

Ioan Pop

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

609
papers

19,408
citations

69
h-index

108
g-index

650
ext. papers

23,065
ext. citations

3.6
avg, IF

7.92
L-index

#	Paper	IF	Citations
609	Numerical Simulation of Solid and Porous Fins Impact on Heat Transfer Performance in a Differentially Heated Chamber. <i>Mathematics</i> , 2022 , 10, 263	2.3	1
608	Unsteady magnetohydrodynamic stagnation point flow of a nanofluid past a permeable shrinking sheet. <i>Chinese Journal of Physics</i> , 2022 , 75, 109-119	3.5	3
607	Radiative heat transfer of Reiner-Philippoff fluid flow past a nonlinearly shrinking sheet: Dual solutions and stability analysis. <i>Chinese Journal of Physics</i> , 2022 , 77, 45-45	3.5	0
606	Heat and mass transfer of a hybrid nanofluid flow with binary chemical reaction over a permeable shrinking surface. <i>Chinese Journal of Physics</i> , 2022 , 76, 283-298	3.5	4
605	Magnetohydrodynamic and viscous dissipation effects on radiative heat transfer of non-Newtonian fluid flow past a nonlinearly shrinking sheet: Reiner-Philippoff model. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 7605-7617	6.1	1
604	Rotating Flow in a Nanofluid with CNT Nanoparticles over a Stretching/Shrinking Surface. <i>Mathematics</i> , 2022 , 10, 7	2.3	4
603	Symmetrical solutions of hybrid nanofluid stagnation-point flow in a porous medium. <i>International Communications in Heat and Mass Transfer</i> , 2022 , 130, 105804	5.8	11
602	Thermal radiation on mixed convection heat and mass transfer over a vertical permeable stretching/shrinking sheet with Soret and Dufour effects. <i>Journal of Engineering Mathematics</i> , 2022 , 132, 1	1.2	0
601	Radiative mixed convective flow induced by hybrid nanofluid over a porous vertical cylinder in a porous media with irregular heat sink/source. <i>Case Studies in Thermal Engineering</i> , 2022 , 30, 101711	5.6	12
600	<i>Jets</i> 2022 , 255-276		
599	Micropolar fluids over the moving surface 2022 , 225-253		
598	Nanofluids 2022 , 87-112		
597	Stretching/shrinking sheets near a stagnation-point flow in viscous fluids 2022 , 49-86		
596	Viscous fluids 2022 , 23-48		0
595	Stretching/shrinking sheets in nanofluids and hybrid nanofluids 2022 , 113-162		
594	Mixed convection stagnation-point flow of Cross fluid over a shrinking sheet with suction and thermal radiation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022 , 585, 126398	3.3	4
593	Mixed convection flow in porous medium 2022 , 163-203		

