Roslinda Mohd Nazar

List of Publications by Citations

268 papers	6,204 citations	41 h-index	65 g-index
303 ext. papers	7,218 ext. citations	3 avg, IF	6.45 L-index

#	Paper	IF	Citations
268	Stagnation point flow of a micropolar fluid towards a stretching sheet. *International Journal of Non-Linear Mechanics*, **2004**, 39, 1227-1235	2.8	201
267	Boundary layer flow and heat transfer over an unsteady stretching vertical surface. *Meccanica*, **2009**, 44, 369-375	2.1	187
266	Unsteady boundary layer flow due to a stretching surface in a rotating fluid. *Mechanics Research Communications*, **2004**, 31, 121-128	2.2	171
265	Mixed convection boundary layers in the stagnation-point flow toward a stretching vertical sheet. *Meccanica*, **2006**, 41, 509-518	2.1	158
264	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
263	Hydromagnetic flow and heat transfer adjacent to a stretching vertical sheet. *Heat and Mass Transfer*, **2008**, 44, 921-927	2.2	150
262	Heat transfer over an unsteady stretching permeable surface with prescribed wall temperature. *Nonlinear Analysis: Real World Applications*, **2009**, 10, 2909-2913	2.1	137
261	MHD stagnation point flow towards a stretching sheet. *Physica A: Statistical Mechanics and Its Applications*, **2009**, 388, 3377-3383	3.3	137
260	Magnetohydrodynamic (MHD) flow and heat transfer due to a stretching cylinder. *Energy Conversion and Management*, **2008**, 49, 3265-3269	10.6	118
259	Boundary layer flow and heat transfer over a stretching sheet with Newtonian heating. *Journal of the Taiwan Institute of Chemical Engineers*, **2010**, 41, 651-655	5.3	117
258	Uniform suction/blowing effect on flow and heat transfer due to a stretching cylinder. *Applied Mathematical Modelling*, **2008**, 32, 2059-2066	4.5	102
257	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
256	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
255	Mixed Convection on the Stagnation Point Flow Toward a Vertical, Continuously Stretching Sheet. *Journal of Heat Transfer*, **2007**, 129, 1087-1090	1.8	95
254	Boundary Layer Flow over a Continuously Moving Thin Needle in a Parallel Free Stream. *Chinese Physics Letters*, **2007**, 24, 2895-2897	1.8	87
253	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
252	MHD stagnation-point flow and heat transfer towards stretching sheet with induced magnetic field. *Applied Mathematics and Mechanics (English Edition)*, **2011**, 32, 409-418	3.2	84

251	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
250	Natural convection in a square cavity filled with a porous medium saturated with a nanofluid using the thermal nonequilibrium model with a Tiwari and Das nanofluid model. *International Journal of Mechanical Sciences*, **2015**, 100, 312-321	5.5	70
249	Mixed convection stagnation point flow of a micropolar fluid towards a stretching sheet. *Meccanica* , **2008**, 43, 411-418	2.1	66
248	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
247	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
246	Melting heat transfer in steady laminar flow over a moving surface. *Heat and Mass Transfer*, **2010**, 46, 463-468	2.2	62
245	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
244	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
243	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
242	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
241	FalknerSkan 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
240	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
239	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
238	Moving wedge and flat plate in a micropolar fluid. *International Journal of Engineering Science*, **2006** , 44, 1225-1236	5.7	51
237	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
236	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
235	Mixed Convection Boundary Layer Flow from a Horizontal Circular Cylinder Embedded in a Porous Medium Filled with a Nanofluid. *Transport in Porous Media*, **2011**, 86, 517-536	3.1	48
234	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

