Ioan Pop

List of Publications by Citations

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	A review of the applications of nanofluids in solar energy. *International Journal of Heat and Mass Transfer*, **2013**, 57, 582-594	4.9	904
608	Recent advances in modeling and simulation of nanofluid flows-Part I: Fundamentals and theory. *Physics Reports*, **2019**, 790, 1-48	27.7	495
607	A review of entropy generation in nanofluid flow. *International Journal of Heat and Mass Transfer*, **2013**, 65, 514-532	4.9	338
606	Recent advances in modeling and simulation of nanofluid flows-Part II: Applications. *Physics Reports*, **2019**, 791, 1-59	27.7	337
605	Boundary-layer flow of nanofluids over a moving surface in a flowing fluid. *International Journal of Thermal Sciences*, **2010**, 49, 1663-1668	4.1	249
604	Nanofluid flow and heat transfer in porous media: A review of the latest developments. *International Journal of Heat and Mass Transfer*, **2017**, 107, 778-791	4.9	242
603	Stagnation point flow of a micropolar fluid towards a stretching sheet. *International Journal of Non-Linear Mechanics*, **2004**, 39, 1227-1235	2.8	201
602	Flow and heat transfer over a vertical permeable stretching/shrinking sheet with a second order slip. *International Journal of Heat and Mass Transfer*, **2013**, 60, 355-364	4.9	196
601	Boundary layer flow and heat transfer over an unsteady stretching vertical surface. *Meccanica*, **2009**, 44, 369-375	2.1	187
600	Free convection in a square porous cavity using a thermal nonequilibrium model. *International Journal of Thermal Sciences*, **2002**, 41, 861-870	4.1	186
599	Unsteady flow and heat transfer past a stretching/shrinking sheet in a hybrid nanofluid. *International Journal of Heat and Mass Transfer*, **2019**, 136, 288-297	4.9	177
598	STAGNATION-POINT FLOW OVER A SHRINKING SHEET IN A MICROPOLAR FLUID. *Chemical Engineering Communications*, **2010**, 197, 1417-1427	2.2	174
597	Mixed convection boundary layer flow from a vertical flat plate embedded in a porous medium filled with nanofluids. *International Communications in Heat and Mass Transfer*, **2010**, 37, 987-991	5.8	163
596	Explicit analytic solution for similarity boundary layer equations. *International Journal of Heat and Mass Transfer*, **2004**, 47, 75-85	4.9	151
595	Unsteady boundary layer flow in the region of the stagnation point on a stretching sheet. *International Journal of Engineering Science*, **2004**, 42, 1241-1253	5.7	151
594	Flow and heat transfer over a rotating porous disk in a nanofluid. *Physica B: Condensed Matter*, **2011**, 406, 1767-1772	2.8	150
593	Falkner-Skan problem for a static or moving wedge in nanofluids. *International Journal of Thermal Sciences*, **2011**, 50, 133-139	4.1	138

592	Heat transfer over an unsteady stretching permeable surface with prescribed wall temperature. *Nonlinear Analysis: Real World Applications*, **2009**, 10, 2909-2913	2.1	137
591	MHD stagnation point flow towards a stretching sheet. *Physica A: Statistical Mechanics and Its Applications*, **2009**, 388, 3377-3383	3.3	137
590	Dual solutions for mixed convective stagnation-point flow of an aqueous silica–alumina hybrid nanofluid. *Chinese Journal of Physics*, **2018**, 56, 2465-2478	3.5	132
589	On the stagnation-point flow towards a stretching sheet with homogeneous–heterogeneous reactions effects. *Communications in Nonlinear Science and Numerical Simulation*, **2011**, 16, 4296-4302	3.7	132
588	MHD mixed convection in a lid-driven cavity with corner heater. *International Journal of Heat and Mass Transfer*, **2011**, 54, 3494-3504	4.9	131
587	Effect of magnetic field on natural convection in a triangular enclosure filled with nanofluid. *International Journal of Thermal Sciences*, **2012**, 59, 126-140	4.1	129
586	Effects of thermal radiation on micropolar fluid flow and heat transfer over a porous shrinking sheet. *International Journal of Heat and Mass Transfer*, **2012**, 55, 2945-2952	4.9	129
585	Magnetic field effect on the unsteady natural convection in a wavy-walled cavity filled with a nanofluid: Buongiorno's mathematical model. *Journal of the Taiwan Institute of Chemical Engineers*, **2016**, 61, 211-222	5.3	122
584	The effect of variable viscosity on flow and heat transfer to a continuous moving flat plate. *International Journal of Engineering Science*, **1992**, 30, 1-6	5.7	122
583	Magnetohydrodynamic (MHD) flow and heat transfer due to a stretching cylinder. *Energy Conversion and Management*, **2008**, 49, 3265-3269	10.6	118
582	Unsteady boundary-layer flow and heat transfer of a nanofluid over a permeable stretching/shrinking sheet. *International Journal of Heat and Mass Transfer*, **2012**, 55, 2102-2109	4.9	117
581	Melting heat transfer in boundary layer stagnation-point flow towards a stretching/shrinking sheet. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2010**, 374, 4075-4079	2.3	112
580	Natural convection in an inclined cavity with time-periodic temperature boundary conditions using nanofluids: Application in solar collectors. *International Journal of Heat and Mass Transfer*, **2018**, 116, 751-761	4.9	109
579	Numerical simulation of unsteady mixed convection in a driven cavity using an externally excited sliding lid. *European Journal of Mechanics, B/Fluids*, **2007**, 26, 669-687	2.4	109
578	MHD natural convection and entropy generation in a trapezoidal enclosure using Cu–water nanofluid. *Computers and Fluids*, **2013**, 72, 46-62	2.8	107
577	Free convection in a triangle cavity filled with a porous medium saturated with nanofluids with flush mounted heater on the wall. *International Journal of Thermal Sciences*, **2011**, 50, 2141-2153	4.1	107
576	Melting heat transfer in boundary layer stagnation-point flow towards a stretching/shrinking sheet in a micropolar fluid. *Computers and Fluids*, **2011**, 47, 16-21	2.8	105
575	Unsteady boundary layer flow over a permeable curved stretching/shrinking surface. *European Journal of Mechanics, B/Fluids*, **2015**, 51, 61-67	2.4	103

574	Uniform suction/blowing effect on flow and heat transfer due to a stretching cylinder. *Applied Mathematical Modelling*, **2008**, 32, 2059-2066	4.5	102
573	Scrutinization of the effects of Grashof number on the flow of different fluids driven by convection over various surfaces. *Journal of Molecular Liquids*, **2018**, 249, 980-990	6	101
572	Heat transfer over a stretching surface with variable heat flux in micropolar fluids. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2008**, 372, 559-561	2.3	100
571	Natural convection of nanofluid inside a wavy cavity with a non-uniform heating. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 958-980	4.5	99
570	Blasius and Sakiadis problems in nanofluids. *Acta Mechanica*, **2011**, 218, 195-204	2.1	97
569	Stagnation-point flow of an aqueous titania-copper hybrid nanofluid toward a wavy cylinder. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2018**, 28, 1716-1735	4.5	96
568	Energy storage system based on nanoparticle-enhanced phase change material inside porous medium. *International Journal of Thermal Sciences*, **2015**, 91, 49-58	4.1	96
567	Stagnation-point flow over a stretching/shrinking sheet in a nanofluid. *Nanoscale Research Letters*, **2011**, 6, 623	5	95
566	Flow and heat transfer at a general three-dimensional stagnation point in a nanofluid. *Physica B: Condensed Matter*, **2010**, 405, 4914-4918	2.8	95
565	Effect of sinusoidal wavy bottom surface on mixed convection heat transfer in a lid-driven cavity. *International Journal of Heat and Mass Transfer*, **2007**, 50, 1771-1780	4.9	94
564	Free convection in a partially heated wavy porous cavity filled with a nanofluid under the effects of Brownian diffusion and thermophoresis. *Applied Thermal Engineering*, **2017**, 113, 413-418	5.8	91
563	Flow and heat transfer characteristics on a moving plate in a nanofluid. *International Journal of Heat and Mass Transfer*, **2012**, 55, 642-648	4.9	91
562	Mixed convection boundary layer flow and heat transfer over a vertical plate embedded in a porous medium filled with a suspension of nano-encapsulated phase change materials. *Journal of Molecular Liquids*, **2019**, 293, 111432	6	88
561	Mixed convection stagnation point flow past a vertical flat plate with a second order slip: Heat flux case. *International Journal of Heat and Mass Transfer*, **2013**, 65, 102-109	4.9	88
560	Series solutions of unsteady three-dimensional MHD flow and heat transfer in the boundary layer over an impulsively stretching plate. *European Journal of Mechanics, B/Fluids*, **2007**, 26, 15-27	2.4	88
559	Boundary Layer Flow over a Continuously Moving Thin Needle in a Parallel Free Stream. *Chinese Physics Letters*, **2007**, 24, 2895-2897	1.8	87
558	Local thermal non-equilibrium analysis of conjugate free convection within a porous enclosure occupied with Ag-MgO hybrid nanofluid. *Journal of Thermal Analysis and Calorimetry*, **2019**, 135, 1381-1398	4.1	86
557	Boundary layer flow past a stretching/shrinking surface beneath an external uniform shear flow with a convective surface boundary condition in a nanofluid. *Nanoscale Research Letters*, **2011**, 6, 314	5	86

556	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	3.5	86
555	Boundary layer stagnation-point flow and heat transfer over an exponentially stretching/shrinking sheet in a nanofluid. *International Journal of Heat and Mass Transfer*, **2012**, 55, 8122-8128	4.9	80
554	Effect of thermal dispersion on transient natural convection in a wavy-walled porous cavity filled with a nanofluid: Tiwari and Das nanofluid model. *International Journal of Heat and Mass Transfer*, **2016**, 92, 1053-1060	4.9	79
553	Free convection in a parallelogrammic porous cavity filled with a nanofluid using Tiwari and Das' nanofluid model. *PLoS ONE*, **2015**, 10, e0126486	3.7	78
552	Analysis of Entropy Generation in Natural Convection of Nanofluid inside a Square Cavity Having Hot Solid Block: Tiwari and Das Model. *Entropy*, **2016**, 18, 9	2.8	78
551	Convective Flow and Heat Transfer from Wavy Surfaces		77
550	Hybrid nanofluid flow and heat transfer over a nonlinear permeable stretching/shrinking surface. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 29, 3110-3127	4.5	76
549	Free convection of copper water nanofluid in a porous gap between hot rectangular cylinder and cold circular cylinder under the effect of inclined magnetic field. *Journal of Thermal Analysis and Calorimetry*, **2019**, 135, 1171-1184	4.1	76
548	Vertical Free Convective Boundary-Layer Flow in a Porous Medium Using a Thermal Nonequilibrium Model. *Journal of Porous Media*, **2000**, 3, 31-44	2.9	76
547	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	4.5	75
546	Falkner-Skan equation for flow past a moving wedge with suction or injection. *Journal of Applied Mathematics and Computing*, **2007**, 25, 67-83	1.8	74
545	MHD flow and heat transfer near stagnation point over a stretching/shrinking surface with partial slip and viscous dissipation: Hybrid nanofluid versus nanofluid. *Powder Technology*, **2020**, 367, 192-205	5.2	73
544	Entropy generation between two vertical cylinders in the presence of MHD flow subjected to constant wall temperature. *International Communications in Heat and Mass Transfer*, **2013**, 44, 87-92	5.8	73
543	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	6.1	71
542	Irreversibility analysis of a vertical annulus using TiO2/water nanofluid with MHD flow effects. *International Journal of Heat and Mass Transfer*, **2013**, 64, 671-679	4.9	70
541	Natural Convection from a Discrete Heater in a Square Cavity Filled with a Porous Medium. *Journal of Porous Media*, **2005**, 8, 55-64	2.9	70
540	Fully developed mixed convection flow in a horizontal channel filled by a nanofluid containing both nanoparticles and gyrotactic microorganisms. *European Journal of Mechanics, B/Fluids*, **2014**, 46, 37-45	2.4	68
539	Fully developed mixed convection flow of a nanofluid through an inclined channel filled with a porous medium. *International Journal of Heat and Mass Transfer*, **2012**, 55, 907-914	4.9	68