592	Numerical Results on Slip Effect over an Exponentially Stretching/Shrinking Cylinder. <i>Mathematics</i> , 2022 , 10, 1114	2.3	
591	MHD Mixed Convection Hybrid Nanofluids Flow over a Permeable Moving Inclined Flat Plate in the Presence of Thermophoretic and Radiative Heat Flux Effects. <i>Mathematics</i> , 2022 , 10, 1164	2.3	4
590	Unsteady MHD hybrid nanofluid flow towards a horizontal cylinder. <i>International Communications in Heat and Mass Transfer</i> , 2022 , 134, 106020	5.8	2
589	Unsteady MHD mixed convection flow of a hybrid nanofluid with thermal radiation and convective boundary condition. <i>Chinese Journal of Physics</i> , 2022 , 77, 378-392	3.5	3
588	Thermal progress of a non-Newtonian hybrid nanofluid flow on a permeable Riga plate with temporal stability analysis. <i>Chinese Journal of Physics</i> , 2022 , 77, 279-290	3.5	4
587	Aqua Cobalt Ferrite/Mn γ n Ferrite Hybrid Nanofluid Flow Over a Nonlinearly Stretching Permeable Sheet in a Porous Medium. <i>Journal of Nanofluids</i> , 2022 , 11, 383-391	2.2	0
586	Multiple solutions of the unsteady hybrid nanofluid flow over a rotating disk with stability analysis. <i>European Journal of Mechanics, B/Fluids</i> , 2022 , 94, 121-127	2.4	4
585	Thermogravitational Convective Flow and Energy Transport in an Electronic Cabinet with a Heat-Generating Element and Solid/Porous Finned Heat Sink. <i>Mathematics</i> , 2022 , 10, 34	2.3	1
584	Blasius Flow over a Permeable Moving Flat Plate Containing Cu-Al ₂ O ₃ Hybrid Nanoparticles with Viscous Dissipation and Radiative Heat Transfer. <i>Mathematics</i> , 2022 , 10, 1281	2.3	0
583	Steady Flow of Burgers \square Nanofluids over a Permeable Stretching/Shrinking Surface with Heat Source/Sink. <i>Mathematics</i> , 2022 , 10, 1580	2.3	0
582	Effects of Magnetic Fields, Coupled Stefan Blowing and Thermodiffusion on Ferrofluid Transport Phenomena. <i>Mathematics</i> , 2022 , 10, 1646	2.3	1
581	Unsteady Magnetohydrodynamics (MHD) Flow of Hybrid Ferrofluid Due to a Rotating Disk. <i>Mathematics</i> , 2022 , 10, 1658	2.3	3
580	Unsteady micropolar hybrid nanofluid flow past a permeable stretching/shrinking vertical plate. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 11337-11349	6.1	2
579	Stability Analysis of Unsteady Hybrid Nanofluid Flow over the Falkner-Skan Wedge. <i>Nanomaterials</i> , 2022 , 12, 1771	5.4	0
578	Unsteady Separated Stagnation-Point Flow Past a Moving Plate with Suction Effect in Hybrid Nanofluid. <i>Mathematics</i> , 2022 , 10, 1933	2.3	0
577	Flow and Heat Transfer Past a Stretching/Shrinking Sheet Using Modified Buongiorno Nanoliquid Model. <i>Mathematics</i> , 2021 , 9, 3047	2.3	3
576	Influence of MHD Hybrid Ferrofluid Flow on Exponentially Stretching/Shrinking Surface with Heat Source/Sink under Stagnation Point Region. <i>Mathematics</i> , 2021 , 9, 2932	2.3	3
575	Hybrid Carbon Nanotube Flow near the Stagnation Region over a Permeable Vertical Plate with Heat Generation/Absorption. <i>Mathematics</i> , 2021 , 9, 2925	2.3	1

