Yanhai Lin

List of Publications by Year
in descending order

19 papers	956 citations	759233 12 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	544 citing authors

#	Article	IF	Citations
1	MHD pseudo-plastic nanofluid unsteady flow and heat transfer in a finite thin film over stretching surface with internal heat generation. International Journal of Heat and Mass Transfer, 2015, 84, 903-911.	4.8	208
2	Radiation effects on Marangoni convection flow and heat transfer in pseudo-plastic non-Newtonian nanofluids with variable thermal conductivity. International Journal of Heat and Mass Transfer, 2014, 77, 708-716.	4.8	176
3	Unsteady flow and heat transfer of pseudo-plastic nanoliquid in a finite thin film on a stretching surface with variable thermal conductivity and viscous dissipation. Powder Technology, 2015, 274, 324-332.	4.2	116
4	Particle shape and radiation effects on Marangoni boundary layer flow and heat transfer of copper-water nanofluid driven by an exponential temperature. Powder Technology, 2016, 301, 379-386.	4.2	100
5	Marangoni boundary layer flow and heat transfer of copper-water nanofluid over a porous medium disk. AIP Advances, 2015, 5, .	1.3	53
6	Effects of Brownian motion and thermophoresis on nanofluids in a rotating circular groove: A numerical simulation. International Journal of Heat and Mass Transfer, 2018, 123, 569-582.	4.8	51
7	Magnetohydrodynamics Thermocapillary Marangoni Convection Heat Transfer of Power-Law Fluids Driven by Temperature Gradient. Journal of Heat Transfer, 2013, 135, .	2.1	48
8	Marangoni convection of power law fluids driven by power-law temperature gradient. Journal of the Franklin Institute, 2012, 349, 2585-2597.	3.4	45
9	Marangoni abnormal convection heat transfer of power-law fluid driven by temperature gradient in porous medium with heat generation. International Journal of Heat and Mass Transfer, 2016, 92, 700-707.	4.8	42
10	MHD Marangoni boundary layer flow and heat transfer of pseudo-plastic nanofluids over a porous medium with a modified model. Mechanics of Time-Dependent Materials, 2015, 19, 519-536.	4.4	30
11	Effects of non-Newtonian behaviour on the thermal performance of nanofluids in a horizontal channel with discrete regions of heating and cooling. Applied Thermal Engineering, 2016, 94, 404-412.	6.0	27
12	Heat transfer characteristics of thin power-law liquid films over horizontal stretching sheet with internal heating and variable thermal coefficient. Applied Mathematics and Mechanics (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 29		
13	Marangoni Convection Heat and Mass Transport of Power-Law Fluid in Porous Medium with Heat Generation and Chemical Reaction. Heat Transfer Engineering, 2017, 38, 641-652.	1.9	12
14	The effects of radiation on heat and mass transfer of magnetohydrodynamic Marangoni flow in the boundary layer over a disk. Korean Journal of Chemical Engineering, 2020, 37, 37-45.	2.7	8
15	Effects of nanoparticle migration on non-Newtonian nanofluids in a channel with multiple heating and cooling regions. International Journal of Heat and Mass Transfer, 2017, 107, 836-845.	4.8	7
16	Flow and heat transfer of non-Newtonian power-law fluids over a stretching surface with variable thermal conductivity. Multidiscipline Modeling in Materials and Structures, 2019, 15, 686-698.	1.3	6
17	Marangoni flow and mass transfer of power-law non-Newtonian fluids over a disk with suction and injection. Communications in Theoretical Physics, 2020, 72, 095003.	2.5	6
18	Finite element simulation for multiphase fluids with different densities using an energy-law-preserving method. Engineering Applications of Computational Fluid Mechanics, 2020, 14, 642-654.	3.1	3

#	Article	IF	Citations
19	Energy law preserving continuous finite element schemes for a gas metal arc welding system. Communications in Theoretical Physics, 2021, 73, 025004.	2.5	1