Ioan Pop

List of Publications by Year in descending order

645 papers	27,254 citations	7096 78 h-index	16183 124 g-index
650 all docs	650 docs citations	650 times ranked	5295 citing authors

#	Article	IF	Citations
1	Melting heat transfer in hybrid nanofluid flow along a moving surface. Journal of Thermal Analysis and Calorimetry, 2022, 147, 567-578.	3.6	33
2	Free convective heat transfer efficiency in Al₂O₃â€“Cu/water hybrid nanofluid inside a rectotrapezoidal enclosure. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 196-218.	2.8	9
3	Entropy generation of a nanofluid in a porous cavity with sinusoidal temperature at the walls and a heat source bellow. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 23-40.	2.8	1
4	Three-dimensional flow of radiative hybrid nanofluid past a permeable stretching/shrinking sheet with homogeneous-heterogeneous reaction. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 568-588.	2.8	13
5	Mixed convection flow of a hybrid nanofluid past a vertical wedge with thermal radiation effect. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 806-824.	2.8	5
6	Stagnation point flow toward an exponentially shrinking sheet in a hybrid nanofluid. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 1012-1024.	2.8	10
7	Flow and heat transfer over a permeable moving wedge in a hybrid nanofluid with activation energy and binary chemical reaction. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 1686-1705.	2.8	17
8	Magnetohydrodynamics (MHD) boundary layer flow of hybrid nanofluid over a moving plate with Joule heating. AEJ - Alexandria Engineering Journal, 2022, 61, 1938-1945.	6.4	73
9	MHD stagnation point flow on a shrinking surface with hybrid nanoparticles and melting phenomenon effects. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 1728-1741.	2.8	6
10	MHD hybrid nanofluid flow with convective heat transfer over a permeable stretching/shrinking surface with radiation. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 1706-1727.	2.8	15
11	MHD mixed convection flow of a hybrid nanofluid past a permeable vertical flat plate with thermal radiation effect. AEJ - Alexandria Engineering Journal, 2022, 61, 3323-3333.	6.4	39
12	Jets. , 2022, , 255-276.		0
13	Micropolar fluids over the moving surface. , 2022, , 225-253.		0
14	Nanofluids. , 2022, , 87-112.		0
15	Stretching/shrinking sheets near a stagnation-point flow in viscous fluids. , 2022, , 49-86.		0
16	Viscous fluids. , 2022, , 23-48.		2
17	Stretching/shrinking sheets in nanofluids and hybrid nanofluids. , 2022, , 113-162.		0
18	Mixed convection stagnation-point flow of Cross fluid over a shrinking sheet with suction and thermal radiation. Physica A: Statistical Mechanics and Its Applications, 2022, 585, 126398.	2.6	25

#	Article	IF	Citations
19	Mixed convection flow in porous medium. , 2022, , 163-203.		0
20	Stagnation point flow of a micropolar fluid filled with hybrid nanoparticles by considering various base fluids and nanoparticle shape factors. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 2320-2344.	2.8	15
21	Threeâ€dimensional tilted hydromagnetic natural doubleâ€diffusive convection in a rectangular cuboid filled with nanofluids based on magnetic nanoparticles. Heat Transfer, 2022, 51, 1275-1305.	3.0	0
22	Radiative and magnetohydrodynamic micropolar hybrid nanofluid flow over a shrinking sheet with Joule heating and viscous dissipation effects. Neural Computing and Applications, 2022, 34, 3783-3794.	5.6	32
23	Symmetrical solutions of hybrid nanofluid stagnation-point flow in a porous medium. International Communications in Heat and Mass Transfer, 2022, 130, 105804.	5.6	26
24	Thermal radiation on mixed convection heat and mass transfer over a vertical permeable stretching/shrinking sheet with Soret and Dufour effects. Journal of Engineering Mathematics, 2022, 132, 1.	1.2	5