574	Dusty ferrofluid transport phenomena towards a non-isothermal moving surface with viscous dissipation. <i>Chinese Journal of Physics</i> , 2021 ,	3.5	3
573	Hybrid Nanofluid Slip Flow over an Exponentially Stretching/Shrinking Permeable Sheet with Heat Generation. <i>Mathematics</i> , 2021 , 9, 30	2.3	28
572	Stability Analysis of Unsteady MHD Rear Stagnation Point Flow of Hybrid Nanofluid. <i>Mathematics</i> , 2021 , 9, 2428	2.3	3
571	Stagnation point flow of a micropolar fluid filled with hybrid nanoparticles by considering various base fluids and nanoparticle shape factors. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , ahead-of-print,	4.5	6
570	Mixed Convection Stagnation Point Flow of a Hybrid Nanofluid Past a Permeable Flat Plate with Radiation Effect. <i>Mathematics</i> , 2021 , 9, 2681	2.3	1
569	Flow of aqueous Fe ₂ O ₃ /CuO hybrid nanofluid over a permeable stretching/shrinking wedge: A development on Falkner-Bkan problem. <i>Chinese Journal of Physics</i> , 2021 , 74, 406-420	3.5	10
568	Polarization force and geothermal viscosity driven unsteady Břewadt transport phenomenon over a ferrofluid saturated disk. <i>Physica Scripta</i> , 2021 , 96, 015202	2.6	4
567	Numerical Computation of Dusty Hybrid Nanofluid Flow and Heat Transfer over a Deformable Sheet with Slip Effect. <i>Mathematics</i> , 2021 , 9, 643	2.3	12
566	Mixed convective stagnation point flow of a hybrid nanofluid toward a vertical cylinder. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , ahead-of-print,	4.5	11
565	Hybrid Nanofluid Flow over a Permeable Non-Isothermal Shrinking Surface. <i>Mathematics</i> , 2021 , 9, 538	2.3	11
564	Influence of buoyancy force on Ag-MgO/water hybrid nanofluid flow in an inclined permeable stretching/shrinking sheet. <i>International Communications in Heat and Mass Transfer</i> , 2021 , 123, 105236	5.8	19
563	Unsteady EMHD stagnation point flow over a stretching/shrinking sheet in a hybrid Al ₂ O ₃ -Cu/H ₂ O nanofluid. <i>International Communications in Heat and Mass Transfer</i> , 2021 , 123, 105205	5.8	21
562	Entropy generation analysis of Falkner-Bkan flow of Maxwell nanofluid in porous medium with temperature-dependent viscosity 2021 , 95, 1		9
561	Numerical simulation of mixed convection in a lid-driven trapezoidal cavity with flexible bottom wall and filled with a hybrid nanofluid. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	3
560	Free convective heat transfer efficiency in Al ₂ O ₃ /Cu/water hybrid nanofluid inside a rectotrapezoidal enclosure. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , ahead-of-print,	4.5	2
559	Hybrid Nanofluids Flows Determined by a Permeable Power-Law Stretching/Shrinking Sheet Modulated by Orthogonal Surface Shear. <i>Entropy</i> , 2021 , 23,	2.8	4
558	Flow and heat transfer of hybrid nanofluid induced by an exponentially stretching/shrinking curved surface. <i>Case Studies in Thermal Engineering</i> , 2021 , 25, 100982	5.6	13
557	Unsteady hybrid nanofluid flow over a radially permeable shrinking/stretching surface. <i>Journal of Molecular Liquids</i> , 2021 , 331, 115752	6	39

556	Dual solutions for Casson hybrid nanofluid flow due to a stretching/shrinking sheet: A new combination of theoretical and experimental models. <i>Chinese Journal of Physics</i> , 2021 , 71, 574-588	3.5	30
555	Agrawal flow of a hybrid nanofluid over a shrinking disk. <i>Case Studies in Thermal Engineering</i> , 2021 , 25, 100950	5.6	7
554	Mixed convection hybrid nanofluid flow over an exponentially accelerating surface in a porous media. <i>Neural Computing and Applications</i> , 2021 , 33, 15719	4.8	3
553	Three-dimensional flow of radiative hybrid nanofluid past a permeable stretching/shrinking sheet with homogeneous-heterogeneous reaction. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , ahead-of-print,	4.5	6
552	Exact solutions of Stokes' second problem for hybrid nanofluid flow with a heat source. <i>Physics of Fluids</i> , 2021 , 33, 063603	4.4	6
551	Nanofluid Flow on a Shrinking Cylinder with Al ₂ O ₃ Nanoparticles. <i>Mathematics</i> , 2021 , 9, 1612	2.3	4
550	Darcy-Boussinesq convective flow in a trapezoidal enclosure with thermal stratification. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 145, 3325-3337	4.1	0
549	MHD hybrid nanofluid flow over a permeable stretching/shrinking sheet with thermal radiation effect. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 1014-1031	4.5	25
548	Hybrid nanofluid flow towards a stagnation point on an exponentially stretching/shrinking vertical sheet with buoyancy effects. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 216-235	4.5	30
547	MHD flow and heat transfer of hybrid nanofluid over a permeable moving surface in the presence of thermal radiation. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 858-879	4.5	36
546	Radiative hybrid nanofluid flow past a rotating permeable stretching/shrinking sheet. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 914-932	4.5	11
545	A new similarity solution with stability analysis for the three-dimensional boundary layer of hybrid nanofluids. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 809-828	4.5	11
544	Unsteady mixed convection flow at a three-dimensional stagnation point. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 236-250	4.5	2
543	Dufour and Soret effects on Al ₂ O ₃ -water nanofluid flow over a moving thin needle: Tiwari and Das model. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 766-782	4.5	22
542	Nonhomogeneous model for conjugate mixed convection of nanofluid and entropy generation in an enclosure in presence of inclined magnetic field with Joule heating. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 418-441	4.5	2
541	Mixed convection stagnation point flow of a hybrid nanofluid past a vertical flat plate with a second order velocity model. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 75-91	4.5	6
540	Thermal convection in a chamber filled with a nanosuspension driven by a chemical reaction using Tiwari and Das model. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 452-470	4.5	7
539	Cross flow and heat transfer past a permeable stretching/shrinking sheet in a hybrid nanofluid. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 1295-1319	4.5	10

