

Ramon L Frederick

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

409
citations

10
h-index

13
g-index

13
ext. papers

430
ext. citations

4.3
avg, IF

3.35
L-index

#	Paper	IF	Citations
13	Heat transfer in square cavities with partially active vertical walls. <i>International Journal of Heat and Mass Transfer</i> , 1989 , 32, 1567-1574	4.9	88
12	Natural convection in an inclined square enclosure with a partition attached to its cold wall. <i>International Journal of Heat and Mass Transfer</i> , 1989 , 32, 87-94	4.9	76
11	NATURAL CONVECTION IN SLENDER CAVITIES WITH MULTIPLE FINS ATTACHED TO AN ACTIVE WALL. <i>Numerical Heat Transfer; Part A: Applications</i> , 1991 , 20, 127-158	2.3	45
10	Heat transfer in a square cavity with a conducting partition on its hot wall. <i>International Communications in Heat and Mass Transfer</i> , 1989 , 16, 347-354	5.8	43
9	On the transition from conduction to convection regime in a cubical enclosure with a partially heated wall. <i>International Journal of Heat and Mass Transfer</i> , 2001 , 44, 1699-1709	4.9	42
8	Three-dimensional natural convection in finned cubical enclosures. <i>International Journal of Heat and Fluid Flow</i> , 2007 , 28, 289-298	2.4	37
7	Heat transfer enhancement in cubical enclosures with vertical fins. <i>Applied Thermal Engineering</i> , 2007 , 27, 1585-1592	5.8	22
6	On the aspect ratio for which the heat transfer in differentially heated cavities is maximum. <i>International Communications in Heat and Mass Transfer</i> , 1999 , 26, 549-558	5.8	20
5	NATURAL CONVECTION IN CUBICAL ENCLOSURES WITH THERMAL SOURCES ON ADJACENT VERTICAL WALLS. <i>Numerical Heat Transfer; Part A: Applications</i> , 2002 , 41, 331-340	2.3	15
4	Natural convection heat transfer in a cubical enclosure with two active sectors on one vertical wall. <i>International Communications in Heat and Mass Transfer</i> , 1997 , 24, 507-520	5.8	11
3	SEMI ANALYTIC SOLUTION TO THE CARTESIAN GRAETZ PROBLEM: RESULTS FOR THE ENTRANCE REGION. <i>International Communications in Heat and Mass Transfer</i> , 2004 , 31, 733-740	5.8	5
2	Natural convection in central microcavities of vertical, finned enclosures of very high aspect ratios. <i>International Journal of Heat and Fluid Flow</i> , 1995 , 16, 114-124	2.4	5
1	Heat transfer enhancement in a cubical enclosure with hot and cold sectors in two opposite vertical walls. <i>International Journal of Thermal Sciences</i> , 2019 , 145, 106035	4.1	0