25	Dusty ferrofluid transport phenomena towards a non-isothermal moving surface with viscous dissipation. Chinese Journal of Physics, 2022, 75, 139-151.	3.9	9
26	Radiative mixed convective flow induced by hybrid nanofluid over a porous vertical cylinder in a porous media with irregular heat sink/source. Case Studies in Thermal Engineering, 2022, 30, 101711.	5.7	45
27	Numerical Simulation of Solid and Porous Finsâ€™ Impact on Heat Transfer Performance in a Differentially Heated Chamber. Mathematics, 2022, 10, 263.	2.2	9
28	Unsteady magnetohydrodynamic stagnation point flow of a nanofluid past a permeable shrinking sheet. Chinese Journal of Physics, 2022, 75, 109-119.	3.9	9
29	Radiative heat transfer of Reinerâ€“Philippoff fluid flow past a nonlinearly shrinking sheet: Dual solutions and stability analysis. Chinese Journal of Physics, 2022, 77, 45-56.	3.9	10
30	MHD flow of a nanofluid due to a nonlinear stretching/shrinking sheet with a convective boundary condition: Tiwariâ€“Das nanofluid model. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 3233-3258.	2.8	14
31	Heat and mass transfer of a hybrid nanofluid flow with binary chemical reaction over a permeable shrinking surface. Chinese Journal of Physics, 2022, 76, 283-298.	3.9	17
32	Magnetohydrodynamic and viscous dissipation effects on radiative heat transfer of non-Newtonian fluid flow past a nonlinearly shrinking sheet: Reinerâ€“Philippoff model. AEJ - Alexandria Engineering Journal, 2022, 61, 7605-7617.	6.4	33
33	Thermophoresis particle deposition of CoFe₂O₄-TiO₂hybrid nanoparticles on micropolar flow through a moving flat plate with viscous dissipation effects. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 3259-3282.	2.8	19
34	Rotating Flow in a Nanofluid with CNT Nanoparticles over a Stretching/Shrinking Surface. Mathematics, 2022, 10, 7.	2.2	16
35	The Impact of Thermal Radiation on Maxwell Hybrid Nanofluids in the Stagnation Region. Nanomaterials, 2022, 12, 1109.	4.1	10
36	Magnetohydrodynamics unsteady separated stagnationâ€point (USSP) flow of a hybrid nanofluid on a moving plate. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2022, 102, .	1.6	3

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37	Insight into threeâ€dimensional flow of three different dynamics of nanofluids subject to thermal radiation: The case of waterâ€“cobalt ferrite, waterâ€“manganeseâ€“zinc ferrite, and waterâ€“magnetite. Heat Transfer, 2022, 51, 4434-4450.	3.0	9
38	Numerical Results on Slip Effect over an Exponentially Stretching/Shrinking Cylinder. Mathematics, 2022, 10, 1114.	2.2	7
39	MHD Mixed Convection Hybrid Nanofluids Flow over a Permeable Moving Inclined Flat Plate in the Presence of Thermophoretic and Radiative Heat Flux Effects. Mathematics, 2022, 10, 1164.	2.2	13
40	Mixed bioconvection stagnation point flow towards a vertical plate in alumina-copper/water. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 3413-3438.	2.8	3
41	Unsteady MHD hybrid nanofluid flow towards a horizontal cylinder. International Communications in Heat and Mass Transfer, 2022, 134, 106020.	5.6	29
42	Unsteady MHD mixed convection flow of a hybrid nanofluid with thermal radiation and convective boundary condition. Chinese Journal of Physics, 2022, 77, 378-392.	3.9	22
43	Thermal progress of a non-Newtonian hybrid nanofluid flow on a permeable Riga plate with temporal stability analysis. Chinese Journal of Physics, 2022, 77, 279-290.	3.9	16
44	Aqua Cobalt Ferrite/Mnâ€“Zn Ferrite Hybrid Nanofluid Flow Over a Nonlinearly Stretching Permeable Sheet in a Porous Medium. Journal of Nanofluids, 2022, 11, 383-391.	2.7	14
45	Multiple solutions of the unsteady hybrid nanofluid flow over a rotating disk with stability analysis. European Journal of Mechanics, B/Fluids, 2022, 94, 121-127.	2.5	31
46	Flow and heat transfer of MHD dusty hybrid nanofluids over a shrinking sheet. Chinese Journal of Physics, 2022, 77, 1342-1356.	3.9	23
