

Anna Petrarolo

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

99
citations

1936888

4
h-index

2053342

5
g-index

11
all docs

11
docs citations

11
times ranked

45
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding Kelvin-Helmholtz instability in paraffin-based hybrid rocket fuels. Experiments in Fluids, 2018, 59, 1.	1.1	23
2	Evaluation techniques for optical analysis of hybrid rocket propulsion. Journal of Fluid Science and Technology, 2016, 11, JFST0028-JFST0028.	0.2	22
3	Optical analysis of the liquid layer combustion of paraffin-based hybrid rocket fuels. Acta Astronautica, 2019, 158, 313-322.	1.7	13
4	Combustion Visualization and Characterization of Liquefying Hybrid Rocket Fuels. , 2015, , .		10
5	High-performance data analytics of hybrid rocket fuel combustion data using different machine learning approaches. , 2020, , .		7
6	Liquid Layer Combustion Visualization of Paraffin-based Hybrid Rocket Fuels. , 2017, , .		6
7	Sounding Rocket "HEROS" - A Low-Cost Hybrid Rocket Technology Demonstrator. , 2017, , .		6
8	Visualization of Combustion Phenomena in Paraffin-Based Hybrid Rocket Fuels at Super-Critical Pressures. , 2018, , .		5
9	On the liquid layer instability process in hybrid rocket fuels. FirePhysChem, 2021, 1, 244-250.	1.5	4
10	PRINCIPAL AND INDEPENDENT COMPONENT ANALYSIS OF HYBRID COMBUSTION FLAME. International Journal of Energetic Materials and Chemical Propulsion, 2019, 18, 9-29.	0.2	2
11	Data Clustering of Hybrid Rocket Combustion Flame. , 2019, , .		1