Nadeem Abbas

List of Publications by Year
in descending order

40 papers	2,256 citations	236925 25 h-index	302126 39 g-index
41 all docs	41 docs citations	41 times ranked	913 citing authors

#	Article	IF	Citations
1	Numerical analysis of unsteady magnetized micropolar fluid flow over a curved surface. Journal of Thermal Analysis and Calorimetry, 2022, 147, 6449-6459.	3.6	39
2	Heat Transfer of Hybrid Nanomaterials Base Maxwell Micropolar Fluid Flow over an Exponentially Stretching Surface. Nanomaterials, 2022, 12, 1207.	4.1	43
3	Numerical study of heat transfer in hybrid nanofluid flow over permeable nonlinear stretching curved surface with thermal slip. International Communications in Heat and Mass Transfer, 2022, 135, 106107.	5.6	51
4	Theoretical study of non-Newtonian micropolar nanofluid flow over an exponentially stretching surface with free stream velocity. Advances in Mechanical Engineering, 2022, 14, 168781322211077.	1.6	20
5	Thermal analysis of Casson micropolar nanofluid flow over a permeable curved stretching surface under the stagnation region. Journal of Thermal Analysis and Calorimetry, 2021, 143, 2485-2497.	3.6	49
6	Models base study of inclined MHD of hybrid nanofluid flow over nonlinear stretching cylinder. Chinese Journal of Physics, 2021, 69, 109-117.	3.9	155
7	Transportation of modified nanofluid flow with time dependent viscosity over a Riga plate: Exponentially stretching. Ain Shams Engineering Journal, 2021, 12, 3967-3973.	6.1	37
8	Combined Effects of Binary Chemical Reaction/Activation Energy on the Flow of Sisko Fluid over a Curved Surface. Crystals, 2021, 11, 967.	2.2	9
9	Casson nanoliquid flow with Cattaneo-Christov flux analysis over a curved stretching/shrinking channel. Case Studies in Thermal Engineering, 2021, 27, 101146.	5.7	35
10	Theoretical analysis of Brownian and thermophoresis motion effects for Newtonian fluid flow over nonlinear stretching cylinder. Case Studies in Thermal Engineering, 2021, 28, 101369.	5.7	14
11	Stability analysis of triple solutions of Casson nanofluid past on a vertical exponentially stretching/shrinking sheet. Advances in Mechanical Engineering, 2021, 13, 168781402110596.	1.6	32
12	Stagnation flow of hybrid nanoparticles with MHD and slip effects. Heat Transfer - Asian Research, 2020, 49, 180-196.	2.8	27
13	Computational analysis of water based Cu-Al_2O_3/H_2O flow over a vertical wedge. Advances in Mechanical Engineering, 2020, 12, 168781402096832.	1.6	31
14	Theoretical study of unsteady oblique stagnation point based Jeffrey nanofluid flow over an oscillatory stretching sheet. Advances in Mechanical Engineering, 2020, 12, 168781402097188.	1.6	33
15	On the stagnation point flow of nanomaterial with base viscoelastic micropolar fluid over a stretching surface. AEJ - Alexandria Engineering Journal, 2020, 59, 1751-1760.	6.4	18
16	Inspection of hybrid based nanofluid flow over a curved surface. Computer Methods and Programs in Biomedicine, 2020, 189, 105193.	4.7	148
17	Theoretical study of micropolar hybrid nanofluid over Riga channel with slip conditions. Physica A: Statistical Mechanics and Its Applications, 2020, 551, 124083.	2.6	68
18	Numerical study of 3D rotating hybrid SWCNT–MWCNT flow over a convectively heated stretching surface with heat generation/absorption. Physica Scripta, 2019, 94, 075202.	2.5	38

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19	Analysis of Ag/blood-mediated transport in curved annulus with exclusive nature of convective boundary. Physica Scripta, 2019, 94, 115011.	2.5	12
20	MHD stagnation point flow of viscous nanofluid over a curved surface. Physica Scripta, 2019, 94, 115207.	2.5	84
21	MHD oblique stagnation point flow of nanofluid over an oscillatory stretching/shrinking sheet: existence of dual solutions. Physica Scripta, 2019, 94, 075204.	2.5	81
22	Impact of an oblique stagnation point on MHD micropolar nanomaterial in porous medium over an oscillatory surface with partial slip. Physica Scripta, 2019, 94, 065209.	2.5	13
23	Buongiorno's Nanofluid Model over a Curved Exponentially Stretching Surface. Processes, 2019, 7, 665.	2.8	34
24	On stagnation point flow of a micro polar nanofluid past a circular cylinder with velocity and thermal slip. Results in Physics, 2018, 9, 1224-1232.	4.1	88
25	Characteristics of three dimensional stagnation point flow of Hybrid nanofluid past a circular cylinder. Results in Physics, 2018, 8, 829-835.	4.1	101
26	Convective Heat and Mass Transfer in Magneto Jeffrey Fluid Flow on a Rotating Cone with Heat Source and Chemical Reaction. Communications in Theoretical Physics, 2018, 70, 534.	2.5	45
27	Rotating flow of Ag-CuO/H2O hybrid nanofluid with radiation and partial slip boundary effects. European Physical Journal E, 2018, 41, 75.	1.6	158
28	Flow and heat transfer analysis of Jeffery nano fluid impinging obliquely over a stretched plate. Journal of the Taiwan Institute of Chemical Engineers, 2017, 74, 49-58.	5.3	87
29	Heat transfer analysis for three-dimensional stagnation-point flow over an exponentially stretching surface. Chinese Journal of Physics, 2017, 55, 1552-1560.	3.9	53
30	Stimulation of metallic nanoparticles under the impact of radial magnetic field through eccentric cylinders: A useful application in biomedicine. Journal of Molecular Liquids, 2017, 225, 365-381.	4.9	25
31	Inspiration of induced magnetic field on nano hyperbolic tangent fluid in a curved channel. AIP Advances, 2016, 6, .	1.3	37
32	A comparative analysis on different nanofluid models for the oscillatory stagnation point flow. European Physical Journal Plus, 2016, 131, 1.	2.6	42
33	Phase flow study of MHD nanofluid with slip effects on oscillatory oblique stagnation point flow in view of inclined magnetic field. Journal of Molecular Liquids, 2016, 224, 1210-1219.	4.9	34
34	Buoyancy and Radiation Effect on Stagnation Point Flow of Micropolar Nanofluid Along a Vertically Convective Stretching Surface. IEEE Nanotechnology Magazine, 2015, 14, 42-50.	2.0	63
35	Investigation of peristaltic flow of Williamson nanofluid in a curved channel with compliant walls. Applied Nanoscience (Switzerland), 2014, 4, 511-521.	3.1	40
36	Optimized analytical solution for oblique flow of a Casson-nano fluid with convective boundary conditions. International Journal of Thermal Sciences, 2014, 78, 90-100.	4.9	121

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37	Radiation effects on MHD stagnation point flow of nano fluid towards a stretching surface with convective boundary condition. Chinese Journal of Aeronautics, 2013, 26, 1389-1397.	5.3	149
38	Non-orthogonal stagnation point flow of a nano non-Newtonian fluid towards a stretching surface with heat transfer. International Journal of Heat and Mass Transfer, 2013, 57, 679-689.	4.8	105
39	Peristaltic flow of a Sisko fluid in an endoscope: analytical and numerical solutions. International Journal of Computer Mathematics, 2011, 88, 1013-1023.	1.8	16
40	Inspections of unsteady micropolar nanofluid model over exponentially stretching curved surface with chemical reaction. Waves in Random and Complex Media, 0, , 1-22.	2.7	19