233	Explicit series solutions of some linear and nonlinear Schrodinger equations via the homotopy analysis method. *Communications in Nonlinear Science and Numerical Simulation*, **2009**, 14, 1196-1207	3.7	47
232	Homotopy analysis method for solving fractional Lorenz system. *Communications in Nonlinear Science and Numerical Simulation*, **2010**, 15, 1864-1872	3.7	45
231	Boundary Layer on a Moving Wall with Suction and Injection. *Chinese Physics Letters*, **2007**, 24, 2274-2276	1.8	45
230	Rotating flow over an exponentially shrinking sheet with suction. *Journal of Molecular Liquids*, **2015**, 211, 965-969	6	44
229	Mixed convection boundary-layer flow from a horizontal circular cylinder in micropolar fluids: case of constant wall temperature. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2003**, 13, 86-109	4.5	43
228	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
227	Effect of variable viscosity on mixed convection boundary layer flow over a vertical surface embedded in a porous medium. *International Communications in Heat and Mass Transfer*, **2007**, 34, 464-473	5.8	41
226	Mixed convection boundary layer flow adjacent to a vertical surface embedded in a stable stratified medium. *International Journal of Heat and Mass Transfer*, **2008**, 51, 3693-3695	4.9	41
225	Mixed convection boundary layer flow along vertical thin needles: Assisting and opposing flows. *International Communications in Heat and Mass Transfer*, **2008**, 35, 157-162	5.8	40
224	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
223	FREE CONVECTION BOUNDARY LAYER ON AN ISOTHERMAL SPHERE IN A MICROPOLAR FLUID. *International Communications in Heat and Mass Transfer*, **2002**, 29, 377-386	5.8	40
222	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
221	Numerical Solution of Flow and Heat Transfer over a Stretching Sheet with Newtonian Heating using the Keller Box Method. *Procedia Engineering*, **2013**, 53, 542-554		37
220	FORCED CONVECTION BOUNDARY LAYER FLOW AT A FORWARD STAGNATION POINT WITH NEWTONIAN HEATING. *Chemical Engineering Communications*, **2009**, 196, 987-996	2.2	36
219	Adaptation of homotopy analysis method for the numeric-analytic solution of Chen system. *Communications in Nonlinear Science and Numerical Simulation*, **2009**, 14, 2336-2346	3.7	36
218	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
217	Effect of Hall current on MHD mixed convection boundary layer flow over a stretched vertical flat plate. *Meccanica*, **2011**, 46, 1103-1112	2.1	35
216	Mixed convection boundary layer flow over a permeable vertical surface with prescribed wall heat flux. *Zeitschrift Fur Angewandte Mathematik Und Physik*, **2008**, 59, 100-123	1.6	35

215	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
214	Unsteady Micropolar Fluid over a Permeable Curved Stretching Shrinking Surface. *Mathematical Problems in Engineering*, **2017**, 2017, 1-13	1.1	33
213	Flow and heat transfer over an unsteady stretching sheet in a micropolar fluid. *Meccanica*, **2011**, 46, 935-942	2.1	33
212	MHD boundary-layer flow due to a moving extensible surface. *Journal of Engineering Mathematics*, **2008**, 62, 23-33	1.2	33
211	Solution of Delay Differential Equation by Means of Homotopy Analysis Method. *Acta Applicandae Mathematicae*, **2009**, 108, 395-412	1.1	32
210	The Brinkman model for the mixed convection boundary layer flow past a horizontal circular cylinder in a porous medium. *International Journal of Heat and Mass Transfer*, **2003**, 46, 3167-3178	4.9	32
209	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
208	A Stability Analysis for Magnetohydrodynamics Stagnation Point Flow with Zero Nanoparticles Flux Condition and Anisotropic Slip. *Energies*, **2019**, 12, 1268	3.1	31
207	Unsteady Three-Dimensional MHD Non-Axisymmetric Homann Stagnation Point Flow of a Hybrid Nanofluid with Stability Analysis. *Mathematics*, **2020**, 8, 784	2.3	31
206	Stability analysis of unsteady MHD stagnation point flow and heat transfer over a shrinking sheet in the presence of viscous dissipation. *Chinese Journal of Physics*, **2019**, 57, 116-126	3.5	31
205	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
204	The Schneider problem for a micropolar fluid. *Fluid Dynamics Research*, **2006**, 38, 489-502	1.2	30
203	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
202	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
201	Dual Solutions in Magnetohydrodynamic Mixed Convection Flow Near a Stagnation-Point on a Vertical Surface. *Journal of Heat Transfer*, **2007**, 129, 1212-1216	1.8	29
200	MHD Mixed Convection Boundary Layer Flow Toward a Stagnation Point on a Vertical Surface With Induced Magnetic Field. *Journal of Heat Transfer*, **2011**, 133,	1.8	28
199	Series Solutions of Systems of Nonlinear Fractional Differential Equations. *Acta Applicandae Mathematicae*, **2009**, 105, 189-198	1.1	26
198	Boundary-layer flow of a micropolar fluid on a continuously moving or fixed permeable surface. *International Journal of Heat and Mass Transfer*, **2007**, 50, 4743-4748	4.9	26