47	Thermogravitational Convective Flow and Energy Transport in an Electronic Cabinet with a Heat-Generating Element and Solid/Porous Finned Heat Sink. Mathematics, 2022, 10, 34.	2.2	2
48	Unsteady stagnation point flow past a permeable stretching/shrinking Riga plate in Al₂O₃-Cu/H₂O hybrid nanofluid with thermal radiation. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 2640-2658.	2.8	14
49	Blasius Flow over a Permeable Moving Flat Plate Containing Cu-Al2O3 Hybrid Nanoparticles with Viscous Dissipation and Radiative Heat Transfer. Mathematics, 2022, 10, 1281.	2.2	4
50	Steady Flow of Burgersâ€™ Nanofluids over a Permeable Stretching/Shrinking Surface with Heat Source/Sink. Mathematics, 2022, 10, 1580.	2.2	2
51	Effects of Magnetic Fields, Coupled Stefan Blowing and Thermodiffusion on Ferrofluid Transport Phenomena. Mathematics, 2022, 10, 1646.	2.2	7
52	Unsteady Magnetohydrodynamics (MHD) Flow of Hybrid Ferrofluid Due to a Rotating Disk. Mathematics, 2022, 10, 1658.	2.2	20
53	Unsteady mixed convective stagnation point flow of hybrid nanofluid in porous medium. Neural Computing and Applications, 2022, 34, 14699-14715.	5.6	4
54	MHD boundary layer flow of couple-stress fluid over a bidirectional moving surface with non-Fourier heat flux. Journal of Interdisciplinary Mathematics, 2022, 25, 1551-1569.	0.7	3

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55	Three-Dimensional Stretching/Shrinking Flow of Hybrid Nanofluid with Slips and Joule Heating. Journal of Thermophysics and Heat Transfer, 2022, 36, 848-857.	1.6	4
56	Hybrid nanofluid stagnation point flow past a slip shrinking Riga plate. Chinese Journal of Physics, 2022, 78, 180-193.	3.9	14
57	Unsteady micropolar hybrid nanofluid flow past a permeable stretching/shrinking vertical plate. AEJ - Alexandria Engineering Journal, 2022, 61, 11337-11349.	6.4	18
58	Stability Analysis of Unsteady Hybrid Nanofluid Flow over the Falkner-Skan Wedge. Nanomaterials, 2022, 12, 1771.	4.1	7
59	Unsteady Separated Stagnation-Point Flow Past a Moving Plate with Suction Effect in Hybrid Nanofluid. Mathematics, 2022, 10, 1933.	2.2	2
60	MHD stagnation-point flow of hybrid nanofluid with convective heated shrinking disk, viscous dissipation and Joule heating effects. Neural Computing and Applications, 2022, 34, 17601-17613.	5.6	12
61	Unsteady axisymmetric radiative Cu-Al2O3/H2O flow over a radially stretching/shrinking surface. Chinese Journal of Physics, 2022, 78, 169-179.	3.9	6
62	Inspection of TiO2-CoFe2O4 nanoparticles on MHD flow toward a shrinking cylinder with radiative heat transfer. Journal of Molecular Liquids, 2022, 361, 119615.	4.9	33
63	Magnetic Impact on the Unsteady Separated Stagnation-Point Flow of Hybrid Nanofluid with Viscous Dissipation and Joule Heating. Mathematics, 2022, 10, 2356.	2.2	23
64	MHD flow and heat transfer of a hybrid nanofluid past a nonlinear surface stretching/shrinking with effects of thermal radiation and suction. Chinese Journal of Physics, 2022, 79, 13-27.	3.9	32
65	Analytical investigation of transient free convection and heat transfer of a hybrid nanofluid between two vertical parallel plates. Physics of Fluids, 2022, 34, .	4.0	8
66	MHD stagnation-point flow of nanofluid due to a shrinking sheet with melting, viscous dissipation and Joule heating effects. AEJ - Alexandria Engineering Journal, 2022, 61, 12661-12672.	6.4	32
67	Darcyâ€“Boussinesq convective flow in a trapezoidal enclosure with thermal stratification. Journal of Thermal Analysis and Calorimetry, 2021, 145, 3325-3337.	3.6	2
68	MHD hybrid nanofluid flow over a permeable stretching/shrinking sheet with thermal radiation effect. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 1014-1031.	2.8	58
69	Hybrid nanofluid flow towards a stagnation point on an exponentially stretching/shrinking vertical sheet with buoyancy effects. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 216-235.	2.8	52
