

Samir Houat

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The lattice Boltzmann method for Mixed Convection in a Cavity. Energy Procedia, 2017, 139, 186-191.	1.8	10
2	Simulation of mixed convection in a horizontal channel heated from below by the lattice Boltzmann method. EPJ Applied Physics, 2017, 78, 34806.	0.7	8
3	Numerical study of building materials filled by PCM for thermal energy storage. <i>Anyag: Journal of Silicate Based and Composite Materials</i> , 2018, 70, 123-127.	0.2	5
4	Numerical investigation of low Prandtl number effect on mixed convection in a horizontal channel by the lattice Boltzmann method. Heat Transfer, 2020, 49, 4528-4542.	3.0	4
5	Mesoscopic study of natural convection in a square cavity filled with alumina-based nanofluid. Energy Procedia, 2017, 139, 758-765.	1.8	3
6	Numerical analysis and explore of asymmetrical fluid flow in a two-sided lid-driven cavity. Journal of Mechanical Engineering and Sciences, 2020, 14, 7269-7281.	0.6	3
7	Numerical Assessment of Turbulent Flow Driving in a Two-Sided Lid-Driven Cavity with Antiparallel Wall Motion. Defect and Diffusion Forum, 0, 406, 133-148.	0.4	2
8	Numerical Solutions of Steady Flow in a Three-Sided Lid-Driven Square Cavity. International Journal of Applied and Computational Mathematics, 2022, 8, 1.	1.6	2
9	Asymmetrical Flow Driving in Two-Sided Lid-Driven Square Cavity with Antiparallel Wall Motion. MATEC Web of Conferences, 2020, 330, 01009.	0.2	1
10	Heat transfer study of phase change material incorporated into a cavity of a hollow brick during melting. MATEC Web of Conferences, 2020, 330, 01049.	0.2	1
11	Study of the Mixed Convection in a Horizontal Channel Heated from below. Applied Mechanics and Materials, 0, 789-790, 398-402.	0.2	0
12	Upper Openings Ventilation System Study of the Building by the Lattice Boltzmann Model. Defect and Diffusion Forum, 0, 406, 164-169.	0.4	0
13	MRT-LBM simulation of mixed convection in a horizontal channel heated from below by sinusoidal temperature profile. MATEC Web of Conferences, 2020, 330, 01042.	0.2	0