

Logan R Matthews

List of Publications by Year in descending order

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papers

212
citations

1162889

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1474057

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10
all docs

10
docs citations

10
times ranked

209
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel quantitative forecasting framework in energy with applications in designing energy-intelligent tax policies. <i>Applied Energy</i> , 2022, 305, 117790.	5.1	4
2	A framework to predict the price of energy for the end-users with applications to monetary and energy policies. <i>Nature Communications</i> , 2021, 12, 18.	5.8	21
3	Generalized robust counterparts for constraints with bounded and unbounded uncertain parameters. <i>Computers and Chemical Engineering</i> , 2018, 116, 451-467.	2.0	9
4	Natural Gas to Liquid Transportation Fuels under Uncertainty Using Robust Optimization. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 11112-11129.	1.8	8
5	New a priori and a posteriori probabilistic bounds for robust counterpart optimization: III. Exact and near-exact a posteriori expressions for known probability distributions. <i>Computers and Chemical Engineering</i> , 2017, 103, 116-143.	2.0	10
6	New a priori and a posteriori probabilistic bounds for robust counterpart optimization: II. A priori bounds for known symmetric and asymmetric probability distributions. <i>Computers and Chemical Engineering</i> , 2017, 101, 279-311.	2.0	17
7	Multi-scale systems engineering for energy and the environment: Challenges and opportunities. <i>AIChE Journal</i> , 2016, 62, 602-623.	1.8	78
8	Biomass to Liquid Transportation Fuels via Biological and Thermochemical Conversion: Process Synthesis and Global Optimization Strategies. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 3203-3225.	1.8	29
9	New a priori and a posteriori probabilistic bounds for robust counterpart optimization: I. Unknown probability distributions. <i>Computers and Chemical Engineering</i> , 2016, 84, 568-598.	2.0	36