197	Mixed convection stagnation-point flow on vertical stretching sheet with external magnetic field. *Applied Mathematics and Mechanics (English Edition)*, **2014**, 35, 155-166	3.2	25
196	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
195	Steady Mixed Convection Flow on a Horizontal Circular Cylinder Embedded in a Porous Medium Filled by a Nanofluid Containing Gyrotactic Micro-Organisms. *Journal of Heat Transfer*, **2013**, 135,	1.8	24
194	MHD boundary-layer flow of a micropolar fluid past a wedge with variable wall temperature. *Acta Mechanica*, **2008**, 196, 75-86	2.1	24
193	Mixed convection boundary layer flow about an isothermal sphere in a micropolar fluid. *International Journal of Thermal Sciences*, **2003**, 42, 283-293	4.1	24
192	Forced-convection heat transfer over a circular cylinder with Newtonian heating. *Journal of Engineering Mathematics*, **2011**, 69, 101-110	1.2	23
191	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
190	Mixed convection boundary layer flow from a horizontal circular cylinder in a nanofluid. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2012**, 22, 576-606	4.5	23
189	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
188	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
187	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
186	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
185	Non-isobaric Marangoni boundary layer flow for Cu, Al2O3 and TiO2 nanoparticles in a water based fluid. *Meccanica*, **2011**, 46, 833-843	2.1	22
184	MHD mixed convection boundary layer flow towards a stretching vertical surface with constant wall temperature. *International Journal of Heat and Mass Transfer*, **2010**, 53, 5330-5334	4.9	21
183	The effects of transpiration on the boundary layer flow and heat transfer over a vertical slender cylinder. *International Journal of Non-Linear Mechanics*, **2007**, 42, 1010-1017	2.8	21
182	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
181	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
180	Stagnation-point flow over a permeable stretching/shrinking sheet in a copper-water nanofluid. *Boundary Value Problems*, **2013**, 2013, 39	2.1	20

179	Moving wedge and flat plate in a power-law fluid. *International Journal of Non-Linear Mechanics*, **2011**, 46, 1017-1021	2.8	20
178	Heat transfer over an unsteady stretching surface with prescribed heat flux. *Canadian Journal of Physics*, **2008**, 86, 853-855	1.1	20
177	FREE CONVECTION BOUNDARY LAYER ON A SPHERE WITH CONSTANT SURFACE HEAT FLUX IN A MICROPOLAR FLUID. *International Communications in Heat and Mass Transfer*, **2002**, 29, 1129-1138	5.8	20
176	Mixed convection boundary-layer flow from a horizontal circular cylinder with a constant surface heat flux. *Heat and Mass Transfer*, **2004**, 40, 219-227	2.2	19
175	Scaling group analysis of bioconvective micropolar fluid flow and heat transfer in a porous medium. *Journal of Thermal Analysis and Calorimetry*, **2021**, 143, 1943-1955	4.1	19
174	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
173	Stagnation-point flow past a shrinking sheet in a nanofluid. *Open Physics*, **2011**, 9,	1.3	18
172	Mixed convection boundary layer flow over a horizontal circular cylinder with Newtonian heating. *Heat and Mass Transfer*, **2010**, 46, 1411-1418	2.2	18
171	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
170	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
169	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
168	Thermal Marangoni Flow Past a Permeable Stretching/Shrinking Sheet in a Hybrid Cu-Al2O3/Water Nanofluid **2020**, 49, 211-222		17
167	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
166	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
165	Modeling of Free Convection Boundary Layer Flow on a Solid Sphere with Newtonian Heating. *Acta Applicandae Mathematicae*, **2010**, 112, 263-274	1.1	16
164	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
163	Similarity solutions for mixed convection boundary layer flow over a permeable horizontal flat plate. *Applied Mathematics and Computation*, **2010**, 217, 2619-2630	2.7	16
162	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

