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List of Publications by Year in descending order

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15
papers

151
citations

1307366

7
h-index

1199470

12
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15
all docs

15
docs citations

15
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	“Green propellants” as a hydrazine substitute: experimental investigations of ethane/ethene-nitrous oxide mixtures and validation of detailed reaction mechanism. CEAS Space Journal, 2022, 14, 151-159.	1.1	3
2	Climate Impact Reduction Potentials of Synthetic Kerosene and Green Hydrogen Powered Mid-Range Aircraft Concepts. Applied Sciences (Switzerland), 2022, 12, 5950.	1.3	13
3	Measurements of the laminar burning velocities and NO concentrations in neat and blended ethanol and n-heptane flames. Fuel, 2021, 288, 119585.	3.4	6
4	Fiber-based stray light suppression in spectroscopy using periodic shadowing. Optics Express, 2021, 29, 7232.	1.7	7
5	Combustion kinetics of alternative jet fuels, Part-III: Fuel modeling and surrogate strategy. Fuel, 2021, 302, 120737.	3.4	9
6	An optimised chemical kinetic model for the combustion of fuel mixtures of syngas and natural gas. Fuel, 2020, 262, 116611.	3.4	10
7	Experimental and modeling study of nitric oxide formation in premixed methanol+Air flames. Combustion and Flame, 2020, 213, 322-330.	2.8	20
8	ETHENE/NITROUS OXIDE MIXTURES AS GREEN PROPELLANT TO SUBSTITUTE HYDRAZINE: REACTION MECHANISM VALIDATION. International Journal of Energetic Materials and Chemical Propulsion, 2020, 19, 65-71.	0.2	3
9	Future Fuels” Analyses of the Future Prospects of Renewable Synthetic Fuels. Energies, 2020, 13, 138.	1.6	25
10	An Investigation of Combustion Properties of a Gasoline Primary Reference Fuel Surrogate Blended With Butanol. , 2019, , .		1
11	An Investigation of Combustion Properties of Butanol and Its Potential for Power Generation. Journal of Engineering for Gas Turbines and Power, 2018, 140, .	0.5	6
12	A novel linear transformation model for the analysis and optimisation of chemical kinetics. Combustion Theory and Modelling, 2017, 21, 503-528.	1.0	17
13	An Investigation of Combustion Properties of Butanol and its Potential for Power Generation. , 2017, , .		0
14	Power generation based on biomass by combined fermentation and gasification “ A new concept derived from experiments and modelling. Bioresource Technology, 2014, 169, 510-517.	4.8	23
15	A Chemical-Kinetic Investigation of Combustion Properties of Alternative Fuels: A Step Towards More Efficient Power Generation. , 2013, , .		8