Manab Kumar Das

List of Publications by Year
in descending order

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36	2,579	516215	360668
papers	citations	16 h-index	35 g-index

36	36	36	1303
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nature of turbulence inside a cubical lid-driven cavity: Effect of Reynolds number. International Journal of Heat and Fluid Flow, 2019, 80, 108498.	1.1	10
2	High Reynolds number incompressible turbulent flow inside a lid-driven cavity with multiple aspect ratios. Physics of Fluids, 2018, 30, 075107.	1.6	15
3	Numerical investigation on the performance of low-Reynolds number<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si28.gif" overflow="scroll"><mml:mrow><mml:mi>k</mml:mi><mml:mo>-</mml:mo><mml:mi>âˆŠ</mml:mi></mml:mrow></mml:math>models for a buoyancy-opposed wall jet flow. International Journal of Heat and Mass Transfer, 2016, 95, 626-649.	2.6	15
4	Investigation on the relative performance of various low-Reynolds number turbulence models for buoyancy-driven flow in a tall cavity. Heat and Mass Transfer, 2016, 52, 437-457.	1.2	7
5	A comparative study of heat transfer characteristics of wall-bounded jets using different turbulence models. International Journal of Thermal Sciences, 2015, 89, 337-356.	2.6	38
6	Comparison of two low-Reynolds number turbulence models for fluid flow study of wall bounded jets. International Journal of Heat and Mass Transfer, 2013, 61, 365-380.	2.5	51
7	Study of a Turbulent Dual Jet Consisting of a Wall Jet and an Offset Jet. Journal of Fluids Engineering, Transactions of the ASME, 2011, 133, .	0.8	38
8	Effect of Geometry on the Conjugate Heat Transfer of Wall Jet Flow Over a Backward-Facing Step. Journal of Heat Transfer, 2009, 131, .	1.2	9
9	Conjugate heat transfer study of incompressible turbulent offset jet flows. Heat and Mass Transfer, 2009, 45, 1141-1152.	1.2	12
10	Numerical study of mixed convection in a two-dimensional laminar incompressible offset jet flow. International Journal of Heat and Mass Transfer, 2009, 52, 1023-1035.	2.5	9
11	Conjugate Mixed Convection Heat Transfer in Plane Laminar Wall Jet Flow. Numerical Heat Transfer; Part A: Applications, 2009, 56, 60-75.	1.2	5
12	Natural convection heat transfer augmentation in a partially heated and partially cooled square cavity utilizing nanofluids. International Journal of Numerical Methods for Heat and Fluid Flow, 2009, 19, 411-431.	1.6	41
13	Computational study of heat transfer in a conjugate turbulent wall jet flow with constant heat flux. International Journal of Numerical Methods for Heat and Fluid Flow, 2009, 19, 39-52.	1.6	9
14	Heatline method for the visualization of natural convection in a complicated cavity. International Journal of Heat and Mass Transfer, 2008, 51, 263-272.	2.5	74
15	Heat transfer study of two-dimensional laminar incompressible offset jet flows. International Journal of Thermal Sciences, 2008, 47, 1620-1629.	2.6	9
16	Computational Study of Heat Transfer in a Conjugate Turbulent Wall Jet Flow at High Reynolds Number. Journal of Heat Transfer, 2008, 130, .	1.2	7
17	Conjugate Heat Transfer Study of a Two-Dimensional Laminar Incompressible Wall Jet Over a Backward-Facing Step. Journal of Heat Transfer, 2007, 129, 220-231.	1.2	9
18	Study of Conjugate Heat Transfer from a Flat Plate by Turbulent Offset Jet Flow. Numerical Heat Transfer; Part A: Applications, 2007, 53, 524-542.	1.2	13

#	Article	IF	Citations
19	Numerical Simulation of Mixed Convection in a Two-Dimensional Laminar Plane Wall Jet Flow. Numerical Heat Transfer; Part A: Applications, 2007, 52, 621-642.	1.2	9
20	Transient study of buoyancy-assisted mixed convection in laminar plane wall jet flow. International Communications in Heat and Mass Transfer, 2007, 34, 809-819.	2.9	2
21	Heat transfer augmentation in a two-sided lid-driven differentially heated square cavity utilizing nanofluids. International Journal of Heat and Mass Transfer, 2007, 50, 2002-2018.	2.5	1,810
22	Hopf bifurcation in mixed convection flow inside a rectangular cavity. International Journal of Heat and Mass Transfer, 2007, 50, 3583-3598.	2.5	31
23	Numerical study of laminar natural convection in a complicated cavity heated from top with sinusoidal temperature and cooled from other sides. Computers and Fluids, 2007, 36, 680-700.	1.3	24
24	Heat Transfer Study of Two-Dimensional Laminar Incompressible Wall Jet over Backward-Facing Step. Numerical Heat Transfer; Part A: Applications, 2006, 50, 165-187.	1.2	21
25	Natural Convection in a Rectangular Cavity Heated from Below and Uniformly Cooled from the Top and Both Sides. Numerical Heat Transfer; Part A: Applications, 2006, 49, 301-322.	1.2	40
26	Conjugate heat transfer study of backward-facing step flow â€“ A benchmark problem. International Journal of Heat and Mass Transfer, 2006, 49, 3929-3941.	2.5	32
27	A short note on the reattachment length for BFS problem. International Journal for Numerical Methods in Fluids, 2006, 50, 683-692.	0.9	10
28	A short note on the entrainment and exit boundary conditions. International Journal for Numerical Methods in Fluids, 2006, 50, 973-985.	0.9	8
29	Natural Convection in a Cavity With a Wavy Wall Heated From Below and Uniformly Cooled From the Top and Both Sides. Journal of Heat Transfer, 2006, 128, 717-725.	1.2	38
30	Numerical Simulation of Two-Dimensional Laminar Incompressible Wall Jet Flow Under Backward-Facing Step. Journal of Fluids Engineering, Transactions of the ASME, 2006, 128, 1023-1035.	0.8	9
31	Laminar natural convection in an inclined complicated cavity with spatially variable wall temperature. International Journal of Heat and Mass Transfer, 2005, 48, 3833-3854.	2.5	60
32	Conjugate forced convection heat transfer from a flat plate by laminar plane wall jet flow. International Journal of Heat and Mass Transfer, 2005, 48, 2896-2910.	2.5	48
33	Numerical simulation of two-dimensional laminar incompressible offset jet flows. International Journal for Numerical Methods in Fluids, 2005, 49, 439-464.	0.9	16
34	Laminar natural convection in an inclined complicated cavity with spatially variable wall temperature. International Journal of Heat and Mass Transfer, 2005, 48, 2986-3007.	2.5	20
35	Conjugate Heat Transfer Study of Two-Dimensional Laminar Incompressible Offset Jet Flows. Numerical Heat Transfer; Part A: Applications, 2005, 48, 671-691.	1.2	27
36	Laminar Natural Convection in a Complicated Cavity With Spatially Variable Upper Wall Temperature. , 2003, , 633.		3