

Manisha B Padwal

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Performance of Two-Fluid Atomization of Gel Propellant. Journal of Propulsion and Power, 2022, 38, 30-39.	2.2	6
2	Kinetic Modeling of the Premixed Combustion of Blast Furnace Gas and Effects of Variable Compositions. Industrial & Engineering Chemistry Research, 2022, 61, 9658-9666.	3.7	1
3	Hypergolic combustion of boron based propellants. Proceedings of the Combustion Institute, 2021, 38, 6703-6711.	3.9	15
4	Gel propellants. Progress in Energy and Combustion Science, 2021, 83, 100885.	31.2	62
5	Thermal decomposition and combustion characteristics of HTPB-coarse AP composite solid propellants catalyzed with Fe ₂ O ₃ . Combustion Science and Technology, 2018, 190, 1614-1629.	2.3	32
6	Characteristics of gelled Jet A1 sprays formed by internal impingement of micro air jets. Fuel, 2016, 185, 599-611.	6.4	22
7	Interactions among synthesis, rheology, and atomization of a gelled propellant. Rheologica Acta, 2016, 55, 177-186.	2.4	33
8	Experimental Characterization of Gelled Jet A1 Spray Flames. Flow, Turbulence and Combustion, 2016, 97, 295-337.	2.6	12
9	EXPERIMENTAL STUDIES ON BLUFF BODY-ASSISTED AIRBLAST ATOMIZER. Atomization and Sprays, 2016, 26, 1127-1150.	0.8	5
10	Synthesis of Jet A1 gel fuel and its characterization for propulsion applications. Fuel Processing Technology, 2013, 106, 359-365.	7.2	29
11	EFFECT OF AIR INJECTION CONFIGURATION ON THE ATOMIZATION OF GELLED JET A1 FUEL IN AN AIR-ASSIST INTERNALLY MIXED ATOMIZER. Atomization and Sprays, 2013, 23, 327-341.	0.8	19
12	Effects of gellant concentration on the burning and flame structure of organic gel propellant droplets. Fuel, 2011, 90, 1805-1810.	6.4	53