538	MHD thermogravitational convection and thermal radiation of a micropolar nanoliquid in a porous chamber. *International Communications in Heat and Mass Transfer*, **2020**, 110, 104409	5.8	67
537	Mixed convection of a hybrid nanofluid flow along a vertical surface embedded in a porous medium. *International Communications in Heat and Mass Transfer*, **2020**, 114, 104565	5.8	65
536	Visualization of natural convection heat transport using heatline method in porous non-isothermally heated triangular cavity. *International Journal of Heat and Mass Transfer*, **2008**, 51, 5040-5051	4.9	65
535	MHD flow and heat transfer over a permeable stretching/shrinking sheet in a hybrid nanofluid with a convective boundary condition. *International Journal of Numerical Methods for Heat and Fluid Flow* , **2019**, 29, 3012-3038	4.5	65
534	MHD mixed convection flow near the stagnation-point on a vertical permeable surface. *Physica A: Statistical Mechanics and Its Applications*, **2010**, 389, 40-46	3.3	63
533	Magnetohydrodynamic (MHD) flow of a micropolar fluid towards a stagnation point on a vertical surface. *Computers and Mathematics With Applications*, **2008**, 56, 3188-3194	2.7	63
532	Boundary layer flow and heat transfer over a nonlinearly permeable stretching/shrinking sheet in a nanofluid. *Scientific Reports*, **2014**, 4, 4404	4.9	62
531	A heatline analysis of natural convection in a square inclined enclosure filled with a CuO nanofluid under non-uniform wall heating condition. *International Journal of Heat and Mass Transfer*, **2012**, 55, 5076-5086	4.9	62
530	Melting heat transfer in steady laminar flow over a moving surface. *Heat and Mass Transfer*, **2010**, 46, 463-468	2.2	62
529	Dual solutions in mixed convection flow near a stagnation point on a vertical porous plate. *International Journal of Thermal Sciences*, **2008**, 47, 417-422	4.1	62
528	Numerical analysis of natural convection for a porous rectangular enclosure with sinusoidally varying temperature profile on the bottom wall. *International Communications in Heat and Mass Transfer*, **2008**, 35, 56-64	5.8	62
527	Forced convection heat and mass transfer flow of a nanofluid through a porous channel with a first order chemical reaction on the wall. *International Communications in Heat and Mass Transfer*, **2013**, 46, 134-141	5.8	61
526	Non-Darcian effects on natural convection heat transfer in a wavy porous enclosure. *International Journal of Heat and Mass Transfer*, **2009**, 52, 1887-1896	4.9	61
525	Unsteady mixed convection boundary layer flow near the stagnation point on a vertical surface in a porous medium. *International Journal of Heat and Mass Transfer*, **2004**, 47, 2681-2688	4.9	61
524	Boundary layer flow past a continuously moving thin needle in a nanofluid. *Applied Thermal Engineering*, **2017**, 114, 58-64	5.8	60
523	Mixed convection flow over a solid sphere embedded in a porous medium filled by a nanofluid containing gyrotactic microorganisms. *International Journal of Heat and Mass Transfer*, **2013**, 62, 647-660	4.9	60
522	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	6.1	59
521	Flow and heat transfer over an unsteady shrinking sheet with suction in nanofluids. *International Journal of Heat and Mass Transfer*, **2012**, 55, 1888-1895	4.9	58

520	MHD boundary layer flow and heat transfer over a stretching sheet with induced magnetic field. *Heat and Mass Transfer*, **2011**, 47, 155-162	2.2	58
519	Natural convection in right-angle porous trapezoidal enclosure partially cooled from inclined wall. *International Communications in Heat and Mass Transfer*, **2009**, 36, 6-15	5.8	58
518	Falkner–Skan problem for a static and moving wedge with prescribed surface heat flux in a nanofluid. *International Communications in Heat and Mass Transfer*, **2011**, 38, 149-153	5.8	58
517	Modeling and optimization of thermal conductivity and viscosity of MnFeO nanofluid under magnetic field using an ANN. *Scientific Reports*, **2017**, 7, 17369	4.9	57
516	Free convection in a triangular cavity filled with a porous medium saturated by a nanofluid. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2015**, 25, 1138-1161	4.5	57
515	Time-dependent natural convection of micropolar fluid in a wavy triangular cavity. *International Journal of Heat and Mass Transfer*, **2017**, 105, 610-622	4.9	54
514	MHD boundary-layer flow of a micropolar fluid past a wedge with constant wall heat flux. *Communications in Nonlinear Science and Numerical Simulation*, **2009**, 14, 109-118	3.7	54
513	Effects of moving lid direction on MHD mixed convection in a linearly heated cavity. *International Journal of Heat and Mass Transfer*, **2012**, 55, 1103-1112	4.9	53
512	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	3.5	52
511	Laminar filmwise condensation of nanofluids over a vertical plate considering nanoparticles migration. *Applied Thermal Engineering*, **2016**, 100, 979-986	5.8	52
510	The boundary layers of an unsteady stagnation-point flow in a nanofluid. *International Journal of Heat and Mass Transfer*, **2012**, 55, 6499-6505	4.9	52
509	Entropy analysis due to conjugate-buoyant flow in a right-angle trapezoidal enclosure filled with a porous medium bounded by a solid vertical wall. *International Journal of Thermal Sciences*, **2009**, 48, 1161-1175	4.1	52
508	Mixed convection in a square vented enclosure filled with a porous medium. *International Journal of Heat and Mass Transfer*, **2006**, 49, 2190-2206	4.9	52
507	Cu-Al2O3/water hybrid nanofluid flow over a permeable moving surface in presence of hydromagnetic and suction effects. *AEJ - Alexandria Engineering Journal*, **2020**, 59, 657-666	6.1	51
506	MHD heat and mass transfer flow over a permeable stretching/shrinking sheet with radiation effect. *Journal of Magnetism and Magnetic Materials*, **2016**, 407, 235-240	2.8	51
505	Unsteady flow due to a contracting cylinder in a nanofluid using Buongiorno's model. *International Journal of Heat and Mass Transfer*, **2014**, 68, 509-513	4.9	51
504	Flow and heat transfer in a nano-liquid film over an unsteady stretching surface. *International Journal of Heat and Mass Transfer*, **2013**, 60, 646-652	4.9	51
503	Micropolar fluid flow towards a stretching/shrinking sheet in a porous medium with suction. *International Communications in Heat and Mass Transfer*, **2012**, 39, 826-829	5.8	51

502	Analysis of first and second laws of thermodynamics between two isothermal cylinders with relative rotation in the presence of MHD flow. *International Journal of Heat and Mass Transfer*, **2012**, 55, 4808-4816	4.9	51
501	Moving wedge and flat plate in a micropolar fluid. *International Journal of Engineering Science*, **2006**, 44, 1225-1236	5.7	51
500	Free convection in a porous wavy cavity filled with a nanofluid using Buongiorno's mathematical model with thermal dispersion effect. *Applied Mathematics and Computation*, **2017**, 299, 1-15	2.7	50
499	Flow and heat transfer characteristics on a moving flat plate in a parallel stream with constant surface heat flux. *Heat and Mass Transfer*, **2009**, 45, 563-567	2.2	50
498	Numerical analysis of natural convection in an inclined trapezoidal enclosure filled with a porous medium. *International Journal of Thermal Sciences*, **2008**, 47, 1316-1331	4.1	50
497	Free convection in a porous horizontal cylindrical annulus with a nanofluid using Buongiorno□ model. *Computers and Fluids*, **2015**, 118, 182-190	2.8	49
496	Magnetohydrodynamic stagnation-point flow towards a stretching/shrinking sheet with slip effects. *International Communications in Heat and Mass Transfer*, **2013**, 47, 68-72	5.8	49
495	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	2.4	48
494	Analysis of mixed convection flow of a nanofluid in a vertical channel with the Buongiorno mathematical model. *International Communications in Heat and Mass Transfer*, **2013**, 44, 15-22	5.8	48
493	Analytic Series Solution for Unsteady Mixed Convection Boundary Layer Flow Near the Stagnation Point on a Vertical Surface in a Porous Medium. *Transport in Porous Media*, **2005**, 61, 365-379	3.1	48
492	Free-convective flow of copper/water nanofluid about a rotating down-pointing cone using Tiwari-Das nanofluid scheme. *Advanced Powder Technology*, **2017**, 28, 900-909	4.6	47
491	Flow and heat transfer of magnetohydrodynamic three-dimensional Maxwell nanofluid over a permeable stretching/shrinking surface with convective boundary conditions. *International Journal of Mechanical Sciences*, **2017**, 124-125, 166-173	5.5	47
490	Flow and heat transfer along a permeable stretching/shrinking curved surface in a hybrid nanofluid. *Physica Scripta*, **2019**, 94, 105219	2.6	47
489	Flow and heat transfer over an unsteady shrinking sheet with suction in a nanofluid using Buongiorno's model. *International Communications in Heat and Mass Transfer*, **2013**, 43, 75-80	5.8	47
488	MHD natural convection and entropy analysis of a nanofluid inside T-shaped baffled enclosure. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2018**, 28, 2916-2941	4.5	47
487	Buongiorno□ model for double-diffusive mixed convective stagnation-point flow of a nanofluid considering diffusiophoresis effect of binary base fluid. *Advanced Powder Technology*, **2015**, 26, 1423-1434	4.6	46
486	MHD flow and heat transfer over a radially stretching/shrinking disk. *Chinese Journal of Physics*, **2018**, 56, 58-66	3.5	46
485	Natural convection of a hybrid nanofluid subjected to non-uniform magnetic field within porous medium including circular heater. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 29, 1211-1231	4.5	45

484	A novel hybridity model for TiO-CuO/water hybrid nanofluid flow over a static/moving wedge or corner. *Scientific Reports*, **2019**, 9, 16290	4.9	45
483	Effects of magnetic field and thermal radiation on stagnation flow and heat transfer of nanofluid over a shrinking surface. *International Communications in Heat and Mass Transfer*, **2014**, 53, 50-55	5.8	45
482	Boundary Layer on a Moving Wall with Suction and Injection. *Chinese Physics Letters*, **2007**, 24, 2274-2276	1.8	45
481	Rotating flow over an exponentially shrinking sheet with suction. *Journal of Molecular Liquids*, **2015**, 211, 965-969	6	44
480	Natural convection of micropolar fluid in a wavy differentially heated cavity. *Journal of Molecular Liquids*, **2016**, 221, 518-525	6	44
479	Unsteady MHD flow and heat transfer near stagnation point over a stretching/shrinking sheet in porous medium filled with a nanofluid. *Chinese Physics B*, **2014**, 23, 048203	1.2	44
478	Effects of cavity and heat source aspect ratios on natural convection of a nanofluid in a C-shaped cavity using Lattice Boltzmann method. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2018**, 28, 1930-1955	4.5	44
477	Stagnation point flow and heat transfer over a stretching/shrinking sheet in a porous medium. *International Communications in Heat and Mass Transfer*, **2011**, 38, 1029-1032	5.8	43
476	Unsteady stagnation flow and heat transfer towards a shrinking sheet. *International Communications in Heat and Mass Transfer*, **2010**, 37, 1440-1446	5.8	43
475	Natural convection in a differentially heated enclosure filled with a micropolar fluid. *International Journal of Thermal Sciences*, **2007**, 46, 963-969	4.1	43
474	Axisymmetric mixed convective stagnation-point flow of a nanofluid over a vertical permeable cylinder by Tiwari-Das nanofluid model. *Powder Technology*, **2017**, 311, 147-156	5.2	42
473	Investigation of natural convection in triangular enclosure filled with porous medi saturated with water near 4 °C. *Energy Conversion and Management*, **2009**, 50, 1473-1480	10.6	42
472	Hybrid nanofluid flow induced by an exponentially shrinking sheet. *Chinese Journal of Physics*, **2020**, 68, 468-482	3.5	42
471	Hybrid nanofluid flow and heat transfer past a vertical thin needle with prescribed surface heat flux. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 29, 4875-4894	4.5	42
470	MHD natural convection of Cu/H2O nanofluid in a horizontal semi-cylinder with a local triangular heater. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2018**, 28, 2979-2996	4.5	42
469	Numerical exploration of a non-Newtonian Carreau fluid flow driven by catalytic surface reactions on an upper horizontal surface of a paraboloid of revolution, buoyancy and stretching at the free stream. *AEJ - Alexandria Engineering Journal*, **2017**, 56, 647-658	6.1	41
468	Hybrid nanofluid flow towards a stagnation point on a stretching/shrinking cylinder. *Scientific Reports*, **2020**, 10, 9296	4.9	41
467	Mixed convection flow over an exponentially stretching/shrinking vertical surface in a hybrid nanofluid. *AEJ - Alexandria Engineering Journal*, **2020**, 59, 1881-1891	6.1	41