538	Effect of suction on the stagnation point flow of hybrid nanofluid toward a permeable and vertical Riga plate. <i>Heat Transfer</i> , 2021 , 50, 1895-1910	3.1	9
537	Hybrid nanofluid flow on a shrinking cylinder with prescribed surface heat flux. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 1987-2004	4.5	12
536	Axisymmetric flow of hybrid nanofluid due to a permeable non-linearly stretching/shrinking sheet with radiation effect. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 2330-2346	4.5	5
535	Heat generation/absorption effect on MHD flow of hybrid nanofluid over bidirectional exponential stretching/shrinking sheet. <i>Chinese Journal of Physics</i> , 2021 , 69, 118-133	3.5	23
534	Stability analysis of MHD hybrid nanofluid flow over a stretching/shrinking sheet with quadratic velocity. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 915-926	6.1	30
533	Unsteady axisymmetric flow and heat transfer of a hybrid nanofluid over a permeable stretching/shrinking disc. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 2005-2021	4.5	10
532	Hybrid nanofluid flow through an exponentially stretching/shrinking sheet with mixed convection and Joule heating. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 1930-1950	4.5	10
531	Melting heat transfer of a hybrid nanofluid flow towards a stagnation point region with second-order slip. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2021 , 235, 405-415	1.5	12
530	Numerical results for the classical free convection flow problem in a square porous cavity using spline functions. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 753-765	4.5	1
529	Free Convection Heat Transfer and Entropy Generation in an Odd-Shaped Cavity Filled with a Cu-Al ₂ O ₃ Hybrid Nanofluid. <i>Symmetry</i> , 2021 , 13, 122	2.7	1
528	Mixed convection in a chamber saturated with MWCNT-Fe ₃ O ₄ /water hybrid nanofluid under the upper wall velocity modulation. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	5
527	Two-phase model for mixed convection and flow enhancement of a nanofluid in an inclined channel patterned with heated slip stripes. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 3047-3070	4.5	2
526	Flow towards a Stagnation Region of a Vertical Plate in a Hybrid Nanofluid: Assisting and Opposing Flows. <i>Mathematics</i> , 2021 , 9, 448	2.3	2
525	Unsteady MHD Mixed Convection Flow in Hybrid Nanofluid at Three-Dimensional Stagnation Point. <i>Mathematics</i> , 2021 , 9, 549	2.3	9
524	Unsteady squeezing flow of Cu-AlO/water hybrid nanofluid in a horizontal channel with magnetic field. <i>Scientific Reports</i> , 2021 , 11, 14128	4.9	16
523	Marangoni hybrid nanofluid flow over a permeable infinite disk embedded in a porous medium. <i>International Communications in Heat and Mass Transfer</i> , 2021 , 126, 105421	5.8	16
522	Flow and heat transfer over a permeable moving wedge in a hybrid nanofluid with activation energy and binary chemical reaction. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , ahead-of-print,	4.5	6
521	Mixed convection of a three-dimensional stagnation point flow on a vertical plate with surface slip in a hybrid nanofluid. <i>Chinese Journal of Physics</i> , 2021 , 74, 129-129	3.5	4

