Logan R Matthews

List of Publications by Year
in descending order

9	212	1162889 8	1474057 9
papers	citations	h-index	g-index

10	10	10	209
all docs	docs citations	times ranked	citing authors

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