

Andrea Koenig

List of Publications by Year in descending order

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

Version: 2024-02-01

11
papers

315
citations

1039880

9
h-index

1281743

11
g-index

14
all docs

14
docs citations

14
times ranked

428
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward co-optimization of renewable fuel blend production and combustion in ultra-high efficiency SI engines. <i>International Journal of Engine Research</i> , 2023, 24, 29-41.	1.4	12
2	Designing production-optimal alternative fuels for conventional, flexible-fuel, and ultra-high efficiency engines. <i>Chemical Engineering Science</i> , 2021, 237, 116562.	1.9	10
3	Designed to Be Green, Economic, and Efficient: A Ketoneâ€Esterâ€Alcoholâ€Alkane Blend for Future Sparkâ€Ignition Engines. <i>ChemSusChem</i> , 2021, 14, 5254-5264.	3.6	8
4	Minimal viable sugar yield of biomass pretreatment. <i>Biofuels, Bioproducts and Biorefining</i> , 2020, 14, 301-314.	1.9	7
5	Integrated design of renewable fuels and their production processes: recent advances and challenges. <i>Current Opinion in Chemical Engineering</i> , 2020, 27, 45-50.	3.8	15
6	Integrated design of processes and products: Optimal renewable fuels. <i>Computers and Chemical Engineering</i> , 2020, 134, 106712.	2.0	15
7	Graph Neural Networks for Prediction of Fuel Ignition Quality. <i>Energy & Fuels</i> , 2020, 34, 11395-11407.	2.5	74
8	Early-stage evaluation of emerging CO ₂ utilization technologies at low technology readiness levels. <i>Green Chemistry</i> , 2020, 22, 3842-3859.	4.6	71
9	Optimal Applications and Combinations of Renewable Fuel Production from Biomass and Electricity. <i>Energy & Fuels</i> , 2019, 33, 1659-1672.	2.5	33
10	Electrochemical cross-coupling of biogenic di-acids for sustainable fuel production. <i>Green Chemistry</i> , 2019, 21, 2334-2344.	4.6	32
11	Optimization of Multiproduct Biorefinery Processes under Consideration of Biomass Supply Chain Management and Market Developments. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 6980-6991.	1.8	33