

Xin Kai Li

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

186
citations

1163117

8
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	A RBF-based differential quadrature method for solving two-dimensional variable-order time fractional advection-diffusion equation. <i>Journal of Computational Physics</i> , 2019, 384, 222-238.	3.8	33
2	Non-Newtonian effects on lubricant thin film flows. <i>Journal of Engineering Mathematics</i> , 2005, 51, 1-13.	1.2	27
3	Experimental and Numerical Analysis of the Effect of Vortex Generator Height on Vortex Characteristics and Airfoil Aerodynamic Performance. <i>Energies</i> , 2019, 12, 959.	3.1	25
4	On non-Newtonian lubrication with the upper convected Maxwell model. <i>Applied Mathematical Modelling</i> , 2011, 35, 2309-2323.	4.2	23
5	Non-Newtonian lubrication with the Phan-Thien-Tanner model. <i>Journal of Engineering Mathematics</i> , 2014, 87, 1-17.	1.2	17
6	Positivity-Preserving Runge-Kutta Discontinuous Galerkin Method on Adaptive Cartesian Grid for Strong Moving Shock. <i>Numerical Mathematics</i> , 2016, 9, 87-110.	1.3	13
7	A new immersed boundary method for compressible Navier-Stokes equations. <i>International Journal of Computational Fluid Dynamics</i> , 2013, 27, 151-163.	1.2	10
8	Perturbation Solution of Non-Newtonian Lubrication With the Convected Maxwell Model. <i>Journal of Tribology</i> , 2005, 127, 302-305.	1.9	9
9	Effect of Tailing-Edge Thickness on Aerodynamic Noise for Wind Turbine Airfoil. <i>Energies</i> , 2019, 12, 270.	3.1	9
10	Spectral element method for viscoelastic flows in a planar contraction channel. <i>International Journal for Numerical Methods in Fluids</i> , 2003, 42, 323-348.	1.6	6
11	Numerical Simulation of Oldroyd-B Fluid in a Contraction Channel. <i>Journal of Supercomputing</i> , 2002, 22, 29-43.	3.6	4
12	Non-Newtonian effects on lubricant thin-film flows. <i>Central South University</i> , 2007, 14, 68-72.	0.5	4
13	The Chebyshev spectral element approximation with exact quadratures. <i>Journal of Computational and Applied Mathematics</i> , 2016, 296, 320-333.	2.0	4
14	Coherent structures and flow topology of transitional separated-reattached flow over two and three dimensional geometrical shapes. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	2
15	Smooth interfaces for spectral element method for the solution of incompressible Newtonian fluid flow. <i>Journal of Supercomputing</i> , 2009, 48, 319-331.	3.6	0