

# Arman Safdari

## List of Publications by Year in descending order

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papers

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citations

1478505

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1281871

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docs citations

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times ranked

123  
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#	ARTICLE	IF	CITATIONS
1	Adaptive-Network-Based Fuzzy Inference System Analysis to Predict the Temperature and Flow Fields in a Lid-Driven Cavity. Numerical Heat Transfer; Part A: Applications, 2013, 63, 906-920.	2.1	40
2	Lattice Boltzmann simulation of solid particles behavior in a three-dimensional lid-driven cavity flow. Computers and Mathematics With Applications, 2014, 68, 606-621.	2.7	24
3	Lattice Boltzmann simulation of the three-dimensional motions of particles with various density ratios in lid-driven cavity flow. Applied Mathematics and Computation, 2015, 265, 826-843.	2.2	17
4	The effect of mixed convection on particle laden flow analysis in a cavity using a Lattice Boltzmann method. Computers and Mathematics With Applications, 2014, 67, 52-61.	2.7	12
5	Cubic-Interpolated Pseudo-particle model to predict thermal behavior of a nanofluid. Computers and Fluids, 2018, 164, 102-113.	2.5	9
6	Visualization of nanofluid flow field by adaptive-network-based fuzzy inference system (ANFIS) with cubic interpolation particle approach. Journal of Visualization, 2020, 23, 259-267.	1.8	7
7	Numerical prediction of dynamics of solid particle in lid-driven cavity flow. AIP Conference Proceedings, 2012, , .	0.4	6
8	The Use of Thermal Lattice Boltzmann Numerical Scheme for Particle-Laden Channel Flow with a Cavity. Numerical Heat Transfer; Part A: Applications, 2014, 66, 433-448.	2.1	4
9	Sound pressure level spectrum analysis by combination of 4D PTV and ANFIS method around automotive side-view mirror models. Scientific Reports, 2021, 11, 11155.	3.3	4
10	Lattice Boltzmann model of percutaneous drug absorption. Theoretical and Applied Mechanics Letters, 2019, 9, 1-6.	2.8	3
11	Simulation of Mixed Convection around a Square by Using LBM. Applied Mechanics and Materials, 0, 229-231, 2145-2149.	0.2	2
12	Numerical Investigation of Natural Convection of Nanofluids in L-Shaped Enclosures. Advanced Materials Research, 2013, 849, 391-396.	0.3	2
13	Numerical Prediction of Heat Transfer from Localized Heating in Enclosure Using CIP Method. Applied Mechanics and Materials, 0, 315, 512-516.	0.2	2
14	Shape optimization of flow channels based on lattice Boltzmann method. Journal of Mechanical Science and Technology, 2018, 32, 2619-2627.	1.5	2
15	Numerical Prediction of Heat Transfer from Heated Thin Plate in a Square Cavity by Using LBM. Applied Mechanics and Materials, 0, 315, 531-535.	0.2	1
16	Comments on "Lattice Boltzmann simulation of alumina-water nanofluid in a square cavity" by Yurong He, Cong Qi, Yanwei Hu, Bin Qin, Fengchen Li and Yulong Ding. Nanoscale Research Letters, 2012, 7, 648.	5.7	0
17	Numerical Investigation of 2-D Free Convection of Nanofluid in L-Shaped Enclosure. Applied Mechanics and Materials, 0, 315, 433-437.	0.2	0
18	Visualization of dispersed phase in the carrier phase with lattice Boltzmann method through high- and low-resolution observations. Journal of Visualization, 2020, 23, 377-381.	1.8	0