

Simon Cm Yu

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

446
citations

1305906

8
h-index

1255698

13
g-index

14
all docs

14
docs citations

14
times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling particle distribution and deposition in indoor environments with a new drift-flux model. Atmospheric Environment, 2006, 40, 357-367.	1.9	264
2	Active control of vortex-induced vibrations of a circular cylinder using windward-suction-leeward-blowing actuation. Physics of Fluids, 2016, 28, .	1.6	59
3	Practical Automated Video Analytics for Crowd Monitoring and Counting. IEEE Access, 2019, 7, 183252-183261.	2.6	32
4	Lock-on of vortex shedding to a pair of synthetic jets with phase difference. Physical Review Fluids, 2017, 2, .	1.0	22
5	Computational Studies for the Design Parameters of Hollow Fibre Membrane Modules. Journal of Membrane Science, 2017, 529, 263-273.	4.1	16
6	Effects of initial boundary layers to the lobed mixed trailing streamwise vorticity. Journal of Propulsion and Power, 1996, 12, 440-442.	1.3	13
7	Development of the impulse and thrust for laminar starting jets with finite discharged volume. Journal of Fluid Mechanics, 2020, 902, .	1.4	11
8	Near-Field Velocity Measurements of Confined Square Jet with Primary and Secondary Tabs. AIAA Journal, 1998, 36, 288-290.	1.5	9
9	A general definition of formation time for starting jets and forced plumes at low Richardson number. Journal of Fluid Mechanics, 2020, 886, .	1.4	7
10	Numerical Investigation of NOx Emission Reduction in Non-Premixed Lean Reverse-Flow Combustor in a Micro Gas Turbine Engine. Emission Control Science and Technology, 2020, 6, 285-300.	0.8	5
11	Convective diffusion of particles deposition under electrostatics from turbulently-mixed conditions. Chemical Engineering Science, 2004, 59, 2929-2936.	1.9	4
12	Vortex formation in starting buoyant jets at moderate Richardson numbers. Physics of Fluids, 2020, 32, 117107.	1.6	3
13	Theoretical and Computational Analysis on Double-End Submerged Hollow Fibre Membrane Modules. Energies, 2018, 11, 1042.	1.6	1
14	Experimental Investigation of Two Phase Flow in Micro-Sized Circular Tubes. , 2012, , .		0