Moli Zhao

List of Publications by Year
in descending order

17 papers	184 citations	1307594 7 h-index	1058476 14 g-index
17 all docs	17 docs citations	17 times ranked	158 citing authors

#	Article	IF	Citations
1	Transient electro-osmotic flow of Oldroyd-B fluids in a straight pipe of circular cross section. Journal of Non-Newtonian Fluid Mechanics, 2013, 201, 135-139.	2.4	68
2	Darcyâ€"Brinkman bio-thermal convection in a suspension of gyrotactic microorganisms in a porous medium. Neural Computing and Applications, 2019, 31, 1061-1067.	5.6	20
3	Analytical study of oscillatory flow of Maxwell fluid through a rectangular tube. Physics of Fluids, 2019, 31, .	4.0	15
4	Viscoelastic flow in a curved duct withÂrectangularÂcross section overÂaÂwideÂrangeÂofÂDean number. Physics of Fluids, 2021, 33, 033101.	4.0	13
5	Exact Solutions of Electro-Osmotic Flow of Generalized Second-Grade Fluid with Fractional Derivative in a Straight Pipe of Circular Cross Section. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2014, 69, 697-704.	1.5	12
6	Oscillatory flow of Maxwell fluid in a tube of isosceles right triangular cross section. Physics of Fluids, 2019, 31, .	4.0	11
7	Effect of Slip Velocity on the Rotating Electro-Osmotic Flow of the Power-Law Fluid in a Slowly Varying Microchannel. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2018, 73, 825-831.	1.5	10
8	Numerical solution of oscillatory flow of Maxwell fluid in a rectangular straight duct. Applied Mathematics and Mechanics (English Edition), 2019, 40, 1647-1656.	3.6	7
9	Electroosmotic flow of Maxwell fluid in a microchannel of isosceles right triangular cross section. Physics of Fluids, 2021, 33, .	4.0	7
10	Numerical study on the rotating electro-osmotic flow of third grade fluid with slip boundary condition. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2020, 75, 649-655.	1.5	6
11	Instabilities of buoyancy-induced flow along vertical cylinder in thermally stratified medium. Physics of Fluids, 2022, 34, 044109.	4.0	4
12	The Onset of Double-Diffusive Convection in a Two-Layer System With a Viscoelastic Fluid-Saturated Porous Medium Under High-Frequency Vibration. Journal of Heat Transfer, 2021, 143, .	2.1	3
13	Two methods to solve a fractional single phase moving boundary problem. Open Physics, 2013, 11, .	1.7	2
14	Linear stability of oneâ€dimensional nonâ€Darcy flow in broken rocks. International Journal for Numerical and Analytical Methods in Geomechanics, 2015, 39, 1063-1072.	3.3	2
15	Investigation on Coupled Fluid-Flow and Stress in Dual Model Rock Mass with Time-Dependent Effect and Its Simulation. Geosciences (Switzerland), 2017, 7, 45.	2.2	2
16	Dynamic response of Maxwell fluid in an elastic cylindrical tube. Physics of Fluids, 2022, 34, .	4.0	2
17	Analytical and numerical study for oscillatory flow of viscoelastic fluid in a tube with isosceles right triangular cross section. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2021, .	1.5	0