466	The effects of transpiration on the flow and heat transfer over a moving permeable surface in a parallel stream. *Chemical Engineering Journal*, **2009**, 148, 63-67	14.7	41
465	Homotopy analysis method for unsteady mixed convective stagnation-point flow of a nanofluid using Tiwari-Das nanofluid model. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2016**, 26, 40-62	4.5	40
464	Stability analysis of magnetohydrodynamic stagnation-point flow toward a stretching/shrinking sheet. *Computers and Fluids*, **2014**, 102, 94-98	2.8	40
463	Boundary-layer flow of a micropolar fluid on a continuous moving or fixed surface. *Canadian Journal of Physics*, **2006**, 84, 399-410	1.1	40
462	Free convection in a trapezoidal cavity filled with a micropolar fluid. *International Journal of Heat and Mass Transfer*, **2016**, 99, 831-838	4.9	40
461	Stagnation-point flow and heat transfer over an exponentially stretching/shrinking cylinder. *Journal of the Taiwan Institute of Chemical Engineers*, **2017**, 74, 65-72	5.3	39
460	Mixed Convective Stagnation Point Flow towards a Vertical Riga Plate in Hybrid Cu-Al2O3/Water Nanofluid. *Mathematics*, **2020**, 8, 912	2.3	39
459	Flow and heat transfer of Powell–Eyring fluid over a shrinking surface in a parallel free stream. *International Journal of Heat and Mass Transfer*, **2014**, 71, 321-327	4.9	39
458	Stagnation-Point Flow Toward a Stretching/Shrinking Sheet in a Nanofluid Containing Both Nanoparticles and Gyrotactic Microorganisms. *Journal of Heat Transfer*, **2014**, 136,	1.8	39
457	Numerical analysis of natural convection heat transfer in a horizontal annulus partially filled with a fluid-saturated porous substrate. *International Journal of Heat and Mass Transfer*, **2008**, 51, 1613-1627	4.9	39
456	Unsteady hybrid nanofluid flow over a radially permeable shrinking/stretching surface. *Journal of Molecular Liquids*, **2021**, 331, 115752	6	39
455	Unsteady MHD flow and heat transfer over a shrinking sheet with ohmic heating. *Chinese Journal of Physics*, **2017**, 55, 1626-1636	3.5	38
454	Sensitivity analysis for MHD effects and inclination angles on natural convection heat transfer and entropy generation of Al2O3-water nanofluid in square cavity by Response Surface Methodology. *International Communications in Heat and Mass Transfer*, **2016**, 79, 46-57	5.8	38
453	Unsteady boundary layer flow of a nanofluid past a moving surface in an external uniform free stream using Buongiorno's model. *Computers and Fluids*, **2014**, 95, 49-55	2.8	38
452	The magnetohydrodynamic stagnation point flow of a nanofluid over a stretching/shrinking sheet with suction. *PLoS ONE*, **2015**, 10, e0117733	3.7	38
451	Natural convection heat transfer in a partially opened cavity filled with porous media. *International Journal of Heat and Mass Transfer*, **2011**, 54, 2253-2261	4.9	38
450	Homotopy analysis method for mixed convective boundary layer flow of a nanofluid over a vertical circular cylinder. *Thermal Science*, **2015**, 19, 549-561	1.2	38
449	Mixed convection and stability analysis of stagnation-point boundary layer flow and heat transfer of hybrid nanofluids over a vertical plate. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 30, 3737-3754	4.5	38

448	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	3.5	37
447	Tiwari-Das nanofluid model for magnetohydrodynamics (MHD) natural-convective flow of a nanofluid adjacent to a spinning down-pointing vertical cone. *Propulsion and Power Research*, **2018**, 7, 78-90	3.6	37
446	Effect of local heater size and position on natural convection in a tilted nanofluid porous cavity using LTNE and Buongiorno's models. *Journal of Molecular Liquids*, **2018**, 266, 19-28	6	37
445	A review on the applications of intelligence methods in predicting thermal conductivity of nanofluids. *Journal of Thermal Analysis and Calorimetry*, **2019**, 138, 827	4.1	36
444	Improvement of drug delivery micro-circulatory system with a novel pattern of CuO-Cu/blood hybrid nanofluid flow towards a porous stretching sheet. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 29, 4408-4429	4.5	36
443	An MHD couple stress fluid due to a perforated sheet undergoing linear stretching with heat transfer. *International Journal of Heat and Mass Transfer*, **2017**, 105, 157-167	4.9	36
442	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	4.5	36
441	Mixed convection boundary layer flow along vertical thin needles in nanofluids. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2014**, 24, 579-594	4.5	35
440	Flow past a permeable stretching/shrinking sheet in a nanofluid using two-phase model. *PLoS ONE*, **2014**, 9, e111743	3.7	35
439	Mixed convection boundary layer flow of a viscoelastic fluid over a horizontal circular cylinder. *International Journal of Non-Linear Mechanics*, **2008**, 43, 814-821	2.8	35
438	Free convection in a square porous cavity filled with a nanofluid using thermal non equilibrium and Buongiorno models. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2016**, 26, 671-693	4.5	35
437	On the stability of the flow and heat transfer over a moving thin needle with prescribed surface heat flux. *Chinese Journal of Physics*, **2019**, 60, 651-658	3.5	34
436	Mixed convection boundary-layer stagnation point flow past a vertical stretching/shrinking surface in a nanofluid. *Applied Thermal Engineering*, **2017**, 115, 1412-1417	5.8	34
435	Dual solutions in mixed convection flow near a stagnation point on a vertical surface in a porous medium. *International Journal of Heat and Mass Transfer*, **2008**, 51, 1150-1155	4.9	34
434	Natural Convection Inside an Inclined Wavy Enclosure Filled with a Porous Medium. *Transport in Porous Media*, **2006**, 64, 229-246	3.1	34
433	Free convection heat transfer of MgO-MWCNTs/EG hybrid nanofluid in a porous complex shaped cavity with MHD and thermal radiation effects. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 29, 4349-4376	4.5	34
432	MHD free convection flow in an inclined square cavity filled with both nanofluids and gyrotactic microorganisms. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 29, 4642-4659	4.5	34
431	Convective heat transfer of micropolar fluid in a horizontal wavy channel under the local heating. *International Journal of Mechanical Sciences*, **2017**, 128-129, 541-549	5.5	33

430	Unsteady Micropolar Fluid over a Permeable Curved Stretching Shrinking Surface. *Mathematical Problems in Engineering*, **2017**, 2017, 1-13	1.1	33
429	Fully developed mixed convection flow in a vertical channel filled with nanofluids. *International Communications in Heat and Mass Transfer*, **2012**, 39, 1086-1092	5.8	33
428	Flow and heat transfer over a generalized stretching/shrinking wall problem: Exact solutions of the Navier–Stokes equations. *International Journal of Non-Linear Mechanics*, **2011**, 46, 1116-1127	2.8	33
427	MHD boundary-layer flow due to a moving extensible surface. *Journal of Engineering Mathematics*, **2008**, 62, 23-33	1.2	33
426	Stability Analysis of MHD Stagnation-point Flow towards a Permeable Stretching/Shrinking Sheet in a Nanofluid with Chemical Reactions Effect **2019**, 48, 243-250		33
425	On the Stability of MHD Boundary Layer Flow over a Stretching/Shrinking Wedge. *Scientific Reports*, **2018**, 8, 13622	4.9	33
424	Unsteady convective heat and mass transfer of a nanofluid in Howarth's stagnation point by Buongiorno's model. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2015**, 25, 1176-1197	4.5	32
423	Maximum density effects on buoyancy-driven convection in a porous trapezoidal cavity. *International Communications in Heat and Mass Transfer*, **2010**, 37, 401-409	5.8	32
422	Mixed Convection to Power-Law Type Non-Newtonian Fluids from a Vertical Wall. *Polymer-Plastics Technology and Engineering*, **1991**, 30, 47-65		32
421	Magnetohydrodynamic Boundary Layer Flow and Heat Transfer of Nanofluids Past a Bidirectional Exponential Permeable Stretching/Shrinking Sheet With Viscous Dissipation Effect. *Journal of Heat Transfer*, **2019**, 141,	1.8	32
420	Magnetohydrodynamics Flow Past a Moving Vertical Thin Needle in a Nanofluid with Stability Analysis. *Energies*, **2018**, 11, 3297	3.1	32
419	A Stability Analysis for Magnetohydrodynamics Stagnation Point Flow with Zero Nanoparticles Flux Condition and Anisotropic Slip. *Energies*, **2019**, 12, 1268	3.1	31
418	Unsteady Three-Dimensional MHD Non-Axisymmetric Homann Stagnation Point Flow of a Hybrid Nanofluid with Stability Analysis. *Mathematics*, **2020**, 8, 784	2.3	31
417	Natural convection combined with thermal radiation in a square cavity filled with a viscoelastic fluid. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2018**, 28, 624-640	4.5	31
416	Free convection in a square cavity filled with a Casson fluid under the effects of thermal radiation and viscous dissipation. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 2318-2332	4.5	31
415	Natural convection in a horizontal cylindrical annulus filled with a porous medium saturated by a nanofluid using Tiwari and Das's nanofluid model. *European Physical Journal Plus*, **2015**, 130, 1	3.1	31
414	Series solutions for steady three-dimensional stagnation point flow of a nanofluid past a circular cylinder with sinusoidal radius variation. *Meccanica*, **2013**, 48, 643-652	2.1	31
413	Boundary layer flow over a moving surface in a nanofluid beneath a uniform free stream. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2011**, 21, 828-846	4.5	31

412	Steady free convection flow within a titled nanofluid saturated porous cavity in the presence of a sloping magnetic field energized by an exothermic chemical reaction administered by Arrhenius kinetics. *International Journal of Heat and Mass Transfer*, **2019**, 129, 198-211	4.9	31
411	Squeezed Hybrid Nanofluid Flow Over a Permeable Sensor Surface. *Mathematics*, **2020**, 8, 898	2.3	30
410	Unsteady stagnation-point flow and heat transfer of a special third grade fluid past a permeable stretching/shrinking sheet. *Scientific Reports*, **2016**, 6, 24632	4.9	30
409	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	3.5	30
408	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	4.5	30
407	Stability analysis of MHD hybrid nanofluid flow over a stretching/shrinking sheet with quadratic velocity. *AEJ - Alexandria Engineering Journal*, **2021**, 60, 915-926	6.1	30
406	Hybrid Nanofluid Flow Past a Permeable Moving Thin Needle. *Mathematics*, **2020**, 8, 612	2.3	29
405	Magnetohydrodynamic rotating flow and heat transfer of ferrofluid due to an exponentially permeable stretching/shrinking sheet. *Journal of Magnetism and Magnetic Materials*, **2018**, 465, 365-374	2.8	29
404	Homotopy analysis method for predicting multiple solutions in the channel flow with stability analysis. *Communications in Nonlinear Science and Numerical Simulation*, **2019**, 66, 183-193	3.7	29
403	Influence of inclination angle on buoyancy-driven convection in triangular enclosure filled with a fluid-saturated porous medium. *Heat and Mass Transfer*, **2008**, 44, 617-624	2.2	29
402	Unsteady mixed convection boundary-layer flow with suction and temperature slip effects near the stagnation point on a vertical permeable surface embedded in a porous medium. *Transport in Porous Media*, **2012**, 92, 1-14	3.1	28
401	Bond between powder type self-compacting concrete and steel reinforcement. *Construction and Building Materials*, **2013**, 41, 824-833	6.7	28
400	MHD Stagnation-Point Flow over a Stretching/Shrinking Sheet in a Micropolar Fluid with a Slip Boundary **2018**, 47, 2907-2916		28
399	Hybrid Nanofluid Slip Flow over an Exponentially Stretching/Shrinking Permeable Sheet with Heat Generation. *Mathematics*, **2021**, 9, 30	2.3	28
398	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	5.8	28
397	Natural convection in a trapezoidal cavity filled with a micropolar fluid under the effect of a local heat source. *International Journal of Mechanical Sciences*, **2017**, 120, 182-189	5.5	27
396	Mixed convection heat transfer in a square porous cavity filled with a nanofluid with suction/injection effect. *Computers and Mathematics With Applications*, **2018**, 76, 2665-2677	2.7	27
395	Unsteady viscous flow over a shrinking cylinder. *Journal of King Saud University - Science*, **2013**, 25, 143-148	3.6	26