70	MHD flow and heat transfer of hybrid nanofluid over a permeable moving surface in the presence of thermal radiation. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 858-879.	2.8	83
71	Radiative hybrid nanofluid flow past a rotating permeable stretching/shrinking sheet. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 914-932.	2.8	21
72	A new similarity solution with stability analysis for the three-dimensional boundary layer of hybrid nanofluids. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 809-828.	2.8	17

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73	Unsteady mixed convection flow at a three-dimensional stagnation point. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 236-250.	2.8	4
74	Dufour and Soret effects on Al₂O₃-water nanofluid flow over a moving thin needle: Tiwari and Das model. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 766-782.	2.8	37
75	Nonhomogeneous model for conjugate mixed convection of nanofluid and entropy generation in an enclosure in presence of inclined magnetic field with Joule heating. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 418-441.	2.8	4
76	Mixed convection stagnation point flow of a hybrid nanofluid past a vertical flat plate with a second order velocity model. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 75-91.	2.8	16
77	Thermal convection in a chamber filled with a nanosuspension driven by a chemical reaction using Tiwari and Dasâ€™ model. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 452-470.	2.8	8
78	Cross flow and heat transfer past a permeable stretching/shrinking sheet in a hybrid nanofluid. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 1295-1319.	2.8	18
79	Effect of suction on the stagnation point flow of hybrid nanofluid toward a permeable and vertical Riga plate. Heat Transfer, 2021, 50, 1895-1910.	3.0	17
80	Hybrid nanofluid flow on a shrinking cylinder with prescribed surface heat flux. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 1987-2004.	2.8	24
81	Axisymmetric flow of hybrid nanofluid due to a permeable non-linearly stretching/shrinking sheet with radiation effect. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 2330-2346.	2.8	16
82	Heat generation/absorption effect on MHD flow of hybrid nanofluid over bidirectional exponential stretching/shrinking sheet. Chinese Journal of Physics, 2021, 69, 118-133.	3.9	69
83	Stability analysis of MHD hybrid nanofluid flow over a stretching/shrinking sheet with quadratic velocity. AEJ - Alexandria Engineering Journal, 2021, 60, 915-926.	6.4	77
84	Unsteady axisymmetric flow and heat transfer of a hybrid nanofluid over a permeable stretching/shrinking disc. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 2005-2021.	2.8	20
85	Hybrid nanofluid flow through an exponentially stretching/shrinking sheet with mixed convection and Joule heating. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 1930-1950.	2.8	38
86	Melting heat transfer of a hybrid nanofluid flow towards a stagnation point region with second-order slip. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2021, 235, 405-415.	2.5	20
87	Numerical results for the classical free convection flow problem in a square porous cavity using spline functions. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 753-765.	2.8	3
88	Free Convection Heat Transfer and Entropy Generation in an Odd-Shaped Cavity Filled with a Cu-Al2O3 Hybrid Nanofluid. Symmetry, 2021, 13, 122.	2.2	16
89	Mixed convection in a chamber saturated with MWCNT-Fe3O4/water hybrid nanofluid under the upper wall velocity modulation. European Physical Journal Plus, 2021, 136, 1.	2.6	6
90	Two-phase model for mixed convection and flow enhancement of a nanofluid in an inclined channel patterned with heated slip stripes. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 3047-3070.	2.8	5

