Ruey-Hung Chen

List of Publications by Year
in descending order

20	834	840119 11	839053 18
papers	citations	h-index	g-index

20	20	20	447
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of recirculating structures in the near field of underexpanded swirling jets. Experiments in Fluids, 2019, 60, 1.	1.1	0
2	Experimental Study of an Underexpanded Supersonic Jet under Non-Swirling and Swirling Conditions. , 2018, , .		1
3	Modeling and experimental studies of thermal degradation of glass fiber reinforced polymer composites. Fire and Materials, 2014, 38, 247-263.	0.9	4
4	Fire performance and postâ€fire mechanical properties of polymer composites coated with hybrid carbon nanofiber paper. Journal of Applied Polymer Science, 2012, 124, 37-48.	1.3	14
5	Morphology, thermal stability, and flammability of polymer matrix composites coated with hybrid nanopapers. Polymers for Advanced Technologies, 2011, 22, 1403-1413.	1.6	12
6	Flammability of carbon nanofiberâ€“clay nanopaper based polymer composites. Polymers for Advanced Technologies, 2011, 22, 2250-2256.	1.6	10
7	Droplet and Bubble Dynamics in Saturated FC-72 Spray Cooling on a Smooth Surface. Journal of Heat Transfer, 2008, 130, .	1.2	19
8	EFFECTS OF DILUTION ON BLOWOUT LIMITS OF TURBULENT JET FLAMES. Combustion Science and Technology, 2004, 176, 1735-1753.	1.2	34
9	FUEL LEWIS NUMBER EFFECTS IN UNSTEADY BURKEâ€“SCHUMANN HYDROGEN FLAMES. Combustion Science and Technology, 2004, 177, 75-88.	1.2	8
10	AN EXPERIMENTAL STUDY OF PULSATING INSTABILITY IN NEAR-LIMIT LAMINAR NONPREMIXED FLAMES. Combustion Science and Technology, 2004, 176, 1191-1215.	1.2	7
11	Bubble Behavior and Nucleate Boiling Heat Transfer in Saturated FC-72 Spray Cooling. Journal of Heat Transfer, 2002, 124, 63-72.	1.2	167
12	Elimination of Screech Tone Noise in Supersonic Swirling Jets. AIAA Journal, 1999, 37, 998-1000.	1.5	6
13	Screech Tone Noise and Mode Switching in Supersonic Swirling Jets. AIAA Journal, 1998, 36, 1968-1974.	1.5	18
14	Effects of Fuel Lewis Number on and Damkohler Number Scaling of Nitric Oxide Emission Levelof Burke-Schumann Type Flames. Combustion Science and Technology, 1997, 127, 293-318.	1.2	11
15	NOxand NO2Emission of Swirl-Stabilized Nonpremixed Flames of a H2â€”CH4Mixture. Combustion Science and Technology, 1996, 120, 321-333.	1.2	5
16	Some Characteristics of NOxEmission of Turbulent Nonpremixed Hydrogen-Air Flames Stabilized by Swirl-Generated Flow Recirculation. Combustion Science and Technology, 1995, 110-111, 443-460.	1.2	28
17	Nitric oxide levels of turbulent jet diffusion flames: Effects of residence time and damkohler number. Combustion and Flame, 1992, 88, 37-49.	2.8	160
18	Enhancement of flame blowout limits by the use of swirl. Combustion and Flame, 1990, 80, 183-195.	2.8	146

#	Article	IF	Citations
19	A Comparison of Bluff-Body and Swirl-Stabilized Flames. Combustion Science and Technology, 1990, 71, 197-217.	1.2	100
20	The role of the recirculation vortex in improving fuel-air mixing within swirling flames. Proceedings of the Combustion Institute, 1989, 22, 531-540.	0.3	84