394	MHD mixed convection stagnation-point flow of a nanofluid over a vertical permeable surface: a comprehensive report of dual solutions. *Heat and Mass Transfer*, **2014**, 50, 639-650	2.2	26
393	Boundary layer flow over a moving surface in a nanofluid with suction or injection. *Acta Mechanica Sinica/Lixue Xuebao*, **2012**, 28, 34-40	2	26
392	Partial Slip Flow and Heat Transfer over a Stretching Sheet in a Nanofluid. *Mathematical Problems in Engineering*, **2013**, 2013, 1-7	1.1	26
391	Flow and heat transfer of a hybrid nanofluid past a permeable moving surface. *Chinese Journal of Physics*, **2020**, 66, 606-619	3.5	25
390	Melting Effect on Mixed Convection Boundary Layer Flow About a Vertical Surface Embedded in a Porous Medium: Opposing Flows Case. *Transport in Porous Media*, **2014**, 102, 317-323	3.1	25
389	Natural Convection and Entropy Generation in a Square Cavity with Variable Temperature Side Walls Filled with a Nanofluid: Buongiorno's Mathematical Model. *Entropy*, **2017**, 19, 337	2.8	25
388	Fluid–structure interaction analysis of flow and heat transfer characteristics around a flexible microcantilever in a fluidic cell. *International Journal of Heat and Mass Transfer*, **2010**, 53, 1646-1653	4.9	25
387	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	4.5	25
386	Buoyancy effects on the 3D MHD stagnation-point flow of a Newtonian fluid. *Communications in Nonlinear Science and Numerical Simulation*, **2017**, 43, 1-13	3.7	24
385	Natural convection in a partially heated wavy cavity filled with a nanofluid using Buongiorno's nanofluid model. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 924-940	4.5	24
384	Mixed Convection Stagnation-Point Flow of a Nanofluid Past a Permeable Stretching/Shrinking Sheet in the Presence of Thermal Radiation and Heat Source/Sink. *Energies*, **2019**, 12, 788	3.1	24
383	Effect of solid-to-fluid conductivity ratio on mixed convection and entropy generation of a nanofluid in a lid-driven enclosure with a thick wavy wall. *International Journal of Heat and Mass Transfer*, **2018**, 127, 885-900	4.9	24
382	Stagnation-point flow and heat transfer past a permeable quadratically stretching/shrinking sheet. *Chinese Journal of Physics*, **2017**, 55, 2081-2091	3.5	24
381	Fully Developed Forced Convection in a Parallel Plate Channel with a Centered Porous Layer. *Transport in Porous Media*, **2012**, 93, 179-201	3.1	24
380	Mixed convection flow near a non-orthogonal stagnation point towards a stretching vertical plate. *International Journal of Heat and Mass Transfer*, **2007**, 50, 4855-4863	4.9	24
379	Marangoni natural convection in a cubical cavity filled with a nanofluid. *Journal of Thermal Analysis and Calorimetry*, **2019**, 135, 357-369	4.1	24
378	Natural convection in a triangular cavity filled with a micropolar fluid. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 504-515	4.5	23
377	Numerical Study of Mixed Convection Heat Transfer of a Nanofluid in an Eccentric Annulus. *Numerical Heat Transfer; Part A: Applications*, **2014**, 65, 84-105	2.3	23

376	Boundary layer flow and heat transfer over an exponentially shrinking vertical sheet with suction. *International Journal of Thermal Sciences*, **2013**, 64, 264-272	4.1	23
375	Natural convective heat transfer through two entrapped triangular cavities filled with a nanofluid: Buongiorno's mathematical model. *International Journal of Mechanical Sciences*, **2017**, 133, 484-494	5.5	23
374	Dual solutions in mixed convection boundary layer flow of micropolar fluids. *Communications in Nonlinear Science and Numerical Simulation*, **2009**, 14, 1324-1333	3.7	23
373	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	2.3	23
372	Heat generation/absorption effect on MHD flow of hybrid nanofluid over bidirectional exponential stretching/shrinking sheet. *Chinese Journal of Physics*, **2021**, 69, 118-133	3.5	23
371	Flow and heat transfer past a permeable power-law deformable plate with orthogonal shear in a hybrid nanofluid. *AEJ - Alexandria Engineering Journal*, **2020**, 59, 1869-1879	6.1	22
370	Thermal Radiation and MHD Effects in the Mixed Convection Flow of Fe3O4–Water Ferrofluid towards a Nonlinearly Moving Surface. *Processes*, **2020**, 8, 95	2.9	22
369	Three-dimensional flow of a nanofluid over a permeable stretching/shrinking surface with velocity slip: A revised model. *Physics of Fluids*, **2018**, 30, 033604	4.4	22
368	Flow and heat transfer at a stagnation-point over an exponentially shrinking vertical sheet with suction. *International Journal of Thermal Sciences*, **2014**, 75, 164-170	4.1	22
367	Boundary Layer Stagnation-Point Flow Toward a Stretching/Shrinking Sheet in a Nanofluid. *Journal of Heat Transfer*, **2013**, 135,	1.8	22
366	Unsteady mixed convection flow of a nanofluid near orthogonal stagnation point on a vertical permeable surface. *Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering*, **2014**, 228, 226-237	1.5	22
365	Analytical prediction of multiple solutions for MHD Jeffery–Hamel flow and heat transfer utilizing KKL nanofluid model. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2019**, 383, 176-185	2.3	22
364	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	4.5	22
363	Oblique stagnation slip flow of a micropolar fluid towards a stretching/shrinking surface: A stability analysis. *Chinese Journal of Physics*, **2018**, 56, 3062-3072	3.5	22
362	The influence of thermal radiation on unsteady free convection in inclined enclosures filled by a nanofluid with sinusoidal boundary conditions. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2018**, 28, 1738-1753	4.5	22
361	MHD Natural Convective Flow in an Isosceles Triangular Cavity Filled with Porous Medium due to Uniform/Non-Uniform Heated Side Walls. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2015**, 70, 919-928	1.4	21
360	Stability Analysis of Mixed Convection Flow towards a Moving Thin Needle in Nanofluid. *Applied Sciences (Switzerland)*, **2018**, 8, 842	2.6	21
359	Stagnation point flow toward a stretching/shrinking sheet with a convective surface boundary condition. *Journal of the Franklin Institute*, **2013**, 350, 2736-2744	4	21

358	Mixed convection boundary layer flow over a vertical surface embedded in a thermally stratified porous medium. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2008**, 372, 2355-2358	2.3	21
357	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	2.8	21
356	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	5.8	21
355	Effects of nanoparticles migration on heat transfer enhancement at film condensation of nanofluids over a vertical cylinder. *Advanced Powder Technology*, **2016**, 27, 1941-1948	4.6	21
354	Entropy generation of MHD nanofluid inside an inclined wavy cavity by lattice Boltzmann method. *Journal of Thermal Analysis and Calorimetry*, **2019**, 135, 283-303	4.1	21
353	Unsteady conjugate natural convection in a porous cavity boarded by two vertical finite thickness walls. *International Communications in Heat and Mass Transfer*, **2017**, 81, 218-228	5.8	20
352	Effects of uniform magnetic field on the natural convection of Cu□water nanofluid in a triangular cavity. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 334-357	4.5	20
351	Natural Convection Boundary Layer Flow over a Horizontal Plate Embedded in a Porous Medium Saturated with a Nanofluid: Case of Variable Thermophysical Properties. *Transport in Porous Media*, **2015**, 107, 153-170	3.1	20
350	Semi-analytical solution for the flow of a nanofluid over a permeable stretching/shrinking sheet with velocity slip using Buongiorno□ mathematical model. *European Journal of Mechanics, B/Fluids*, **2016**, 58, 39-49	2.4	20
349	Natural convection in a rectangular cavity filled with nanofluids. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2018**, 28, 1410-1432	4.5	20
348	Boundary layer flow and heat transfer past a permeable shrinking surface embedded in a porous medium with a second-order slip: A stability analysis. *Applied Thermal Engineering*, **2017**, 115, 1407-1411	5.8	20
347	Moving wedge and flat plate in a power-law fluid. *International Journal of Non-Linear Mechanics*, **2011**, 46, 1017-1021	2.8	20
346	Hiemenz flow over a shrinking sheet in a hybrid nanofluid. *Results in Physics*, **2020**, 19, 103351	3.7	20
345	Natural convection of an alumina-water nanofluid inside an inclined wavy-walled cavity with a non-uniform heating using Tiwari and Das□nanofluid model. *Applied Mathematics and Mechanics (English Edition)*, **2018**, 39, 1425-1436	3.2	20
344	Thermogravitational Convection of Hybrid Nanofluid in a Porous Chamber with a Central Heat-Conducting Body. *Symmetry*, **2020**, 12, 593	2.7	19
343	Oblique stagnation-point flow of a nanofluid past a shrinking sheet. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2016**, 26, 189-213	4.5	19
342	NON-NEWTONIAN POWER-LAW FLUID FLOW PAST A SHRINKING SHEET WITH SUCTION. *Chemical Engineering Communications*, **2012**, 199, 142-150	2.2	19
341	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	5.8	19

340	Stability analysis on the flow and heat transfer of nanofluid past a stretching/shrinking cylinder with suction effect. *Results in Physics*, **2018**, 9, 1335-1344	3.7	19
339	MHD mixed convection flow and heat transfer in an open C-shaped enclosure using water-copper oxide nanofluid. *Heat and Mass Transfer*, **2018**, 54, 1791-1801	2.2	18
338	Effects of nanoparticles dispersion on the mixed convection of a nanofluid in a skewed enclosure. *International Journal of Heat and Mass Transfer*, **2018**, 125, 908-919	4.9	18
337	Analysis of heat transfer in nanofluid past a convectively heated permeable stretching/shrinking sheet with regression and stability analyses. *Results in Physics*, **2018**, 10, 395-405	3.7	18
336	Mixed Convection Boundary-Layer Flow Along a Vertical Cylinder Embedded in a Porous Medium Filled by a Nanofluid. *Transport in Porous Media*, **2013**, 96, 237-253	3.1	18
335	Stagnation-point flow past a shrinking sheet in a nanofluid. *Open Physics*, **2011**, 9,	1.3	18
334	Mixed convection boundary layer flow over a horizontal circular cylinder with Newtonian heating. *Heat and Mass Transfer*, **2010**, 46, 1411-1418	2.2	18
333	Flow, Thermal, Energy Transfer, and Entropy Generation Characteristics Inside Wavy Enclosures Filled With Microstructures. *Journal of Heat Transfer*, **2007**, 129, 1564-1575	1.8	18
332	A Stability Analysis of Solutions in Boundary Layer Flow and Heat Transfer of Carbon Nanotubes over a Moving Plate with Slip Effect. *Energies*, **2018**, 11, 3243	3.1	18
331	Entropy generation analysis for radiative heat transfer to B□ewadt slip flow subject to strong wall suction. *European Journal of Mechanics, B/Fluids*, **2018**, 72, 179-188	2.4	18
330	Triple-Diffusive Mixed Convection in a Porous Open Cavity. *Transport in Porous Media*, **2017**, 116, 473-491	3.1	17
329	Mixed convection flow from a horizontal circular cylinder embedded in a porous medium filled by a nanofluid: Buongiorno□Darcy model. *International Journal of Thermal Sciences*, **2014**, 84, 21-33	4.1	17
328	Effect of an Inserted Porous Layer Located at a Wall of a Parallel Plate Channel on Forced Convection Heat Transfer. *Transport in Porous Media*, **2013**, 98, 35-57	3.1	17
327	Three-dimensional mixed convection stagnation-point flow over a permeable vertical stretching/shrinking surface with a velocity slip. *Chinese Journal of Physics*, **2017**, 55, 1865-1882	3.5	17
326	Fully Developed Forced Convection Heat Transfer in a Porous Channel with Asymmetric Heat Flux Boundary Conditions. *Transport in Porous Media*, **2011**, 90, 791-806	3.1	17
325	Conjugate free convection from a circular cylinder in a porous medium. *International Journal of Heat and Mass Transfer*, **1992**, 35, 3105-3113	4.9	17
324	Thermal Marangoni Flow Past a Permeable Stretching/Shrinking Sheet in a Hybrid Cu-Al2O3/Water Nanofluid **2020**, 49, 211-222		17
323	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	5.8	17

322	Dual solutions of bioconvection hybrid nanofluid flow due to gyrotactic microorganisms towards a vertical plate. *Chinese Journal of Physics*, **2021**, 72, 461-474	3.5	17
321	Slip effects on the unsteady radiative MHD free convection flow over a moving plate with mass diffusion and heat source. *European Physical Journal Plus*, **2015**, 130, 1	3.1	16
320	Mixed convection boundary layer flow past a vertical flat plate embedded in a non-Darcy porous medium saturated by a nanofluid. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2014**, 24, 970-987	4.5	16
319	Boundary layer flow past a permeable shrinking sheet in a micropolar fluid with a second order slip flow model. *European Journal of Mechanics, B/Fluids*, **2014**, 48, 115-122	2.4	16
318	Constant heat flux solution for mixed convection boundary layer viscoelastic fluid. *Heat and Mass Transfer*, **2013**, 49, 163-171	2.2	16
317	MHD flow and heat transfer over stretching/shrinking sheets with external magnetic field, viscous dissipation and Joule effects. *Canadian Journal of Chemical Engineering*, **2012**, 90, 1336-1346	2.3	16
316	Linear and nonlinear double diffusive convection in a rotating sparsely packed porous layer using a thermal non-equilibrium model. *Continuum Mechanics and Thermodynamics*, **2009**, 21, 317-339	3.5	16
315	Mixed Convection Boundary Layer Flow Near the Stagnation Point on a Vertical Surface Embedded in a Porous Medium with Anisotropy Effect. *Transport in Porous Media*, **2010**, 82, 363-373	3.1	16
314	MHD mixed convection flow adjacent to a vertical plate with prescribed surface temperature. *International Journal of Heat and Mass Transfer*, **2010**, 53, 4506-4510	4.9	16
313	UNSTEADY FREE CONVECTION IN A SQUARE POROUS CAVITY SATURATED WITH NANOFLUID: THE CASE OF LOCAL THERMAL NONEQUILIBRIUM AND BUONGIORNO'S MATHEMATICAL MODELS. *Journal of Porous Media*, **2017**, 20, 999-1016	2.9	16
312	Boundary Layer Flow and Heat Transfer over a Permeable Exponentially Stretching/Shrinking Sheet with Generalized Slip Velocity. *Journal of Applied Fluid Mechanics*, **2016**, 9, 2025-2036	1.5	16
311	Melting heat transfer in hybrid nanofluid flow along a moving surface. *Journal of Thermal Analysis and Calorimetry*, **2020**, 1	4.1	16
310	Unsteady Stagnation Point Flow of Hybrid Nanofluid Past a Convectively Heated Stretching/Shrinking Sheet with Velocity Slip. *Mathematics*, **2020**, 8, 1649	2.3	16
309	Non-equilibrium natural convection in a differentially-heated nanofluid cavity partially filled with a porous medium. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 29, 2524-2544	4.5	16
308	Mixed Convective Flow and Heat Transfer of a Dual Stratified Micropolar Fluid Induced by a Permeable Stretching/Shrinking Sheet. *Entropy*, **2019**, 21, 1162	2.8	16
307	Unsteady squeezing flow of Cu-AlO/water hybrid nanofluid in a horizontal channel with magnetic field. *Scientific Reports*, **2021**, 11, 14128	4.9	16
306	Marangoni hybrid nanofluid flow over a permeable infinite disk embedded in a porous medium. *International Communications in Heat and Mass Transfer*, **2021**, 126, 105421	5.8	16
305	Shape factor effect of radiative Cu–Al2O3/H2O hybrid nanofluid flow towards an EMHD plate. *Case Studies in Thermal Engineering*, **2021**, 26, 101199	5.6	16

