

Chuan-Chieh Liao

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

494
citations

1163117

8
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

399
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of heat transfer transition of thermally driven flow within a square enclosure under effects of inclined magnetic field. <i>International Communications in Heat and Mass Transfer</i> , 2022, 130, 105817.	5.6	7
2	Avoidance of Particle Accumulation in a Coating Diffuser during Dilute-Phase Pneumatic Conveying: A Case Study through Computational Fluid Dynamics. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 855-865.	3.7	2
3	Effect of different magnetic field angles on the relationship between nanofluid concentration and heat transfer. <i>International Communications in Heat and Mass Transfer</i> , 2022, 135, 106137.	5.6	6
4	Influence of Inclined Magnetic Field on Heat Transfer Transitions of Nanofluids Flow. , 2021, , .		0
5	Assessment of the magnetic field influence on heat transfer transition of natural convection within a square cavity. <i>Case Studies in Thermal Engineering</i> , 2021, 28, 101638.	5.7	9
6	Chamfer-Type Capillary Stop Valve and Its Microfluidic Application to Blood Typing Tests. <i>SLAS Technology</i> , 2019, 24, 188-195.	1.9	4
7	Heat transfer transitions of natural convection flows in a differentially heated square enclosure filled with nanofluids. <i>International Journal of Heat and Mass Transfer</i> , 2017, 115, 625-634.	4.8	26
8	Simulations of two sedimenting-interacting spheres with different sizes and initial configurations using immersed boundary method. <i>Computational Mechanics</i> , 2015, 55, 1191-1200.	4.0	30
9	Influence of Prandtl number on the instability of natural convection flows within a square enclosure containing an embedded heated cylinder at moderate Rayleigh number. <i>Physics of Fluids</i> , 2015, 27, .	4.0	33
10	Mixed convection of a heated rotating cylinder in a square enclosure. <i>International Journal of Heat and Mass Transfer</i> , 2014, 72, 9-22.	4.8	93
11	Transitions of natural convection flows in a square enclosure with a heated circular cylinder. <i>Applied Thermal Engineering</i> , 2014, 72, 41-47.	6.0	23
12	Influences of a confined elliptic cylinder at different aspect ratios and inclinations on the laminar natural and mixed convection flows. <i>International Journal of Heat and Mass Transfer</i> , 2012, 55, 6638-6650.	4.8	51
13	Simulations of natural and forced convection flows with moving embedded object using immersed boundary method. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2012, 213-216, 58-70.	6.6	41
14	Simulating flows with moving rigid boundary using immersed-boundary method. <i>Computers and Fluids</i> , 2010, 39, 152-167.	2.5	168
15	A two-phase model for studying the complex interplay between natural convection and magnetic field in aluminum-oxide/water nanofluid. <i>Numerical Heat Transfer; Part A: Applications</i> , 0, , 1-14.	2.1	1