520	Magnetohydrodynamics (MHD) boundary layer flow of hybrid nanofluid over a moving plate with Joule heating. <i>AEJ - Alexandria Engineering Journal</i> , 2021 ,	6.1	14
519	Dusty hybrid nanofluid flow over a shrinking sheet with magnetic field effects. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , ahead-of-print,	4.5	3
518	MHD stagnation point flow on a shrinking surface with hybrid nanoparticles and melting phenomenon effects. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , ahead-of-print,	4.5	3
517	MHD hybrid nanofluid flow with convective heat transfer over a permeable stretching/shrinking surface with radiation. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , ahead-of-print, 1706	4.5	2
516	Dual solutions of bioconvection hybrid nanofluid flow due to gyrotactic microorganisms towards a vertical plate. <i>Chinese Journal of Physics</i> , 2021 , 72, 461-474	3.5	17
515	Shape factor effect of radiative CuAl ₂ O ₃ /H ₂ O hybrid nanofluid flow towards an EMHD plate. <i>Case Studies in Thermal Engineering</i> , 2021 , 26, 101199	5.6	16
514	Flow towards a Stagnation Region of a Curved Surface in a Hybrid Nanofluid with Buoyancy Effects. <i>Mathematics</i> , 2021 , 9, 2330	2.3	2
513	Stagnation point flow of a second-grade hybrid nanofluid induced by a Riga plate. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , ahead-of-print,	4.5	3
512	MHD mixed convection flow of a hybrid nanofluid past a permeable vertical flat plate with thermal radiation effect. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 61, 3323-3323	6.1	9
511	Convective Heat Transfer of a Hybrid Nanofluid over a Nonlinearly Stretching Surface with Radiation Effect. <i>Mathematics</i> , 2021 , 9, 2220	2.3	6
510	Unsteady MHD stagnation point flow induced by exponentially permeable stretching/shrinking sheet of hybrid nanofluid 2021 , 24, 1201-1210		6
509	Comment on the paper "Numerical simulation for heat transfer performance in unsteady flow of Williamson fluid driven by a wedge-geometry" <i>Results in Physics</i> , 2021 , 20, 103717	3.7	
508	Unsteady hybrid nanofluid flow on a stagnation point of a permeable rigid surface. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2021 , 101, e202000193	1	2
507	Flow and heat transfer of MHD dusty hybrid nanofluids over a shrinking sheet. <i>Chinese Journal of Physics</i> , 2021 ,	3.5	2
506	Unsteady stagnation point flow past a permeable stretching/shrinking Riga plate in Al ₂ O ₃ -Cu/H ₂ O hybrid nanofluid with thermal radiation. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , ahead-of-print,	4.5	3
505	Flow and heat transfer of hybrid nanofluid over a permeable shrinking cylinder with Joule heating: A comparative analysis. <i>AEJ - Alexandria Engineering Journal</i> , 2020 , 59, 1787-1798	6.1	59
504	Unsteady Three-Dimensional MHD Non-Axisymmetric Homann Stagnation Point Flow of a Hybrid Nanofluid with Stability Analysis. <i>Mathematics</i> , 2020 , 8, 784	2.3	31
503	Three-Dimensional Hybrid Nanofluid Flow and Heat Transfer past a Permeable Stretching/Shrinking Sheet with Velocity Slip and Convective Condition. <i>Chinese Journal of Physics</i> , 2020 , 66, 157-171	3.5	37