304	Unsteady general solution for MHD natural convection flow with radiative effects, heat source and shear stress on the boundary. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 1266-1281	4.5	15
303	Study of heat transfer in water-Cu nanofluid saturated porous medium through two entrapped trapezoidal cavities under the influence of magnetic field. *Journal of Molecular Liquids*, **2017**, 240, 402-411	6	15
302	Unsteady MHD rear stagnation-point flow over off-centred deformable surfaces. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 1554-1570	4.5	15
301	The effect of vertical throughflow on the boundary layer flow of a nanofluid past a stretching/shrinking sheet. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 1910-1927	4.5	15
300	Design of a vertical annulus with MHD flow using entropy generation analysis. *Thermal Science*, **2013**, 17, 1013-1022	1.2	15
299	Effect of the source term on steady free convection boundary layer flows over a vertical plate in a porous medium. Part II. *Transport in Porous Media*, **2007**, 67, 189-201	3.1	15
298	Hybrid nanofluid flow and heat transfer over a permeable biaxial stretching/shrinking sheet. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 30, 3497-3513	4.5	15
297	Triple-Diffusive Natural Convection in a Square Porous Cavity. *Transport in Porous Media*, **2016**, 111, 59-79	3.1	14
296	MHD-mixed convection flow in a lid-driven trapezoidal cavity under uniformly/non-uniformly heated bottom wall. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 1231-1248	4.5	14
295	A dissipative particle dynamics two-component nanofluid heat transfer model: Application to natural convection. *International Journal of Heat and Mass Transfer*, **2019**, 133, 1086-1098	4.9	14
294	Natural convective heat transfer and nanofluid flow in a cavity with top wavy wall and corner heater. *Journal of Hydrodynamics*, **2016**, 28, 873-885	3.3	14
293	Note on Cortell's non-linearly stretching permeable sheet. *International Journal of Heat and Mass Transfer*, **2012**, 55, 5846-5852	4.9	14
292	MHD convective flow adjacent to a vertical surface with prescribed wall heat flux. *International Communications in Heat and Mass Transfer*, **2009**, 36, 554-557	5.8	14
291	Conjugate free convection over a vertical slender hollow cylinder embedded in a porous medium. *Heat and Mass Transfer*, **2000**, 36, 375-379	2.2	14
290	Merkin and Needham wall jet problem for hybrid nanofluids with thermal energy. *European Journal of Mechanics, B/Fluids*, **2020**, 83, 195-204	2.4	14
289	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	4.5	14
288	Experimental study on local bond stress-slip relationship in self-compacting concrete. *Materials and Structures/Materiaux Et Constructions*, **2016**, 49, 3693-3711	3.4	14
287	Unsteady viscous MHD flow over a permeable curved stretching/shrinking sheet. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2016**, 26, 2370-2392	4.5	14

286	Numerical modeling of Glauert type exponentially decaying wall jet flows of nanofluids using Tiwari and Das nanofluid model. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 29, 1010-1038	4.5	14
285	Stability analysis on the stagnation-point flow and heat transfer over a permeable stretching/shrinking sheet with heat source effect. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2018**, 28, 2650-2663	4.5	14
284	Three-Dimensional Magnetohydrodynamic Mixed Convection Flow of Nanofluids over a Nonlinearly Permeable Stretching/Shrinking Sheet with Velocity and Thermal Slip. *Applied Sciences (Switzerland)*, **2018**, 8, 1128	2.6	14
283	Magnetohydrodynamics (MHD) boundary layer flow of hybrid nanofluid over a moving plate with Joule heating. *AEJ - Alexandria Engineering Journal*, **2021**,	6.1	14
282	Axisymmetric stagnation-point flow and heat transfer due to a stretching/shrinking vertical plate with surface second-order velocity slip. *Meccanica*, **2017**, 52, 139-151	2.1	13
281	Flow and heat transfer past a permeable nonlinearly stretching/shrinking sheet in a nanofluid: A revised model with stability analysis. *Journal of Molecular Liquids*, **2017**, 233, 211-221	6	13
280	Unsteady flow and heat transfer past a permeable stretching/shrinking sheet in a nanofluid: A revised model with stability and regression analyses. *Journal of Molecular Liquids*, **2018**, 261, 550-564	6	13
279	Fluid flow driven along microchannel by its upper stretching wall with electrokinetic effects. *Applied Mathematics and Mechanics (English Edition)*, **2018**, 39, 395-408	3.2	13
278	Mixed convection stagnation flow towards a vertical shrinking sheet. *International Journal of Heat and Mass Transfer*, **2014**, 73, 839-848	4.9	13
277	Stability analysis of impinging oblique stagnation-point flow over a permeable shrinking surface in a viscoelastic fluid. *International Journal of Mechanical Sciences*, **2017**, 131-132, 663-671	5.5	13
276	Non-alignment stagnation-point flow of a nanofluid past a permeable stretching/shrinking sheet: Buongiorno's model. *Scientific Reports*, **2015**, 5, 14640	4.9	13
275	Magnetohydrodynamic stagnation point flow toward stretching/shrinking permeable plate in porous medium filled with a nanofluid. *Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering*, **2014**, 228, 309-319	1.5	13
274	Flow and heat transfer of a second-grade hybrid nanofluid over a permeable stretching/shrinking sheet. *European Physical Journal Plus*, **2020**, 135, 1	3.1	13
273	Flow and heat transfer of hybrid nanofluid induced by an exponentially stretching/shrinking curved surface. *Case Studies in Thermal Engineering*, **2021**, 25, 100982	5.6	13
272	Impacts of Non-Uniform Border Temperature Variations on Time-Dependent Nanofluid Free Convection within a Trapezium: Buongiorno's Nanofluid Model. *Energies*, **2019**, 12, 1461	3.1	12
271	Double-Diffusive Natural Convection in a Differentially Heated Wavy Cavity Under Thermophoresis Effect. *Journal of Thermophysics and Heat Transfer*, **2018**, 32, 1045-1058	1.3	12
270	A Stability Analysis on Mixed Convection Boundary Layer Flow along a Permeable Vertical Cylinder in a Porous Medium Filled with a Nanofluid and Thermal Radiation. *Applied Sciences (Switzerland)*, **2018**, 8, 483	2.6	12
269	Axisymmetric rotational stagnation-point flow impinging on a permeable stretching/shrinking rotating disk. *European Journal of Mechanics, B/Fluids*, **2018**, 72, 275-292	2.4	12

268	MHD Stagnation-Point Flow and Heat Transfer with Effects of Viscous Dissipation, Joule Heating and Partial Velocity Slip. *Scientific Reports*, **2015**, 5, 17848	4.9	12
267	A similarity solution for the flow and heat transfer over a moving permeable flat plate in a parallel free stream. *Heat and Mass Transfer*, **2011**, 47, 1643-1649	2.2	12
266	Effects of wall conduction on natural convection in a porous triangular enclosure. *Acta Mechanica*, **2008**, 200, 155-165	2.1	12
265	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	5.6	12
264	Numerical Computation of Dusty Hybrid Nanofluid Flow and Heat Transfer over a Deformable Sheet with Slip Effect. *Mathematics*, **2021**, 9, 643	2.3	12
263	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*, **2019**, 30, 1345-1364	4.5	12
262	Impact of heat generation/absorption on the unsteady magnetohydrodynamic stagnation point flow and heat transfer of nanofluids. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 30, 557-574	4.5	12
261	Convective heat transfer in a rotating nanofluid cavity with sinusoidal temperature boundary condition. *Journal of Thermal Analysis and Calorimetry*, **2019**, 137, 799-809	4.1	12
260	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	4.5	12
259	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	1.5	12
258	Nanoparticle migration effects at film boiling of nanofluids over a vertical plate. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 471-485	4.5	11
257	Stagnation point flow and heat transfer past a permeable stretching/shrinking Riga plate with velocity slip and radiation effects. *Journal of Zhejiang University: Science A*, **2019**, 20, 290-299	2.1	11
256	Mixed Convection Boundary Layer Flow Embedded in a Thermally Stratified Porous Medium Saturated by a Nanofluid. *Advances in Mechanical Engineering*, **2013**, 5, 121943	1.2	11
255	Symmetrical solutions of hybrid nanofluid stagnation-point flow in a porous medium. *International Communications in Heat and Mass Transfer*, **2022**, 130, 105804	5.8	11
254	Mixed convective stagnation point flow of a hybrid nanofluid toward a vertical cylinder. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2021**, ahead-of-print,	4.5	11
253	Hybrid Nanofluid Flow over a Permeable Non-Isothermal Shrinking Surface. *Mathematics*, **2021**, 9, 538	2.3	11
252	Mixed convection boundary layer flow past a vertical cone embedded in a porous medium subjected to a convective boundary condition. *Propulsion and Power Research*, **2016**, 5, 118-122	3.6	11
251	Numerical study of forced convection flow and heat transfer of a nanofluid flowing inside a straight circular pipe filled with a saturated porous medium. *European Physical Journal Plus*, **2016**, 131, 1	3.1	11

250	Effects of dissolved solute on unsteady double-diffusive mixed convective flow of a Buongiorno's two-component nonhomogeneous nanofluid. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 29, 448-466	4.5	11
249	Nanofluid flow by a permeable stretching/shrinking cylinder. *Heat and Mass Transfer*, **2020**, 56, 547-557	2.2	11
248	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	4.5	11
247	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	4.5	11
246	Stagnation point flow past a stretching/shrinking sheet driven by Arrhenius kinetics. *Applied Mathematics and Computation*, **2018**, 337, 583-590	2.7	11
245	Transient two-dimensional natural convection flow of a nanofluid past an isothermal vertical plate using Buongiorno's model. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 23-47	4.5	10
244	Flow and heat transfer of couple stress fluid in a vertical channel in the presence of heat source/sink. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 795-819	4.5	10
243	Stagnation point flow and heat transfer over a stretching/shrinking sheet in a viscoelastic fluid with convective boundary condition and partial slip velocity. *European Physical Journal Plus*, **2015**, 130, 1	3.1	10
242	Numerical solutions of non-alignment stagnation-point flow and heat transfer over a stretching/shrinking surface in a nanofluid. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2016**, 26, 1747-1767	4.5	10
241	Numerical simulation of the stagnation point flow past a permeable stretching/shrinking sheet with convective boundary condition and heat generation. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2016**, 26, 348-364	4.5	10
240	Effects of surface waviness on heat and fluid flow in a nanofluid filled closed space with partial heating. *Heat and Mass Transfer*, **2016**, 52, 1909-1921	2.2	10
239	Dual solutions in MHD flow on a nonlinear porous shrinking sheet in a viscous fluid. *Boundary Value Problems*, **2013**, 2013,	2.1	10
238	MHD boundary layer flow due to a moving wedge in a parallel stream with the induced magnetic field. *Boundary Value Problems*, **2013**, 2013,	2.1	10
237	Mixed Convection Boundary Layer Flow over a Permeable Vertical Flat Plate Embedded in an Anisotropic Porous Medium. *Mathematical Problems in Engineering*, **2010**, 2010, 1-12	1.1	10
236	Forced convection heat transfer inside an anisotropic porous channel with oblique principal axes: Effect of viscous dissipation. *International Journal of Thermal Sciences*, **2010**, 49, 1984-1993	4.1	10
235	CONJUGATE NATURAL CONVECTION FROM A HORIZONTAL CIRCULAR CYLINDER. *Numerical Heat Transfer; Part A: Applications*, **1994**, 25, 347-361	2.3	10
234	Flow of aqueous Fe2O3CuO hybrid nanofluid over a permeable stretching/shrinking wedge: A development on Falkner's kan problem. *Chinese Journal of Physics*, **2021**, 74, 406-420	3.5	10
233	Stagnation Point Flow of a Micropolar Fluid over a Stretching/Shrinking Sheet with Second-Order Velocity Slip. *Journal of Aerospace Engineering*, **2016**, 29, 04016025	1.4	10

