

Don Liu

List of Publications by Year in descending order

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12
papers

96
citations

1684188

5
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	Large Eddy Simulation of Unidirectional and Wave Flows through Vegetation. Journal of Engineering Mechanics - ASCE, 2016, 142, .	2.9	28
2	Operator compact method of accuracy two in time and four in space for the solution of time dependent Burgers-Huxley equation. Numerical Algorithms, 2015, 70, 591-605.	1.9	22
3	Spectral element modeling of sediment transport in shear flows. Computer Methods in Applied Mechanics and Engineering, 2011, 200, 1691-1707.	6.6	15
4	Joint Simulations of Confined Diffusion Inside Nanotubes. Journal of Computational and Theoretical Nanoscience, 2011, 8, 168-178.	0.4	9
5	Simulation of flow around rigid vegetation stems with a fast method of high accuracy. Journal of Fluids and Structures, 2016, 63, 1-15.	3.4	6
6	A Sixth Order Accuracy Solution to a System of Nonlinear Differential Equations with Coupled Compact Method. Journal of Computational Engineering, 2013, 2013, 1-10.	0.8	5
7	Spectral element simulations of three dimensional convective heat transfer. International Journal of Heat and Mass Transfer, 2017, 111, 1023-1038.	4.8	5
8	High-Order Compact Implicit Difference Methods For Parabolic Equations in Geodynamo Simulation. Advances in Mathematical Physics, 2009, 2009, 1-23.	0.8	3
9	Modal Spectral Element Solutions to Incompressible Flows over Particles of Complex Shape. Journal of Computational Engineering, 2014, 2014, 1-11.	0.8	2
10	Spectral Element Simulation of Complex Particulate Flows. Applied Mechanics and Materials, 2013, 404, 318-323.	0.2	1
11	Spectral element simulations of interactive particles in a fluid. Computers and Mathematics With Applications, 2019, 77, 2029-2050.	2.7	0
12	On Magnetohydrodynamic Unsteady Flows with Induced Field Over A Stretching Surface. Technological Engineering, 2018, 15, 44-42.	0.3	0