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91	Flow towards a Stagnation Region of a Vertical Plate in a Hybrid Nanofluid: Assisting and Opposing Flows. Mathematics, 2021, 9, 448.	2.2	5
92	Unsteady MHD Mixed Convection Flow in Hybrid Nanofluid at Three-Dimensional Stagnation Point. Mathematics, 2021, 9, 549.	2.2	18
93	Numerical Computation of Dusty Hybrid Nanofluid Flow and Heat Transfer over a Deformable Sheet with Slip Effect. Mathematics, 2021, 9, 643.	2.2	21
94	Mixed convective stagnation point flow of a hybrid nanofluid toward a vertical cylinder. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 3689-3710.	2.8	20
95	Hybrid Nanofluid Flow over a Permeable Non-Isothermal Shrinking Surface. Mathematics, 2021, 9, 538.	2.2	26
96	Influence of buoyancy force on Ag-MgO/water hybrid nanofluid flow in an inclined permeable stretching/shrinking sheet. International Communications in Heat and Mass Transfer, 2021, 123, 105236.	5.6	49
97	Unsteady EMHD stagnation point flow over a stretching/shrinking sheet in a hybrid Al2O3-Cu/H2O nanofluid. International Communications in Heat and Mass Transfer, 2021, 123, 105205.	5.6	46
98	Entropy generation analysis of Falknerâ€“Skan flow of Maxwell nanofluid in porous medium with temperature-dependent viscosity. Pramana - Journal of Physics, 2021, 95, 1.	1.8	15
99	Numerical simulation of mixed convection in a lid-driven trapezoidal cavity with flexible bottom wall and filled with a hybrid nanofluid. European Physical Journal Plus, 2021, 136, 1.	2.6	5
100	Hybrid Nanofluids Flows Determined by a Permeable Power-Law Stretching/Shrinking Sheet Modulated by Orthogonal Surface Shear. Entropy, 2021, 23, 813.	2.2	10
101	Flow and heat transfer of hybrid nanofluid induced by an exponentially stretching/shrinking curved surface. Case Studies in Thermal Engineering, 2021, 25, 100982.	5.7	43
102	Unsteady hybrid nanofluid flow over a radially permeable shrinking/stretching surface. Journal of Molecular Liquids, 2021, 331, 115752.	4.9	78
103	Dual solutions for Casson hybrid nanofluid flow due to a stretching/shrinking sheet: A new combination of theoretical and experimental models. Chinese Journal of Physics, 2021, 71, 574-588.	3.9	74
104	Agrawal flow of a hybrid nanofluid over a shrinking disk. Case Studies in Thermal Engineering, 2021, 25, 100950.	5.7	15
105	Mixed convection hybrid nanofluid flow over an exponentially accelerating surface in a porous media. Neural Computing and Applications, 2021, 33, 15719-15729.	5.6	20
106	Exact solutions of Stokes' second problem for hybrid nanofluid flow with a heat source. Physics of Fluids, 2021, 33, .	4.0	22
107	Free convection inside a porous square cavity with convective boundary condition using spline functions. Boundary Value Problems, 2021, 2021, .	0.7	1
108	Nanofluid Flow on a Shrinking Cylinder with Al2O3 Nanoparticles. Mathematics, 2021, 9, 1612.	2.2	17

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109	Unsteady squeezing flow of Cu-Al2O3/water hybrid nanofluid in a horizontal channel with magnetic field. Scientific Reports, 2021, 11, 14128.	3.3	52
110	Marangoni hybrid nanofluid flow over a permeable infinite disk embedded in a porous medium. International Communications in Heat and Mass Transfer, 2021, 126, 105421.	5.6	41
111	Mixed convection of a three-dimensional stagnation point flow on a vertical plate with surface slip in a hybrid nanofluid. Chinese Journal of Physics, 2021, 74, 129-143.	3.9	8
112	Dusty hybrid nanofluid flow over a shrinking sheet with magnetic field effects. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, ahead-of-print, .	2.8	8
113	MHD Glauert Flow of a Hybrid Nanofluid with Heat Transfer. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 2021, 86, 91-100.	0.6	8
114	Dual solutions of bioconvection hybrid nanofluid flow due to gyrotactic microorganisms towards a vertical plate. Chinese Journal of Physics, 2021, 72, 461-474.	3.9	34
