

Javier Tovar-Facio

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

116
citations

1478280

6
h-index

1474057

9
g-index

12
all docs

12
docs citations

12
times ranked

117
citing authors

#	ARTICLE	IF	CITATIONS
1	Management of renewable energy sources. , 2022, , 3-31.		3
2	Sustainable Energy Transition Considering the Water-Energy Nexus: A Multiobjective Optimization Framework. ACS Sustainable Chemistry and Engineering, 2021, 9, 3768-3780.	3.2	16
3	Sustainable energy transition: modeling and optimization. Current Opinion in Chemical Engineering, 2021, 31, 100661.	3.8	22
4	Stochastic optimization of the water-energy-food nexus in disadvantaged rural communities to achieve the sustainable development goals. Sustainable Production and Consumption, 2021, 28, 1249-1261.	5.7	16
5	Effective Use of Carbon Pricing on Climate Change Mitigation Projects: Analysis of the Biogas Supply Chain to Substitute Liquefied-Petroleum Gas in Mexico. Processes, 2019, 7, 668.	1.3	14
6	Carbon Price Evaluation in Power Systems for Flaring Mitigation. Journal of Sustainable Development of Energy, Water and Environment Systems, 2019, 7, 716-729.	0.9	4
7	A Chance-Constrained Nonlinear Programming Approach for Equipment Design Under Uncertainty. Computer Aided Chemical Engineering, 2019, , 997-1002.	0.3	0
8	Scalable Solution Strategies for Chance-Constrained Nonlinear Programs. Industrial & Engineering Chemistry Research, 2018, 57, 7987-7998.	1.8	6
9	Optimal Design of Cogeneration Systems To Use Uncertain Flare Streams. Industrial & Engineering Chemistry Research, 2017, 56, 7049-7061.	1.8	2
10	Optimal Design of Multiplant Cogeneration Systems with Uncertain Flaring and Venting. ACS Sustainable Chemistry and Engineering, 2017, 5, 675-688.	3.2	15
11	Optimal Design of Cogeneration Systems Based on Flaring and Venting Streams and Accounting for the Involved Uncertainty. Computer Aided Chemical Engineering, 2017, 40, 937-942.	0.3	0
12	Optimal Synthesis of Refinery Property-Based Water Networks with Electrocoagulation Treatment Systems. ACS Sustainable Chemistry and Engineering, 2016, 4, 147-158.	3.2	18