

Alireza Jalali

List of Publications by Year in descending order

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9
papers

134
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1937685

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1588992

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9
docs citations

9
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical simulation of indirect freezing desalination using lattice Boltzmann method. Physics of Fluids, 2022, 34, .	4.0	2
2	An artificial neural network-based optimization of reverse electrodialysis power generating cells using CFD and genetic algorithm. International Journal of Energy Research, 2022, 46, 21217-21233.	4.5	3
3	An hp-adaptive unstructured finite volume solver for compressible flows. International Journal for Numerical Methods in Fluids, 2017, 85, 563-582.	1.6	4
4	Higher-order unstructured finite volume RANS solution of turbulent compressible flows. Computers and Fluids, 2017, 143, 32-47.	2.5	26
5	An efficient implicit unstructured finite volume solver for generalised Newtonian fluids. International Journal of Computational Fluid Dynamics, 2016, 30, 201-217.	1.2	4
6	Smoothed truncation error in functional error estimation and correction using adjoint methods in an unstructured finite volume solver. Computers and Fluids, 2016, 140, 406-421.	2.5	8
7	Accuracy analysis of unstructured finite volume discretization schemes for diffusive fluxes. Computers and Fluids, 2014, 101, 220-232.	2.5	69
8	A Newton-Krylov finite volume algorithm for the power-law non-Newtonian fluid flow using pseudo-compressibility technique. Journal of Non-Newtonian Fluid Mechanics, 2011, 166, 1158-1172.	2.4	16
9	A Newton-Krylov Type Algorithm for an Incompressible Navier-Stokes Solver Using Pseudo Compressibility Technique. , 2010, , .		2