# Arman Safdari

## List of Publications by Year
## in descending order

| 18 papers | 135 citations | 1478505 6 h-index | 1281871 11 g-index |
|---|---|---|---|
| 18 all docs | 18 docs citations | 18 times ranked | 123 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Lattice Boltzmann model of percutaneous drug absorption. Theoretical and Applied Mechanics Letters, 2019, 9, 1-6. | 2.8 | 3 |
| 5 | Cubic-Interpolated Pseudo-particle model to predict thermal behavior of a nanofluid. Computers and Fluids, 2018, 164, 102-113. | 2.5 | 9 |
| 6 | Shape optimization of flow channels based on lattice Boltzmann method. Journal of Mechanical Science and Technology, 2018, 32, 2619-2627. | 1.5 | 2 |
| 7 | 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 |
| 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 | 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 |
| 10 | 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 |
| 11 | 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 |
| 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 dynamics of solid particle in lid-driven cavity flow. AIP Conference Proceedings, 2012, , . | 0.4 | 6 |
| 14 | 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 |
| 15 | Simulation of Mixed Convection around a Square by Using LBM. Applied Mechanics and Materials, 0, 229-231, 2145-2149. | 0.2 | 2 |
| 16 | Numerical Investigation of 2-D Free Convection of Nanofluid in L-Shaped Enclosure. Applied Mechanics and Materials, 0, 315, 433-437. | 0.2 | 0 |
| 17 | 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 |
| 18 | Numerical Prediction of Heat Transfer from Localized Heating in Enclosure Using CIP Method. Applied Mechanics and Materials, 0, 315, 512-516. | 0.2 | 2 |