

K R Sreenivas

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

186
citations

1478505

6
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	Vortex-dynamics model for entrainment in jets and plumes. <i>Physics of Fluids</i> , 2000, 12, 2101-2107.	4.0	47
2	Instability due to Viscosity Stratification Downstream of a Centerline Injector. <i>Canadian Journal of Chemical Engineering</i> , 2003, 81, 913-922.	1.7	43
3	Levitation of a drop over a film flow. <i>Journal of Fluid Mechanics</i> , 1999, 380, 297-307.	3.4	38
4	Laboratory simulations show diabatic heating drives cumulus-cloud evolution and entrainment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16164-16169.	7.1	23
5	Cumulus-Type Flows in the Laboratory and on the Computer: Simulating Cloud Form, Evolution, and Large-Scale Structure. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, 1541-1548.	3.3	12
6	Field and laboratory experiments on aerosol-induced cooling in the nocturnal boundary layer. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 151-169.	2.7	8
7	Hypercooling in the Nocturnal Boundary Layer: Broadband Emissivity Schemes. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 2892-2905.	1.7	7
8	Hyper-cooling in the nocturnal boundary layer: the Ramdas paradox. <i>Physica Scripta</i> , 2010, T142, 014041.	2.5	6
9	Natural Ventilation in a Model Room. <i>Journal of Thermal Science and Engineering Applications</i> , 2012, 4, .	1.5	1
10	Hypercooling in the Atmospheric Boundary Layer: Beyond Broadband Emissivity Schemes. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 278-283.	1.7	1
11	Hydrodynamic lubrication. <i>Resonance</i> , 1996, 1, 51-58.	0.3	0
12	Study of Submerged Jet for Suction of Fluid. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2012, 134, .	1.5	0