232	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	4.5	10
231	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	4.5	10
230	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	4.5	10
229	MHD natural convection in a square porous cavity filled with a water-based magnetic fluid in the presence of geothermal viscosity. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2018**, 28, 2111-2131	4.5	10
228	Mixed convection non-axisymmetric Homann stagnation-point flow. *Journal of Fluid Mechanics*, **2017**, 812, 418-434	3.7	9
227	Effects of anisotropic slip on three-dimensional stagnation-point flow past a permeable moving surface. *European Journal of Mechanics, B/Fluids*, **2017**, 65, 515-521	2.4	9
226	Boundary layer flow of a dusty fluid over a permeable shrinking surface. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 758-772	4.5	9
225	Thermal Convection of Nanoliquid in a Double-Connected Chamber. *Nanomaterials*, **2020**, 10,	5.4	9
224	Axisymmetric stagnation point flow and heat transfer towards a permeable moving flat plate with surface slip condition. *Applied Mathematics and Computation*, **2014**, 233, 139-151	2.7	9
223	Stagnation point flow and heat transfer over a non-linearly moving flat plate in a parallel free stream with slip. *Communications in Nonlinear Science and Numerical Simulation*, **2014**, 19, 1822-1835	3.7	9
222	Heat transfer for boundary layers with cross flow. *Chinese Physics B*, **2014**, 23, 024701	1.2	9
221	Free- and Mixed-Convection Flow Past a Horizontal Surface in a Nanofluid. *Journal of Thermophysics and Heat Transfer*, **2012**, 26, 375-382	1.3	9
220	THE CHENG-MINKOWYCZ PROBLEM FOR THE TRIPLE-DIFFUSIVE NATURAL CONVECTION BOUNDARY LAYER FLOW PAST A VERTICAL PLATE IN A POROUS MEDIUM. *Journal of Porous Media* , **2013**, 16, 637-646	2.9	9
219	Effects of Thermal Radiation on Mixed Convection Flow over a Permeable Vertical Shrinking Flat Plate in an Oldroyd-B Fluid **2018**, 47, 1069-1076		9
218	MHD Homogeneous-Heterogeneous Reactions in a Nanofluid due to a Permeable Shrinking Surface. *Journal of Applied Fluid Mechanics*, **2016**, 9, 1073-1079	1.5	9
217	Entropy generation analysis of Falkner-Skan flow of Maxwell nanofluid in porous medium with temperature-dependent viscosity **2021**, 95, 1		9
216	Magnetohydrodynamic effects on flow structures and heat transfer over two cylinders wrapped with a porous layer in side. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2016**, 26, 1416-1432	4.5	9
215	Effect of suction on the stagnation point flow of hybrid nanofluid toward a permeable and vertical Riga plate. *Heat Transfer*, **2021**, 50, 1895-1910	3.1	9

214	Unsteady MHD Mixed Convection Flow in Hybrid Nanofluid at Three-Dimensional Stagnation Point. *Mathematics*, **2021**, 9, 549	2.3	9
213	MHD mixed convection flow of a hybrid nanofluid past a permeable vertical flat plate with thermal radiation effect. *AEJ - Alexandria Engineering Journal*, **2021**, 61, 3323-3323	6.1	9
212	Axisymmetric rotational stagnation point flow impinging radially a permeable stretching/shrinking surface in a nanofluid using Tiwari and Das model. *Scientific Reports*, **2017**, 7, 40299	4.9	8
211	A numerical study of the axisymmetric rotational stagnation point flow impinging radially a permeable stretching/shrinking surface in a nanofluid. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 2415-2432	4.5	8
210	Mixed Convection Heat and Mass Transfer from a Vertical Surface Embedded in a Porous Medium. *Transport in Porous Media*, **2015**, 109, 279-295	3.1	8
209	Soret and Dufour Effects on Unsteady Boundary Layer Flow and Heat Transfer of Nanofluid Over a Stretching/Shrinking Sheet: A Stability Analysis. *Journal of Chemical Engineering & Process Technology*, **2017**, 08,		8
208	The Non-Alignment Stagnation-Point Flow Towards a Permeable Stretching/Shrinking Sheet in a Nanofluid Using Buongiorno's Model: A Revised Model. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2016**, 71, 81-89	1.4	8
207	Natural Convection in a Square Inclined Cavity Filled with a Porous Medium with Sinusoidal Temperature Distribution on Both Side Walls. *Transport in Porous Media*, **2019**, 130, 391-404	3.1	8
206	Boundary layer flow of nanofluid over a moving surface in a flowing fluid using revised model with stability analysis. *International Journal of Mechanical Sciences*, **2017**, 131-132, 1073-1081	5.5	8
205	Analysis of Fully Developed Opposing Mixed Convection Flow in an Inclined Channel Filled by a Nanofluid. *Journal of Heat Transfer*, **2014**, 136,	1.8	8
204	Mixed Convection Stagnation-Point Flow Over a Vertical Plate with Prescribed Heat Flux Embedded in a Porous Medium: Brinkman-Extended Darcy Formulation. *Transport in Porous Media*, **2011**, 90, 709-719	3.1	8
203	Radiation effects on the MHD flow near the stagnation point of a stretching sheet: revisited. *Zeitschrift Fur Angewandte Mathematik Und Physik*, **2011**, 62, 953-956	1.6	8
202	Boundary Layer Flow and Heat Transfer with Variable Fluid Properties on a Moving Flat Plate in a Parallel Free Stream. *Journal of Applied Mathematics*, **2012**, 2012, 1-10	1.1	8
201	Mixed Convection Boundary Layer Flow Near the Lower Stagnation Point of a Cylinder Embedded in a Porous Medium Using a Thermal Nonequilibrium Model. *Journal of Heat Transfer*, **2016**, 138,	1.8	8
200	Free convection of a hybrid nanofluid past a vertical plate embedded in a porous medium with anisotropic permeability. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 30, 4083-4101	4.5	8
199	Fluid-structure interaction analysis of buoyancy-driven fluid and heat transfer through an enclosure with a flexible thin partition. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2018**, 28, 2072-2088	4.5	8
198	Exact analysis of the transient free convection flow of nanofluids between two vertical parallel plates in the presence of radiation. *Canadian Journal of Chemical Engineering*, **2017**, 95, 2186-2198	2.3	7
197	Effects of heat generation/absorption in the Jeffrey fluid past a permeable stretching/shrinking disc. *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, **2019**, 41, 1	2	7

196	On the propagation of the non-similar wall jet flows with suction/injection. *European Physical Journal Plus*, **2019**, 134, 1	3.1	7
195	A study on non-Newtonian transport phenomena in a mixed convection stagnation point flow with numerical simulation and stability analysis. *European Physical Journal Plus*, **2019**, 134, 1	3.1	7
194	A numerical study on non-homogeneous model for the conjugate-mixed convection of a Cu-water nanofluid in an enclosure with thick wavy wall. *Applied Mathematics and Computation*, **2019**, 356, 219-234	2.7	7
193	Numerical solutions for unsteady boundary layer flow of a dusty fluid past a permeable stretching/shrinking surface with particulate viscous effect. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2018**, 28, 1374-1391	4.5	7
192	Free Convection in a Square Cavity Filled with a Tridisperse Porous Medium. *Transport in Porous Media*, **2017**, 116, 379-392	3.1	7
191	Conjugate thermal and mass diffusion effect on natural convection flow in presence of strong cross magnetic field. *International Journal of Heat and Mass Transfer*, **2012**, 55, 5120-5132	4.9	7
190	Stokes' first problem for micropolar fluids. *Fluid Dynamics Research*, **2010**, 42, 025503	1.2	7
189	Mixed convection boundary layer flow past a wedge with permeable walls. *Heat and Mass Transfer*, **2010**, 46, 1013-1018	2.2	7
188	MHD Flow Towards a Permeable Surface with Prescribed Wall Heat Flux. *Chinese Physics Letters*, **2009**, 26, 014702	1.8	7
187	Combined free and forced convection flow past a vertial porous plate. *International Journal of Energy Research*, **1981**, 5, 215-226	4.5	7
186	Agrawal flow of a hybrid nanofluid over a shrinking disk. *Case Studies in Thermal Engineering*, **2021**, 25, 100950	5.6	7
185	Flow and heat transfer past a permeable stretching/shrinking sheet in Cu□Al2O3/water hybrid nanofluid. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 30, 1197-1222	4.5	7
184	Thermal convection in a chamber filled with a nanosuspension driven by a chemical reaction using Tiwari and Das□model. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2021**, 31, 452-470	4.5	7
183	Influence of temperature and magnetic field on the oblique stagnation-point flow for a nanofluid past a vertical stretching/shrinking sheet. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2018**, 28, 2874-2894	4.5	7
182	Stagnation-point flow towards a stretching/shrinking sheet in a nanofluid using Buongiorno's model. *Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering*, **2017**, 231, 172-180	1.5	6
181	Radiation effect on the turbulent compressible boundary layer flow with adverse pressure gradient. *Applied Mathematics and Computation*, **2017**, 299, 153-164	2.7	6
180	Impact of nanoparticles migration on mixed convection and entropy generation of a (hbox {Al}_{2}hbox {O}_{3})□water nanofluid inside an inclined enclosure with wavy side wall. *Journal of Thermal Analysis and Calorimetry*, **2019**, 138, 3205-3221	4.1	6
179	Mixed Convection and Entropy Generation of an Ag-Water Nanofluid in an Inclined L-Shaped Channel. *Energies*, **2019**, 12, 1150	3.1	6

178	Lie group symmetry method for MHD double-diffusive convection from a permeable vertical stretching/shrinking sheet. *Computers and Mathematics With Applications*, **2016**, 71, 1679-1693	2.7	6
177	Investigation of enclosure aspect ratio effects on melting heat transfer characteristics of metal foam/phase change material composites. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 29, 2994-3011	4.5	6
176	Slip effects on MHD flow and heat transfer of ferrofluids over a moving flat plate **2017**,		6
175	MIXED CONVECTION BOUNDARY LAYER FLOW PAST A HORIZONTAL CIRCULAR CYLINDER EMBEDDED IN A POROUS MEDIUM SATURATED BY A NANOFLUID: BRINKMAN MODEL. *Journal of Porous Media*, **2013**, 16, 445-457	2.9	6
174	On the Temperature Slip Boundary Condition in a Mixed Convection Boundary-Layer Flow in a Porous Medium. *Transport in Porous Media*, **2012**, 94, 133-147	3.1	6
173	Similarity Solution of Marangoni Convection Boundary Layer Flow over a Flat Surface in a Nanofluid. *Journal of Applied Mathematics*, **2013**, 2013, 1-8	1.1	6
172	Reply to the Paper TIPM1512: Note on the Scaling Transformations for Boundary Layer Flow Near the Stagnation-Point on a Heated Permeable Stretching Surface in a Porous Medium Saturated with a Nanofluid and Heat Generation/Absorption Effects by E. Magyari. *Transport in Porous Media*, **2011**, 87, 49-51	3.1	6
171	Mixed convection flow near an axisymmetric stagnation point on a vertical cylinder. *Journal of Engineering Mathematics*, **2009**, 64, 1-13	1.2	6
170	Non-darcy natural convection on a vertical cylinder in a saturated porous medium. *Heat and Mass Transfer*, **1986**, 20, 33-37		6
169	Boundary Layer Flow and Heat Transfer past a Permeable Shrinking Sheet in a Nanofluid with Radiation Effect. *Advances in Mechanical Engineering*, **2012**, 4, 340354	1.2	6
168	Soret and Dufour Effects on Unsteady Boundary Layer Flow and Heat Transfer in Copper-Water Nanofluid Over a Shrinking Sheet with Partial Slip and Stability Analysis. *Journal of Nanofluids*, **2019**, 8, 1601-1608	2.2	6
167	MHD FLOW AND HEAT TRANSFER OVER A NONLINEARLY STRETCHING SHEET IN POROUS MEDIUM FILLED WITH A NANOFLUID. *Special Topics and Reviews in Porous Media*, **2014**, 5, 13-25	2.5	6
166	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*, **2021**, ahead-of-print,	4.5	6
165	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	4.5	6
164	Magnetohydrodynamic Flow and Heat Transfer Induced by a Shrinking Sheet. *Mathematics*, **2020**, 8, 1175	2.3	6
163	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*, **2021**, ahead-of-print,	4.5	6
162	Exact solutions of Stokes' second problem for hybrid nanofluid flow with a heat source. *Physics of Fluids*, **2021**, 33, 063603	4.4	6
161	Free convection in an inclined cavity filled with a nanofluid and with sinusoidal temperature on the walls. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 29, 4549-4568	4.5	6