115	Shape factor effect of radiative Cuâ€“Al2O3/H2O hybrid nanofluid flow towards an EMHD plate. Case Studies in Thermal Engineering, 2021, 26, 101199.	5.7	43
116	Flow towards a Stagnation Region of a Curved Surface in a Hybrid Nanofluid with Buoyancy Effects. Mathematics, 2021, 9, 2330.	2.2	13
117	Dual similarity solutions because of mixed convective flow of a double-nanoparticles hybrid nanofluid: critical points and stability analysis. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 3319-3342.	2.8	4
118	Stagnation point flow of a second-grade hybrid nanofluid induced by a Riga plate. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, ahead-of-print, .	2.8	6
119	Convective Heat Transfer of a Hybrid Nanofluid over a Nonlinearly Stretching Surface with Radiation Effect. Mathematics, 2021, 9, 2220.	2.2	22
120	Unsteady MHD stagnation point flow induced by exponentially permeable stretching/shrinking sheet of hybrid nanofluid. Engineering Science and Technology, an International Journal, 2021, 24, 1201-1210.	3.2	14
121	Comment on the paper â€œNumerical simulation for heat transfer performance in unsteady flow of Williamson fluid driven by a wedge-geometryâ€. Results in Physics, 2021, 20, 103717.	4.1	0
122	Unsteady hybrid nanofluid flow on a stagnation point of a permeable rigid surface. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2021, 101, e202000193.	1.6	13
123	Polarization force and geothermal viscosity driven unsteady BÃ¶dewadt transport phenomenon over a ferrofluid saturated disk. Physica Scripta, 2021, 96, 015202.	2.5	12
124	Hybrid Nanofluid Slip Flow over an Exponentially Stretching/Shrinking Permeable Sheet with Heat Generation. Mathematics, 2021, 9, 30.	2.2	66
125	Stability Analysis of Unsteady MHD Rear Stagnation Point Flow of Hybrid Nanofluid. Mathematics, 2021, 9, 2428.	2.2	9
126	Mixed Convection Stagnation Point Flow of a Hybrid Nanofluid Past a Permeable Flat Plate with Radiation Effect. Mathematics, 2021, 9, 2681.	2.2	4

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127	Flow of aqueous Fe2O3â€“CuO hybrid nanofluid over a permeable stretching/shrinking wedge: A development on Falknerâ€“Skan problem. Chinese Journal of Physics, 2021, 74, 406-420.	3.9	55
128	Flow and Heat Transfer Past a Stretching/Shrinking Sheet Using Modified Buongiorno Nanoliquid Model. Mathematics, 2021, 9, 3047.	2.2	11
129	Influence of MHD Hybrid Ferrofluid Flow on Exponentially Stretching/Shrinking Surface with Heat Source/Sink under Stagnation Point Region. Mathematics, 2021, 9, 2932.	2.2	22
130	Hybrid Carbon Nanotube Flow near the Stagnation Region over a Permeable Vertical Plate with Heat Generation/Absorption. Mathematics, 2021, 9, 2925.	2.2	5
131	MHD stagnation-point flow and heat transfer past a stretching/shrinking sheet in a hybrid nanofluid with induced magnetic field. International Journal of Numerical Methods for Heat and Fluid Flow, 2020, 30, 1345-1364.	2.8	19
132	Flow and heat transfer over a permeable biaxial stretching/shrinking sheet in a nanofluid. Neural Computing and Applications, 2020, 32, 4575-4582.	5.6	6
133	Analysis of melting behavior of PCMs in a cavity subject to a non-uniform magnetic field using a moving grid technique. Applied Mathematical Modelling, 2020, 77, 1936-1953.	4.2	138
134	Nanofluid flow by a permeable stretching/shrinking cylinder. Heat and Mass Transfer, 2020, 56, 547-557.	2.1	22
135	Insight into the dynamics of ferrohydrodynamic (FHD) and magnetohydrodynamic (MHD) nanofluids inside a hexagonal cavity in the presence of a non-uniform magnetic field. Journal of Magnetism and Magnetic Materials, 2020, 497, 166024.	2.3	43
136	Transpiration effects on hybrid nanofluid flow and heat transfer over a stretching/shrinking sheet with uniform shear flow. AEJ - Alexandria Engineering Journal, 2020, 59, 91-99.	6.4	101
137	Hybrid nanofluid flow induced by an exponentially shrinking sheet. Chinese Journal of Physics, 2020, 68, 468-482.	3.9	80
