Swarup Y Jejurkar

List of Publications by Year
in descending order

14	234	1163117 8	1058476 14
papers	citations	h-index	g-index

14	14	14	174
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of wall thermal conductivity on entropy generation and exergy losses in a H2-air premixed flame microcombustor. International Journal of Hydrogen Energy, 2011, 36, 15851-15859.	7.1	46
2	Flame stability studies in a hydrogenâ€“air premixed flame annular microcombustor. International Journal of Hydrogen Energy, 2011, 36, 7326-7338.	7.1	34
3	A Review of Recent Patents on Micro-Combustion and Applications. Recent Patents on Engineering, 2009, 3, 194-209.	0.4	30
4	Visualizations of sheet breakup of non-Newtonian gels loaded with nanoparticles. International Journal of Multiphase Flow, 2018, 100, 57-76.	3.4	27
5	Numerical characterization of a premixed flame based annular microcombustor. International Journal of Hydrogen Energy, 2010, 35, 9755-9766.	7.1	26
6	Numerical analysis of entropy generation in an annular microcombustor using multistep kinetics. Applied Thermal Engineering, 2013, 52, 394-401.	6.0	21
7	Thermal performance characteristics of a microcombustor for heating and propulsion. Applied Thermal Engineering, 2011, 31, 521-527.	6.0	15
8	Characterization of impinging jet sprays of gelled propellants loaded with nanoparticles in the impact wave regime. Fuel, 2018, 228, 10-22.	6.4	15
9	Maldistribution Effects in an Industrial-Scale Trickle Bed Reactor. Industrial & Engineering Chemistry Research, 2020, 59, 7405-7415.	3.7	5
10	EXPERIMENTAL STUDIES ON BLUFF BODY-ASSISTED AIRBLAST ATOMIZER. Atomization and Sprays, 2016, 26, 1127-1150.	0.8	5
11	Characterization of confined hydrogen-air jet flame in a crossflow configuration using design of experiments. International Journal of Hydrogen Energy, 2013, 38, 5165-5175.	7.1	4
12	Some aspects of stabilization and structure of laminar premixed hydrogen-air flames in a microchannel. Applied Thermal Engineering, 2015, 87, 539-546.	6.0	3
13	Structure of lean premixed hydrogen-air flames in an annular microcombustor. Combustion, Explosion and Shock Waves, 2012, 48, 497-507.	0.8	2
14	Scaling analysis of a microcombustor. Chemical Engineering Journal, 2017, 313, 1426-1437.	12.7	1