160	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	4.5	6
159	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*, **2021**, ahead-of-print,	4.5	6
158	Convective Heat Transfer of a Hybrid Nanofluid over a Nonlinearly Stretching Surface with Radiation Effect. *Mathematics*, **2021**, 9, 2220	2.3	6
157	Unsteady MHD stagnation point flow induced by exponentially permeable stretching/shrinking sheet of hybrid nanofluid **2021**, 24, 1201-1210		6
156	Stability of Partial slip, Soret and Dufour effects on unsteady boundary layer flow and heat transfer in Copper-water nanofluid over a stretching/shrinking sheet. *Journal of Physics: Conference Series*, **2017**, 890, 012031	0.3	5
155	Unsteady separated stagnation-point flow and heat transfer past a stretching/shrinking sheet in a copper-water nanofluid. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 29, 2588-2605	4.5	5
154	Mixed convection flow over a horizontal circular cylinder with constant heat flux embedded in a porous medium filled by a nanofluid: Buongiorno□Darcy model. *Heat and Mass Transfer*, **2016**, 52, 1983-1991	2.2	5
153	Turbulent combined forced and natural convection of nanofluid in a 3D rectangular channel using two-phase model approach. *Journal of Thermal Analysis and Calorimetry*, **2019**, 135, 3247-3257	4.1	5
152	Mixed convection boundary layer flow over a moving vertical flat plate in an external fluid flow with viscous dissipation effect. *PLoS ONE*, **2013**, 8, e60766	3.7	5
151	Effect of the Darcy number on the energy flow and operating conditions of a thermoacoustic porous-medium system. *International Journal of Heat and Mass Transfer*, **2011**, 54, 4028-4036	4.9	5
150	Similarity solutions for the mixed convection flow over a vertical plate with thermal radiation. *International Journal of Minerals, Metallurgy and Materials*, **2010**, 17, 149-153	3.1	5
149	Radiative and magnetohydrodynamic micropolar hybrid nanofluid flow over a shrinking sheet with Joule heating and viscous dissipation effects. *Neural Computing and Applications*,1	4.8	5
148	Second law thermodynamic analysis of thermo-magnetic Jeffery□Hamel dissipative radiative hybrid nanofluid slip flow: existence of multiple solutions. *European Physical Journal Plus*, **2020**, 135, 1	3.1	5
147	Stagnation-Point Flow and Heat Transfer Over an Exponentially Stretching/Shrinking Sheet in Hybrid Nanofluid with Slip Velocity Effect: Stability Analysis. *Journal of Physics: Conference Series*, **2019**, 1366, 012002	0.3	5
146	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	4.5	5
145	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	3.1	5
144	MHD stagnation-point flow and heat transfer of a nanofluid over a stretching/shrinking sheet with melting, convective heat transfer and second-order slip. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2018**, 28, 2089-2110	4.5	5
143	MHD Stagnation-Point Flow of a Nanofluid Past a Stretching Sheet with a Convective Boundary Condition and Radiation Effects. *Applied Mechanics and Materials*, **2019**, 892, 168-176	0.3	4

142	Mixed Convection Boundary Layer Flow on a Vertical Surface in a Saturated Porous Medium: New Perturbation Solutions. *Transport in Porous Media*, **2019**, 128, 741-753	3.1	4
141	Unsteady separated stagnation-point flow over a moving porous plate in the presence of a variable magnetic field. *European Journal of Mechanics, B/Fluids*, **2015**, 53, 229-240	2.4	4
140	Additional results for the problem of MHD boundary-layer flow past a stretching/shrinking surface. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2016**, 26, 2283-2294	4.5	4
139	Boundary Layer Flow Over a Moving Vertical Flat Plate with Convective Thermal Boundary Condition. *Bulletin of the Malaysian Mathematical Sciences Society*, **2016**, 39, 1287-1306	1.2	4
138	Dual Solutions in Magnetohydrodynamic Stagnation-Point Flow and Heat Transfer Over a Shrinking Surface With Partial Slip. *Journal of Heat Transfer*, **2014**, 136,	1.8	4
137	Boundary layer flow and heat transfer of a micropolar fluid near the stagnation point on a stretching vertical surface with prescribed skin friction. *International Journal of Minerals, Metallurgy and Materials*, **2011**, 18, 502-507	3.1	4
136	Impulsive Falkner-Skan flow with constant wall heat flux: revisited. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2009**, 19, 1008-1037	4.5	4
135	Finite P□let number forced convection past a sphere in a porous medium using a thermal nonequilibrium model. *Heat and Mass Transfer*, **2008**, 44, 1391-1399	2.2	4
134	On the Hydromagnetic Flow due to an Impulsive Rotating Disk. *ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik*, **1974**, 54, 284-286	1	4
133	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	3.5	4
132	Rotating Flow in a Nanofluid with CNT Nanoparticles over a Stretching/Shrinking Surface. *Mathematics*, **2022**, 10, 7	2.3	4
131	THE EFFECTS OF SUCTION ON FORCED CONVECTION BOUNDARY LAYER STAGNATION POINT SLIP FLOW IN A DARCY POROUS MEDIUM TOWARDS A SHRINKING SHEET WITH PRESENCE OF THERMAL RADIATION: A STABILITY ANALYSIS. *Journal of Porous Media*, **2018**, 21, 623-636	2.9	4
130	STEADY DOUBLE-DIFFUSIVE MIXED CONVECTION BOUNDARY LAYER FLOW PAST A VERTICAL FLAT PLATE EMBEDDED IN A POROUS MEDIUM FILLED BY A NANOFLUID USING BUONGIORNO'S MODEL. *Journal of Porous Media*, **2016**, 19, 331-338	2.9	4
129	Unsteady Flow of a Nanofluid Past a Permeable Shrinking Cylinder using Buongiorno's Model **2017**, 46, 1667-1674		4
128	Effects of Second-Order Slip and Viscous Dissipation on the Analysis of the Boundary Layer Flow and Heat Transfer Characteristics of a Casson Fluid **2017**, 21, 48		4
127	NON-SYMMETRIC FLOW OVER A STRETCHING/SHRINKING SURFACE WITH MASS TRANSFER. *Mathematical Modelling and Analysis*, **2019**, 24, 617-634	1.3	4
126	Aqueous aluminium□opper hybrid nanofluid flow past a sinusoidal cylinder considering three-dimensional magnetic field and slip boundary condition. *Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering*,095440892110464	1.5	4
125	Polarization force and geothermal viscosity driven unsteady B□ewadt transport phenomenon over a ferrofluid saturated disk. *Physica Scripta*, **2021**, 96, 015202	2.6	4

124	Hybrid Nanofluids Flows Determined by a Permeable Power-Law Stretching/Shrinking Sheet Modulated by Orthogonal Surface Shear. *Entropy*, **2021**, 23,	2.8	4
123	Nanofluid Flow on a Shrinking Cylinder with Al2O3 Nanoparticles. *Mathematics*, **2021**, 9, 1612	2.3	4
122	Flow and heat transfer over a permeable biaxial stretching/shrinking sheet in a nanofluid. *Neural Computing and Applications*, **2020**, 32, 4575-4582	4.8	4
121	Unsteady flow and heat transfer over a permeable stretching/shrinking sheet with generalized slip velocity. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2018**, 28, 1457-1470	4.5	4
120	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, 129-129	3.5	4
119	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	3.3	4
118	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	2.3	4
117	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	3.5	4
116	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	2.4	4
115	Free convection in wavy porous enclosures with non-uniform temperature boundary conditions filled with a nanofluid: Buongiorno mathematical model. *Thermal Science*, **2017**, 21, 1183-1193	1.2	3
114	Dual solutions of three-dimensional flow and heat transfer over a non-linearly stretching/shrinking sheet. *Indian Journal of Physics*, **2018**, 92, 637-645	1.4	3
113	Boundary-Layer Flow and Heat Transfer of Nanofluids over a Permeable Moving Surface in the Presence of a Coflowing Fluid. *Advances in Mechanical Engineering*, **2014**, 6, 521236	1.2	3
112	MHD mixed convection oblique stagnation-point flow on a vertical plate. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 2744-2767	4.5	3
111	The Mixed Convection Boundary Layer on a Vertical Melting Front in a Non-Darcian Porous Medium. *Transport in Porous Media*, **2017**, 116, 521-532	3.1	3
110	Mixed convection flow about a solid sphere with constant heat flux embedded in a porous medium filled by a nanofluid: Buongiorno-Darcy model **2014**,		3
109	Stability analysis of flow and heat transfer on a permeable moving plate in a co-flowing nanofluid **2014**,		3
108	Stagnation-Point Flow and Heat Transfer Towards a Shrinking Sheet with Suction in an Upper Convected Maxwell Fluid. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2013**, 68, 693-700	1.4	3
107	Mixed Convection Flow Adjacent to a Stretching Vertical Sheet in a Nanofluid. *Journal of Applied Mathematics*, **2013**, 2013, 1-6	1.1	3

106	Unsteady Mixed Convection Boundary Layer from a Circular Cylinder in a Micropolar Fluid. *International Journal of Chemical Engineering*, **2010**, 2010, 1-10	2.2	3
105	Unsteady magnetohydrodynamic stagnation point flow of a nanofluid past a permeable shrinking sheet. *Chinese Journal of Physics*, **2022**, 75, 109-119	3.5	3
104	Flow and Heat Transfer Past a Stretching/Shrinking Sheet Using Modified Buongiorno Nanoliquid Model. *Mathematics*, **2021**, 9, 3047	2.3	3
103	Influence of MHD Hybrid Ferrofluid Flow on Exponentially Stretching/Shrinking Surface with Heat Source/Sink under Stagnation Point Region. *Mathematics*, **2021**, 9, 2932	2.3	3
102	Dusty ferrofluid transport phenomena towards a non-isothermal moving surface with viscous dissipation. *Chinese Journal of Physics*, **2021**,	3.5	3
101	Stability Analysis of Unsteady MHD Rear Stagnation Point Flow of Hybrid Nanofluid. *Mathematics*, **2021**, 9, 2428	2.3	3
100	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	3.1	3
99	Mixed convection hybrid nanofluid flow over an exponentially accelerating surface in a porous media. *Neural Computing and Applications*, **2021**, 33, 15719	4.8	3
98	Stagnation point flow, heat transfer and species transfer over a shrinking sheet with coupled Stefan blowing effects from species transfer **2016**,		3
97	Unsteady stagnation-point flow and heat transfer over an exponential stretching sheet in Copper-water nanofluid with slip velocity effect. *Journal of Physics: Conference Series*, **2018**, 1132, 012029	0.3	3
96	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,	4.5	3
95	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*, **2021**, ahead-of-print,	4.5	3
94	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,	4.5	3
93	Unsteady MHD mixed convection flow of a hybrid nanofluid with thermal radiation and convective boundary condition. *Chinese Journal of Physics*, **2022**, 77, 378-392	3.5	3
92	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*, **2021**, ahead-of-print,	4.5	3
91	Unsteady Magnetohydrodynamics (MHD) Flow of Hybrid Ferrofluid Due to a Rotating Disk. *Mathematics*, **2022**, 10, 1658	2.3	3
90	Flow and Heat Transfer in a Driven Cavity with Two Cylinders. *Journal of Thermophysics and Heat Transfer*, **2017**, 31, 99-108	1.3	2
89	Mixed convection flow, heat transfer, species concentration near the stagnation point on a vertical flat plate with Stefan coupled blowing. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 77-103	4.5	2