138	MHD thermogravitational convection and thermal radiation of a micropolar nanoliquid in a porous chamber. International Communications in Heat and Mass Transfer, 2020, 110, 104409.	5.6	98
139	Magnetohydrodynamics (MHD) axisymmetric flow and heat transfer of a hybrid nanofluid past a radially permeable stretching/shrinking sheet with Joule heating. Chinese Journal of Physics, 2020, 64, 251-263.	3.9	138
140	Flow and heat transfer of a second-grade hybrid nanofluid over a permeable stretching/shrinking sheet. European Physical Journal Plus, 2020, 135, 1.	2.6	27
141	Hiemenz flow over a shrinking sheet in a hybrid nanofluid. Results in Physics, 2020, 19, 103351.	4.1	34
142	Non-Darcy mixed convection of hybrid nanofluid with thermal dispersion along a vertical plate embedded in a porous medium. International Communications in Heat and Mass Transfer, 2020, 118, 104866.	5.6	29
143	Investigation of the novelty of latent functionally thermal fluids as alternative to nanofluids in natural convective flows. Scientific Reports, 2020, 10, 20257.	3.3	9
144	Inclined Lorentz force impact on convective-radiative heat exchange of micropolar nanofluid inside a porous enclosure with tilted elliptical heater. International Communications in Heat and Mass Transfer, 2020, 117, 104762.	5.6	70

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145	MHD mixed convection boundary layer stagnation-point flow on a vertical surface with induced magnetic field. International Journal of Numerical Methods for Heat and Fluid Flow, 2020, 30, 4697-4710.	2.8	7
146	Non-axisymmetric Homann stagnation point flow and heat transfer past a stretching/shrinking sheet using hybrid nanofluid. International Journal of Numerical Methods for Heat and Fluid Flow, 2020, 30, 4583-4606.	2.8	19
147	Magnetohydrodynamic Flow and Heat Transfer Induced by a Shrinking Sheet. Mathematics, 2020, 8, 1175.	2.2	9
148	Cu-Al2O3/Water Hybrid Nanofluid Stagnation Point Flow Past MHD Stretching/Shrinking Sheet in Presence of Homogeneous-Heterogeneous and Convective Boundary Conditions. Mathematics, 2020, 8, 1237.	2.2	34
149	Fluid flow effects on diffusion layer and current density for electrochemical systems. Korean Journal of Chemical Engineering, 2020, 37, 1453-1465.	2.7	2
150	Second law thermodynamic analysis of thermo-magnetic Jefferyâ€“Hamel dissipative radiative hybrid nanofluid slip flow: existence of multiple solutions. European Physical Journal Plus, 2020, 135, 1.	2.6	15
151	Unsteady Stagnation Point Flow of Hybrid Nanofluid Past a Convectively Heated Stretching/Shrinking Sheet with Velocity Slip. Mathematics, 2020, 8, 1649.	2.2	42
152	Flow and heat transfer of hybrid nanofluid over a permeable shrinking cylinder with Joule heating: A comparative analysis. AEJ - Alexandria Engineering Journal, 2020, 59, 1787-1798.	6.4	105
153	Unsteady Three-Dimensional MHD Non-Axisymmetric Homann Stagnation Point Flow of a Hybrid Nanofluid with Stability Analysis. Mathematics, 2020, 8, 784.	2.2	49
154	Three-Dimensional Hybrid Nanofluid Flow and Heat Transfer past a Permeable Stretching/Shrinking Sheet with Velocity Slip and Convective Condition. Chinese Journal of Physics, 2020, 66, 157-171.	3.9	77
155	MHD mixed convection stagnation point flow of a hybrid nanofluid past a vertical flat plate with convective boundary condition. Chinese Journal of Physics, 2020, 66, 630-644.	3.9	101
156	MHD mixed convection stagnation-point flow of Cu-Al2O3/water hybrid nanofluid over a permeable stretching/shrinking surface with heat source/sink. European Journal of Mechanics, B/Fluids, 2020, 84, 71-80.	2.5	106
157	Flow and heat transfer of a hybrid nanofluid past a permeable moving surface. Chinese Journal of Physics, 2020, 66, 606-619.	3.9	40
158	Mixed Convective Stagnation Point Flow towards a Vertical Riga Plate in Hybrid Cu-Al2O3/Water Nanofluid. Mathematics, 2020, 8, 912.	2.2	72
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