502	MHD mixed convection stagnation point flow of a hybrid nanofluid past a vertical flat plate with convective boundary condition. <i>Chinese Journal of Physics</i> , 2020 , 66, 630-644	3.5	52
501	MHD mixed convection stagnation-point flow of Cu-Al ₂ O ₃ /water hybrid nanofluid over a permeable stretching/shrinking surface with heat source/sink. <i>European Journal of Mechanics, B/Fluids</i> , 2020 , 84, 71-80	2.4	48
500	Flow and heat transfer of a hybrid nanofluid past a permeable moving surface. <i>Chinese Journal of Physics</i> , 2020 , 66, 606-619	3.5	25
499	Mixed Convective Stagnation Point Flow towards a Vertical Riga Plate in Hybrid Cu-Al ₂ O ₃ /Water Nanofluid. <i>Mathematics</i> , 2020 , 8, 912	2.3	39
498	Flow and heat transfer past a permeable power-law deformable plate with orthogonal shear in a hybrid nanofluid. <i>AEJ - Alexandria Engineering Journal</i> , 2020 , 59, 1869-1879	6.1	22
497	On an equation arising in the boundary-layer flow of stretching/shrinking permeable surfaces. <i>Journal of Engineering Mathematics</i> , 2020 , 121, 1-17	1.2	2
496	MHD flow and heat transfer near stagnation point over a stretching/shrinking surface with partial slip and viscous dissipation: Hybrid nanofluid versus nanofluid. <i>Powder Technology</i> , 2020 , 367, 192-205	5.2	73
495	Thermal Convection of Nanofluid in a Double-Connected Chamber. <i>Nanomaterials</i> , 2020 , 10,	5.4	9
494	Mixed convection of a hybrid nanofluid flow along a vertical surface embedded in a porous medium. <i>International Communications in Heat and Mass Transfer</i> , 2020 , 114, 104565	5.8	65
493	Squeezed Hybrid Nanofluid Flow Over a Permeable Sensor Surface. <i>Mathematics</i> , 2020 , 8, 898	2.3	30
492	Hybrid nanofluid flow towards a stagnation point on a stretching/shrinking cylinder. <i>Scientific Reports</i> , 2020 , 10, 9296	4.9	41
491	Mixed convection flow over an exponentially stretching/shrinking vertical surface in a hybrid nanofluid. <i>AEJ - Alexandria Engineering Journal</i> , 2020 , 59, 1881-1891	6.1	41
490	Cu-Al ₂ O ₃ /water hybrid nanofluid flow over a permeable moving surface in presence of hydromagnetic and suction effects. <i>AEJ - Alexandria Engineering Journal</i> , 2020 , 59, 657-666	6.1	51
489	Thermal Radiation and MHD Effects in the Mixed Convection Flow of Fe ₃ O ₄ /Water Ferrofluid towards a Nonlinearly Moving Surface. <i>Processes</i> , 2020 , 8, 95	2.9	22
488	Hybrid Nanofluid Flow Past a Permeable Moving Thin Needle. <i>Mathematics</i> , 2020 , 8, 612	2.3	29
487	Thermogravitational Convection of Hybrid Nanofluid in a Porous Chamber with a Central Heat-Conducting Body. <i>Symmetry</i> , 2020 , 12, 593	2.7	19
486	Thermal Marangoni Flow Past a Permeable Stretching/Shrinking Sheet in a Hybrid Cu-Al ₂ O ₃ /Water Nanofluid 2020 , 49, 211-222		17
485	Stagnation Point Flow and Heat Transfer Over a Permeable Stretching/Shrinking Sheet with Heat Source/Sink. <i>Mechanisms and Machine Science</i> , 2020 , 189-199	0.3	