88	Unsteady mixed convection stagnation-point flow over a plate moving along the direction of flow impingement. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2017**, 27, 120-141	4.5	2
87	Dual Solutions for Opposing Mixed Convection in Porous Media. *Journal of Heat Transfer*, **2017**, 139,	1.8	2
86	Magnetohydrodynamics Stagnation-Point Flow of a Nanofluid Past a Stretching/Shrinking Sheet with Induced Magnetic Field: A Revised Model. *Symmetry*, **2019**, 11, 1078	2.7	2
85	Influence of self-compacting concrete fresh properties on bond to reinforcement. *Materials and Structures/Materiaux Et Constructions*, **2015**, 48, 1875-1886	3.4	2
84	EFFECT OF AN INSERTED POROUS LAYER INTO A CHANNEL ON HEAT TRANSFER AND PRESSURE DROP. *Journal of Porous Media*, **2016**, 19, 65-82	2.9	2
83	On an equation arising in the boundary-layer flow of stretching/shrinking permeable surfaces. *Journal of Engineering Mathematics*, **2020**, 121, 1-17	1.2	2
82	A note on the stagnation-point flow over a permeable shrinking sheet with slip effects. *International Communications in Heat and Mass Transfer*, **2016**, 71, 101-107	5.8	2
81	A Comment on Change of Nusselt Number Sign in a Channel Flow Filled by a Fluid-Saturated Porous Medium with Constant Heat Flux Boundary Conditions. *Transport in Porous Media*, **2013**, 96, 97-103	3.1	2
80	Dual solutions of magnetohydrodynamic stagnation point flow and heat transfer of viscoelastic nanofluid over a permeable stretching/shrinking sheet with thermal radiation. *Journal of Physics: Conference Series*, **2017**, 890, 012063	0.3	2
79	Mixed Convection Stagnation-Point Flow Past a Vertical Flat Plate With a Second Order Slip. *Journal of Heat Transfer*, **2014**, 136,	1.8	2
78	Two-dimensional oblique stagnation-point flow towards a stretching surface in a viscoelastic fluid. *Open Physics*, **2011**, 9,	1.3	2
77	Unsteady Flow of a Power□law Fluid past a Shrinking Sheet with Mass Transfer. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2012**, 67, 65-69	1.4	2
76	Magnetohydrodynamic flow over a moving plate in a parallel stream with an induced magnetic field. *International Journal of Minerals, Metallurgy and Materials*, **2010**, 17, 397-402	3.1	2
75	Stagnation-Point Flow Past a Permeable Stretching/Shrinking Sheet. *Advanced Science Letters*, **2017**, 23, 11040-11043	0.1	2
74	Effect of convective boundary condition on unsteady flow of CNT-H2O nanofluid towards a stagnation-point on a shrinking/expanding flat sheet. *Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering*,095440892110546	1.5	2
73	Blasius Problem with Generalized Surface Slip Velocity. *Journal of Applied Fluid Mechanics*, **2016**, 9, 1641-1644		2
72	Modelling of Stagnation-Point Flow and Diffusion of Chemically Reactive Species Past A Permeable Quadratically Stretching/Shrinking Sheet **2015**,		2
71	Stagnation Point Flow Over a Permeable Stretching/Shrinking Sheet with Chemical Reaction and Heat Source/Sink. *CMES - Computer Modeling in Engineering and Sciences*, **2019**, 120, 203-214	1.7	2

70	Investigation of the novelty of latent functionally thermal fluids as alternative to nanofluids in natural convective flows. *Scientific Reports*, **2020**, 10, 20257	4.9	2
69	Unsteady squeezing flow of Cu-Al2O3 /water hybrid nanofluid in a horizontal channel with magnetic field		2
68	Free convective heat transfer efficiency in Al2O3Cu/water hybrid nanofluid inside a rectotrapezoidal enclosure. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2021**, ahead-of-print,	4.5	2
67	Non-uniqueness of solutions to a MHD stagnation-point flow over an exponentially permeable stretching/shrinking sheet with velocity slip. *Journal of Physics: Conference Series*, **2019**, 1366, 012040	0.3	2
66	MHD stagnation point flow towards a quadratically stretching/shrinking surface. *Journal of Physics: Conference Series*, **2019**, 1366, 012013	0.3	2
65	Turbulent natural convection combined with entropy generation in a nanofluid cavity with non-uniformly heated side walls. *Journal of Physics: Conference Series*, **2019**, 1366, 012049	0.3	2
64	Stagnation point flow of a nanofluid past a non-aligned stretching/shrinking sheet with a second-order slip velocity. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 29, 738-762	4.5	2
63	Unsteady mixed convection flow at a three-dimensional stagnation point. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2021**, 31, 236-250	4.5	2
62	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	4.5	2
61	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	4.5	2
60	Flow towards a Stagnation Region of a Vertical Plate in a Hybrid Nanofluid: Assisting and Opposing Flows. *Mathematics*, **2021**, 9, 448	2.3	2
59	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*, **2021**, ahead-of-print, 1706	4.5	2
58	Flow towards a Stagnation Region of a Curved Surface in a Hybrid Nanofluid with Buoyancy Effects. *Mathematics*, **2021**, 9, 2330	2.3	2
57	Unsteady hybrid nanofluid flow on a stagnation point of a permeable rigid surface. *ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik*, **2021**, 101, e202000193	1	2
56	Unsteady MHD hybrid nanofluid flow towards a horizontal cylinder. *International Communications in Heat and Mass Transfer*, **2022**, 134, 106020	5.8	2
55	Flow and heat transfer of MHD dusty hybrid nanofluids over a shrinking sheet. *Chinese Journal of Physics*, **2021**,	3.5	2
54	Unsteady mixed convective stagnation point flow of hybrid nanofluid in porous medium. *Neural Computing and Applications*,1	4.8	2
53	Unsteady micropolar hybrid nanofluid flow past a permeable stretching/shrinking vertical plate. *AEJ - Alexandria Engineering Journal*, **2022**, 61, 11337-11349	6.1	2

52	On an equation arising in natural convection boundary layer flow in a porous medium. *Zeitschrift Fur Angewandte Mathematik Und Physik*, **2019**, 70, 1	1.6	1
51	Stability solutions on stagnation point flow in Cu-water nanofluid on stretching/shrinking cylinder with chemical reaction and slip effect. *Journal of Physics: Conference Series*, **2017**, 890, 012030	0.3	1
50	Stability analysis of flow and heat transfer over a permeable stretching/shrinking sheet with internal heat generation and viscous dissipation. *Journal of Physics: Conference Series*, **2017**, 890, 012039	0.3	1
49	Unsteady three-dimensional flow and heat transfer past a permeable stretching/shrinking surface **2015**,		1
48	Three-Dimensional Flow and Heat Transfer Past a Permeable Exponentially Stretching/Shrinking Sheet in a Nanofluid. *Journal of Applied Mathematics*, **2014**, 2014, 1-6	1.1	1
47	Numerical solutions of three-dimensional boundary layer flow and heat transfer past a permeable shrinking surface in a Cu-water nanofluid **2014**,		1
46	Boundary layer flow and heat transfer past a moving plate with suction and injection **2014**,		1
45	Unsteady stagnation-point flow past a stretching sheet with suction in a nanofluid using Buongiorno□ model **2014**,		1
44	Mixed convection boundary layer flow at the lower stagnation point of a sphere embedded in a porous medium in presence of heat source/sink: Constant heat flux case **2014**,		1
43	A Further Note on the Unsteady Mixed Convection Boundary Layer in a Porous Medium with Temperature Slip: An Exact Solution. *Transport in Porous Media*, **2012**, 95, 373-375	3.1	1
42	Numerical solutions of Wang's stretching/shrinking sheet problem for nanofluids **2013**,		1
41	FLOW OVER AN UNSTEADY SHRINKING SHEET WITH SUCTION IN A NANOFLUID. *International Journal of Modern Physics Conference Series*, **2012**, 09, 511-519	0.7	1
40	Non-Darcian Effects on Buoyancy-Induced Heat Transfer in a Partially Divided Square Enclosure with Internal Heat Generation. *Transport in Porous Media*, **2010**, 84, 663-683	3.1	1
39	Numerical Simulation of Solid and Porous Fins□mpact on Heat Transfer Performance in a Differentially Heated Chamber. *Mathematics*, **2022**, 10, 263	2.3	1
38	Magnetohydrodynamic and viscous dissipation effects on radiative heat transfer of non-Newtonian fluid flow past a nonlinearly shrinking sheet: Reiner□hilippoff model. *AEJ - Alexandria Engineering Journal*, **2022**, 61, 7605-7617	6.1	1
37	Hybrid Carbon Nanotube Flow near the Stagnation Region over a Permeable Vertical Plate with Heat Generation/Absorption. *Mathematics*, **2021**, 9, 2925	2.3	1
36	Mixed Convection Stagnation Point Flow of a Hybrid Nanofluid Past a Permeable Flat Plate with Radiation Effect. *Mathematics*, **2021**, 9, 2681	2.3	1
35	Dual solutions on boundary-layer flow over a moving surface in a flowing nanofluid with second-order slip. *Thermal Science*, **2020**, 24, 1117-1129	1.2	1

34	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	4.5	1
33	Free Convection Heat Transfer and Entropy Generation in an Odd-Shaped Cavity Filled with a Cu-Al2O3 Hybrid Nanofluid. *Symmetry*, **2021**, 13, 122	2.7	1
32	Transient free convection in an inclined square porous cavity filled with a nanofluid using LTNE and Buongiorno□s models. *MATEC Web of Conferences*, **2018**, 240, 03014	0.3	1
31	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	2.3	1
30	Effects of Magnetic Fields, Coupled Stefan Blowing and Thermodiffusion on Ferrofluid Transport Phenomena. *Mathematics*, **2022**, 10, 1646	2.3	1
29	MHD boundary layer flow of couple-stress fluid over a bidirectional moving surface with non-Fourier heat flux. *Journal of Interdisciplinary Mathematics*,1-19	1.2	1
28	Radiative heat transfer of Reiner□Philippoff fluid flow past a nonlinearly shrinking sheet: Dual solutions and stability analysis. *Chinese Journal of Physics*, **2022**, 77, 45-45	3.5	0
27	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	0
26	Fluid flow effects on diffusion layer and current density for electrochemical systems. *Korean Journal of Chemical Engineering*, **2020**, 37, 1453-1465	2.8	0
25	Darcy□Boussinesq convective flow in a trapezoidal enclosure with thermal stratification. *Journal of Thermal Analysis and Calorimetry*, **2021**, 145, 3325-3337	4.1	0
24	Viscous fluids **2022**, 23-48		0
23	Nonlinear radiative heat transfer of magnetohydrodynamic non-newtonian fluid flow past a shrinking sheet: Reiner□Philippoff model. *Waves in Random and Complex Media*,1-22	1.9	0
22	Aqua Cobalt Ferrite/Mn□Zn Ferrite Hybrid Nanofluid Flow Over a Nonlinearly Stretching Permeable Sheet in a Porous Medium. *Journal of Nanofluids*, **2022**, 11, 383-391	2.2	0
21	Blasius Flow over a Permeable Moving Flat Plate Containing Cu-Al2O3 Hybrid Nanoparticles with Viscous Dissipation and Radiative Heat Transfer. *Mathematics*, **2022**, 10, 1281	2.3	0
20	Steady Flow of Burgers□Nanofluids over a Permeable Stretching/Shrinking Surface with Heat Source/Sink. *Mathematics*, **2022**, 10, 1580	2.3	0
19	Three-Dimensional Stretching/Shrinking Flow of Hybrid Nanofluid with Slips and Joule Heating. *Journal of Thermophysics and Heat Transfer*,1-10	1.3	0
18	Forced convective MHD flow of Reiner-Philippoff fluid induced by hybrid nanofluid past a nonlinear moving sheet with nonlinear heat sink/source. *Waves in Random and Complex Media*,1-22	1.9	0
17	Stability Analysis of Unsteady Hybrid Nanofluid Flow over the Falkner-Skan Wedge. *Nanomaterials*, **2022**, 12, 1771	5.4	0

16	Unsteady Separated Stagnation-Point Flow Past a Moving Plate with Suction Effect in Hybrid Nanofluid. *Mathematics*, **2022**, 10, 1933	2.3	0
15	Comment on the paper Hydromagnetic thin film flow of Casson fluid in non-Darcy porous medium with Joule dissipation and Navier partial slip *Applied Mathematics and Mechanics (English Edition)* , **2018**, 39, 1057-1058	3.2	
14	Hydromagnetic flow and heat transfer adjacent to a stretching vertical sheet in a micropolar fluid. *Thermal Science*, **2013**, 17, 525-532	1.2	
13	Second-Order Correction for Convective Wall Plume in Power-Law Fluids Over an Isothermal Wall. *Polymer-Plastics Technology and Engineering*, **1992**, 31, 157-175		
12	Boundary Layer Flow and Heat Transfer of a Nanofluid Over a Moving Permeable Surface. *Advanced Science Letters*, **2017**, 23, 11153-11157	0.1	
11	Stagnation Point Flow and Heat Transfer Over a Permeable Stretching/Shrinking Sheet with Heat Source/Sink. *Mechanisms and Machine Science*, **2020**, 189-199	0.3	
10	PROFESSOR SOMCHAI WONGWISES ON HIS 60TH BIRTHDAY. *Journal of Thermal Engineering*,438-439	1.1	
9	Natural convection in a porous square cavity filled with a nanofluid: A numerical study using spline functions. *Journal of Thermal Analysis and Calorimetry*,1	4.1	
8	Jets **2022**, 255-276		
7	Micropolar fluids over the moving surface **2022**, 225-253		
6	Nanofluids **2022**, 87-112		
5	Stretching/shrinking sheets near a stagnation-point flow in viscous fluids **2022**, 49-86		
4	Stretching/shrinking sheets in nanofluids and hybrid nanofluids **2022**, 113-162		
3	Mixed convection flow in porous medium **2022**, 163-203		
2	Comment on the paper Numerical simulation for heat transfer performance in unsteady flow of Williamson fluid driven by a wedge-geometry *Results in Physics*, **2021**, 20, 103717	3.7	
1	Numerical Results on Slip Effect over an Exponentially Stretching/Shrinking Cylinder. *Mathematics*, **2022**, 10, 1114	2.3	