

# Saeed Jafari

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

167  
citations

1684188

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h-index

1281871

11  
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12  
all docs

12  
docs citations

12  
times ranked

192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study the effect of different operation parameters on the reaction shaft performance of a copper flash smelting furnace: Mass and energy balance analysis. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2023, 237, 182-195.	2.5	0
2	Investigation of double-diffusive mixed convection effect on the particles dissolution in the shear flow using coupled SPM&LBM. Journal of Thermal Analysis and Calorimetry, 2021, 144, 2497-2514.	3.6	4
3	The Effect of Morphological and Topological Characteristics on Effective Diffusivity and Permeability of Dual-Structural-Scale Synthetic Porous Medium. Transport in Porous Media, 2021, 136, 657-676.	2.6	2
4	On the Evaluation of Interfacial Tension (IFT) of CO <sub>2</sub> &Paraffin System for Enhanced Oil Recovery Process: Comparison of Empirical Correlations, Soft Computing Approaches, and Parachor Model. Energies, 2021, 14, 3045.	3.1	23
5	Non-circular particle treatment in smoothed profile method: a case study of elliptical particles sedimentation using lattice Boltzmann method. Journal of Dispersion Science and Technology, 2020, 41, 315-329.	2.4	3
6	Evaluation of force term in lattice Boltzmann method with discrete external boundary force for flow over an immersed body. Particulate Science and Technology, 2020, 38, 535-548.	2.1	1
7	Integrating thermal&concentration smoothed profile with lattice Boltzmann methods for simulating sedimentation of nonisothermal circular particles. International Journal for Numerical Methods in Fluids, 2020, 92, 55-78.	1.6	1
8	Estimation of NMR Total and Free Fluid Porosity from Seismic Attributes Using Intelligent Systems: A Case Study from an Iranian Carbonate Gas Reservoir. Arabian Journal for Science and Engineering, 2017, 42, 315-326.	3.0	8
9	Particle Tracking in Large Eddy Simulated Turbulent Channel Flow Using Generalized Lattice Boltzmann Method. Particulate Science and Technology, 2014, 32, 404-411.	2.1	1
10	Investigating the Applicability of Combined Lattice Boltzmann-Smoothed Profile Methods in Particulate Systems. Particulate Science and Technology, 2013, 31, 643-652.	2.1	6
11	Lattice-Boltzmann method combined with smoothed-profile method for particulate suspensions. Physical Review E, 2011, 83, 026702.	2.1	96
12	Shear&Improved Smagorinsky modeling of turbulent channel flow using generalized Lattice Boltzmann equation. International Journal for Numerical Methods in Fluids, 2011, 67, 700-712.	1.6	22