

Rupali Tripathi

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

323
citations

1307594

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h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	A property database of fuel compounds with emphasis on spark-ignition engine applications. Applications in Energy and Combustion Science, 2021, 5, 100018.	1.5	17
2	Effects of blending 2,5-dimethylfuran and dimethyl ether to toluene primary reference fuels: A chemical kinetic study. Fuel, 2021, 304, 121401.	6.4	4
3	Unraveling the high reactivity of 3-methyltetrahydrofuran over 2-methyltetrahydrofuran through kinetic modeling and experiments. Proceedings of the Combustion Institute, 2019, 37, 221-230.	3.9	7
4	2-Methylfuran: A bio-derived octane booster for spark-ignition engines. Fuel, 2018, 225, 349-357.	6.4	26
5	Oxidation of 2-methylfuran and 2-methylfuran/n-heptane blends: An experimental and modeling study. Combustion and Flame, 2018, 196, 54-70.	5.2	32
6	Experimental and numerical study of a novel biofuel: 2-Butyltetrahydrofuran. Combustion and Flame, 2017, 178, 257-267.	5.2	26
7	Ignition characteristics of 2-methyltetrahydrofuran: An experimental and kinetic study. Proceedings of the Combustion Institute, 2017, 36, 587-595.	3.9	32
8	A comprehensive experimental and detailed chemical kinetic modelling study of 2,5-dimethylfuran pyrolysis and oxidation. Combustion and Flame, 2013, 160, 2291-2318.	5.2	143
9	Synthesis and Reactivity of <i>N</i> -Aminotroponiminatogermylenepyrrrole and Its Derivatives. Organometallics, 2013, 32, 3830-3836.	2.3	30
10	Analysis of Gasoline Surrogate Combustion Chemistry with a Skeletal Mechanism. , 0, , .		6