

Andrea Koenig

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/656588/publications.pdf>

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11
papers

315
citations

1040056

9
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

428
citing authors

#	ARTICLE	IF	CITATIONS
1	Graph Neural Networks for Prediction of Fuel Ignition Quality. Energy & Fuels, 2020, 34, 11395-11407.	5.1	74
2	Early-stage evaluation of emerging CO ₂ utilization technologies at low technology readiness levels. Green Chemistry, 2020, 22, 3842-3859.	9.0	71
3	Optimization of Multiproduct Biorefinery Processes under Consideration of Biomass Supply Chain Management and Market Developments. Industrial & Engineering Chemistry Research, 2018, 57, 6980-6991.	3.7	33
4	Optimal Applications and Combinations of Renewable Fuel Production from Biomass and Electricity. Energy & Fuels, 2019, 33, 1659-1672.	5.1	33
5	Electrochemical cross-coupling of biogenic di-acids for sustainable fuel production. Green Chemistry, 2019, 21, 2334-2344.	9.0	32
6	Integrated design of renewable fuels and their production processes: recent advances and challenges. Current Opinion in Chemical Engineering, 2020, 27, 45-50.	7.8	15
7	Integrated design of processes and products: Optimal renewable fuels. Computers and Chemical Engineering, 2020, 134, 106712.	3.8	15
8	Toward co-optimization of renewable fuel blend production and combustion in ultra-high efficiency SI engines. International Journal of Engine Research, 2023, 24, 29-41.	2.3	12
9	Designing production-optimal alternative fuels for conventional, flexible-fuel, and ultra-high efficiency engines. Chemical Engineering Science, 2021, 237, 116562.	3.8	10
10	Designed to Be Green, Economic, and Efficient: A Ketone-Ester-Alcohol-Alkane Blend for Future Spark-Ignition Engines. ChemSusChem, 2021, 14, 5254-5264.	6.8	8
11	Minimal viable sugar yield of biomass pretreatment. Biofuels, Bioproducts and Biorefining, 2020, 14, 301-314.	3.7	7