484	Dual solutions on boundary-layer flow over a moving surface in a flowing nanofluid with second-order slip. <i>Thermal Science</i> , 2020 , 24, 1117-1129	1.2	1
483	Merkin and Needham wall jet problem for hybrid nanofluids with thermal energy. <i>European Journal of Mechanics, B/Fluids</i> , 2020 , 83, 195-204	2.4	14
482	Insight into the dynamics of ferrohydrodynamic (FHD) and magnetohydrodynamic (MHD) nanofluids inside a hexagonal cavity in the presence of a non-uniform magnetic field. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 497, 166024	2.8	21
481	Transpiration effects on hybrid nanofluid flow and heat transfer over a stretching/shrinking sheet with uniform shear flow. <i>AEJ - Alexandria Engineering Journal</i> , 2020 , 59, 91-99	6.1	71
480	Hybrid nanofluid flow induced by an exponentially shrinking sheet. <i>Chinese Journal of Physics</i> , 2020 , 68, 468-482	3.5	42
479	MHD thermogravitational convection and thermal radiation of a micropolar nanoliquid in a porous chamber. <i>International Communications in Heat and Mass Transfer</i> , 2020 , 110, 104409	5.8	67
478	Magnetohydrodynamics (MHD) axisymmetric flow and heat transfer of a hybrid nanofluid past a radially permeable stretching/shrinking sheet with Joule heating. <i>Chinese Journal of Physics</i> , 2020 , 64, 251-263	3.5	86
477	Flow and heat transfer of a second-grade hybrid nanofluid over a permeable stretching/shrinking sheet. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	13
476	Hiemenz flow over a shrinking sheet in a hybrid nanofluid. <i>Results in Physics</i> , 2020 , 19, 103351	3.7	20
475	Non-Darcy mixed convection of hybrid nanofluid with thermal dispersion along a vertical plate embedded in a porous medium. <i>International Communications in Heat and Mass Transfer</i> , 2020 , 118, 104866	5.8	17
474	Investigation of the novelty of latent functionally thermal fluids as alternative to nanofluids in natural convective flows. <i>Scientific Reports</i> , 2020 , 10, 20257	4.9	2
473	Inclined Lorentz force impact on convective-radiative heat exchange of micropolar nanofluid inside a porous enclosure with tilted elliptical heater. <i>International Communications in Heat and Mass Transfer</i> , 2020 , 117, 104762	5.8	28
472	MHD mixed convection boundary layer stagnation-point flow on a vertical surface with induced magnetic field. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2020 , 30, 4697-4710	4.5	6
471	Non-axisymmetric Homann stagnation point flow and heat transfer past a stretching/shrinking sheet using hybrid nanofluid. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2020 , 30, 4583-4606	4.5	14
470	Magnetohydrodynamic Flow and Heat Transfer Induced by a Shrinking Sheet. <i>Mathematics</i> , 2020 , 8, 1175.3	5.3	6
469	Cu-Al ₂ O ₃ /Water Hybrid Nanofluid Stagnation Point Flow Past MHD Stretching/Shrinking Sheet in Presence of Homogeneous-Heterogeneous and Convective Boundary Conditions. <i>Mathematics</i> , 2020 , 8, 1237	2.3	23
468	Fluid flow effects on diffusion layer and current density for electrochemical systems. <i>Korean Journal of Chemical Engineering</i> , 2020 , 37, 1453-1465	2.8	0
467	Second law thermodynamic analysis of thermo-magnetic Jeffery-Biamel dissipative radiative hybrid nanofluid slip flow: existence of multiple solutions. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	5

466	Melting heat transfer in hybrid nanofluid flow along a moving surface. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 1	4.1	16
465	Unsteady Stagnation Point Flow of Hybrid Nanofluid Past a Convectively Heated Stretching/Shrinking Sheet with Velocity Slip. <i>Mathematics</i> , 2020 , 8, 1649	2.3	16
464	Flow and heat transfer over a permeable biaxial stretching/shrinking sheet in a nanofluid. <i>Neural Computing and Applications</i> , 2020 , 32, 4575-4582	4.8	4
463	Analysis of melting behavior of PCMs in a cavity subject to a non-uniform magnetic field using a moving grid technique. <i>Applied Mathematical Modelling</i> , 2020 , 77, 1936-1953	4.5	75
462	Nanofluid flow by a permeable stretching/shrinking cylinder. <i>Heat and Mass Transfer</i> , 2020 , 56, 547-557	2.2	11
461	A dissipative particle dynamics two-component nanofluid heat transfer model: Application to natural convection. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 133, 1086-1098	4.9	14
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17	The effect of variable viscosity on flow and heat transfer to a continuous moving flat plate. <i>International Journal of Engineering Science</i> , 1992 , 30, 1-6	5.7	122

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15	Non-darcy natural convection on a vertical cylinder in a saturated porous medium. <i>Heat and Mass Transfer</i> , 1986 , 20, 33-37		6
14	Combined free and forced convection flow past a vertical porous plate. <i>International Journal of Energy Research</i> , 1981 , 5, 215-226	4.5	7
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12	Convective Flow and Heat Transfer from Wavy Surfaces		77
11	Effect of convective boundary condition on unsteady flow of CNT-H ₂ O nanofluid towards a stagnation-point on a shrinking/expanding flat sheet. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> ,095440892110546	1.5	2
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4	Unsteady mixed convective stagnation point flow of hybrid nanofluid in porous medium. <i>Neural Computing and Applications</i> ,1	4.8	2
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2	Three-Dimensional Stretching/Shrinking Flow of Hybrid Nanofluid with Slips and Joule Heating. <i>Journal of Thermophysics and Heat Transfer</i> ,1-10	1.3	0
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