476-487.	2.6	6