

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