Dr Mudassar Jalil

List of Publications by Year
in descending order

17 papers	479 citations	933447 10 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	350 citing authors

#	Article	IF	Citations
1	Self similar solutions for the flow and heat transfer of Powell-Eyring fluid over a moving surface in a parallel free stream. International Journal of Heat and Mass Transfer, 2013, 65, 73-79.	4.8	98
2	Flow of viscous fluid along a nonlinearly stretching curved surface. Results in Physics, 2017, 7, 1-4.	4.1	81
3	Flow of viscous fluid along an exponentially stretching curved surface. Results in Physics, 2017, 7, 2851-2854.	4.1	62
4	Lie group analysis of flow and heat transfer over a stretching rotating disk. International Journal of Heat and Mass Transfer, 2014, 69, 140-146.	4.8	52
5	Flow of power-law fluid over a stretching surface: A Lie group analysis. International Journal of Non-Linear Mechanics, 2013, 48, 65-71.	2.6	47
6	An Exact Solution of MHD Boundary Layer Flow of Dusty Fluid over a Stretching Surface. Mathematical Problems in Engineering, 2017, 2017, 1-5.	1.1	38
7	Analytical solutions of the boundary layer flow of power-law fluid over a power-law stretching surface. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 1143-1150.	3.3	26
8	Flow and Heat Transfer of Powellâ€"Eyring Fluid Over a Stretching Surface: A Lie Group Analysis. Journal of Fluids Engineering, Transactions of the ASME, 2013, 135, .	1.5	23
9	Lie Group Analysis of Mixed Convection Flow with Mass Transfer over a Stretching Surface with Suction or Injection. Mathematical Problems in Engineering, 2010, 2010, 1-14.	1.1	21
10	Numerical analysis of Williamson fluid flow along an exponentially stretching cylinder. AIP Advances, 2019, 9, .	1.3	16
11	Numerical analysis of suction and blowing effect on boundary layer slip flow of Casson fluid along with permeable exponentially stretching cylinder. AIP Advances, 2021, 11, .	1.3	5
12	Numerical analysis for the effects of boundary layer flow over an exponentially stretching cylinder embedded in a porous medium moving with nonlinear velocity. AIP Advances, 2021, 11, .	1.3	4
13	Similarity solution for flow over an unsteady nonlinearly stretching rotating disk. AIP Advances, 2015, 5, 047113.	1.3	3
14	A Smart Card Oriented Secure Electronic Voting Machine Built on NTRU. International Arab Journal of Information Technology, 2020, 17, 386-393.	0.7	2
15	Comments on "Lie group analysis of natural convection heat and mass transfer in an inclined surface". Nonlinear Analysis: Modelling and Control, 2010, 15, 435-436.	1.6	1
16	A General Approximate Solution for Stretching Problems in Viscous Fluid. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2015, 70, 781-786.	1.5	0
17	Mixed convection flow of a nanofluid past a non-linearly stretching wall. Thermal Science, 2018, 22, 567-575.	1.1	0