

# Rajiv Kumar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3884011/publications.pdf>

Version: 2024-02-01

11  
papers

210  
citations

1163117

8  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

56  
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies on EVA-Based Wax Fuel for Launch Vehicle Applications. Propellants, Explosives, Pyrotechnics, 2016, 41, 295-303.	1.6	37
2	Effect of multi-location swirl injection on the performance of hybrid rocket motor. Acta Astronautica, 2020, 176, 111-123.	3.2	30
3	Enhancement of Hybrid Fuel Regression Rate Using a Bluff Body. Journal of Propulsion and Power, 2014, 30, 909-916.	2.2	29
4	Issues Related to the Measurement of Regression Rate of Fast-Burning Hybrid Fuels. Journal of Propulsion and Power, 2013, 29, 1114-1121.	2.2	25
5	Effect of protrusion on the enhancement of regression rate. Aerospace Science and Technology, 2014, 39, 169-178.	4.8	25
6	Development of EVA-SEBS based wax fuel for hybrid rocket applications. Acta Astronautica, 2018, 152, 325-334.	3.2	24
7	Utility of Multiprotrusion as the Performance Enhancer in Hybrid Rocket Motor. Journal of Propulsion and Power, 2019, 35, 1005-1017.	2.2	18
8	Protrusion effect on the performance of hybrid rocket with liquefying and non-liquefying fuels. Acta Astronautica, 2021, 178, 536-547.	3.2	15
9	Experimental Studies of Protrusion-Inserted Hybrid Rocket Motor with Varying L/D Ratio. Journal of Spacecraft and Rockets, 2021, 58, 134-147.	1.9	6
10	Effect of Protrusion on Combustion Stability of Hybrid Rocket Motor. Propellants, Explosives, Pyrotechnics, 2022, 47, .	1.6	1
11	Effect of Activated Charcoal on the Performance of Hybrid Rocket Motor. Lecture Notes in Mechanical Engineering, 2021, , 465-475.	0.4	0