161	Melting heat transfer in hybrid nanofluid flow along a moving surface. *Journal of Thermal Analysis and Calorimetry*, **2020**, 1	4.1	16
160	Unsteady Stagnation Point Flow of Hybrid Nanofluid Past a Convectively Heated Stretching/Shrinking Sheet with Velocity Slip. *Mathematics*, **2020**, 8, 1649	2.3	16
159	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
158	Stability analysis of unsteady stagnation-point gyrotactic bioconvection flow and heat transfer towards the moving sheet in a nanofluid. *Chinese Journal of Physics*, **2020**, 65, 538-553	3.5	15
157	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
156	Unsteady flow and heat transfer past an axisymmetric permeable shrinking sheet with radiation effect. *International Journal for Numerical Methods in Fluids*, **2011**, 67, 1310-1320	1.9	15
155	Steady mixed convection boundary-layer flow over a vertical flat surface in a porous medium filled with water at 4°C: variable surface heat flux. *Transport in Porous Media*, **2007**, 70, 307-321	3.1	15
154	Dual solutions in mixed convection boundary-layer flow with suction or injection. *IMA Journal of Applied Mathematics*, **2007**, 72, 451-463	1	15
153	Non-uniqueness solutions for the thin Carreau film flow and heat transfer over an unsteady stretching sheet. *International Communications in Heat and Mass Transfer*, **2020**, 117, 104776	5.8	15
152	Homotopy approach for the hyperchaotic Chen system. *Physica Scripta*, **2010**, 81, 045005	2.6	14
151	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
150	Comparison between the homotopy analysis method and homotopy perturbation method to solve coupled Schrodinger-KdV equation. *Journal of Applied Mathematics and Computing*, **2009**, 31, 1-12	1.8	14
149	Steady mixed convection boundary layer flow over a vertical flat plate in a porous medium filled with water at 4°C: case of variable wall temperature. *Transport in Porous Media*, **2007**, 69, 359-372	3.1	14
148	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
147	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
146	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
145	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
144	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

143	Mixed convection stagnation flow towards a vertical shrinking sheet. *International Journal of Heat and Mass Transfer*, **2014**, 73, 839-848	4.9	13
142	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
141	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
140	Unsteady three-dimensional boundary layer flow due to a stretching surface in a micropolar fluid. *International Journal for Numerical Methods in Fluids*, **2012**, 68, 1561-1573	1.9	13
139	Numerical solutions of free convection boundary layer flow on a solid sphere with Newtonian heating in a micropolar fluid. *Meccanica*, **2012**, 47, 1261-1269	2.1	13
138	Unsteady shrinking sheet with mass transfer in a rotating fluid. *International Journal for Numerical Methods in Fluids*, **2011**, 66, 1465-1474	1.9	13
137	Stagnation flow of a micropolar fluid towards a vertical permeable surface. *International Communications in Heat and Mass Transfer*, **2008**, 35, 276-281	5.8	13
136	Dual solutions for fluid flow over a stretching/shrinking rotating disk subject to variable fluid properties. *Physica A: Statistical Mechanics and Its Applications*, **2020**, 556, 124773	3.3	12
135	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
134	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
133	The effect of unsteadiness on mixed convection boundary-layer stagnation-point flow over a vertical flat surface embedded in a porous medium. *International Journal of Heat and Mass Transfer*, **2014**, 77, 147-156	4.9	11
132	Radiation effect on Marangoni convection boundary layer flow of a nanofluid. *Mathematical Sciences*, **2012**, 6, 21	1.6	11
131	The development of forced convection heat transfer near a forward stagnation point with Newtonian heating. *Journal of Engineering Mathematics*, **2012**, 74, 53-60	1.2	11
130	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
129	Mixed convection boundary layer flow past an isothermal horizontal circular cylinder with temperature-dependent viscosity. *International Journal of Thermal Sciences*, **2009**, 48, 1943-1948	4.1	11
128	Boundary-layer flow of a micropolar fluid on a continuous flatplate moving in a parallel stream with uniform surface heat flux. *Canadian Journal of Physics*, **2007**, 85, 869-878	1.1	11
127	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
126	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

125	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
124	Stagnation Point Flow with Time-Dependent Bionanofluid Past a Sheet: Richardson Extrapolation Technique. *Processes*, **2019**, 7, 722	2.9	10
123	Dual solutions in MHD flow on a nonlinear porous shrinking sheet in a viscous fluid. *Boundary Value Problems*, **2013**, 2013,	2.1	10
122	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
121	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
120	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
119	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
118	MHD Stagnation-Point Flow over a Nonlinearly Stretching/Shrinking Sheet. *Journal of Aerospace Engineering*, **2013**, 26, 829-834	1.4	9
117	Solutions of Heat-Like and Wave-Like Equations with Variable Coefficients by Means of the Homotopy Analysis Method. *Chinese Physics Letters*, **2008**, 25, 589-592	1.8	9
116	Mixed convection boundary layer flow along vertical moving thin needles with variable heat flux. *Heat and Mass Transfer*, **2008**, 44, 473-479	2.2	9
115	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
114	Unsteady MHD Mixed Convection Flow in Hybrid Nanofluid at Three-Dimensional Stagnation Point. *Mathematics*, **2021**, 9, 549	2.3	9
113	Triple Solutions of Carreau Thin Film Flow with Thermocapillarity and Injection on an Unsteady Stretching Sheet. *Energies*, **2020**, 13, 3177	3.1	8
112	Numerical study of conjugate natural convection heat transfer of a blood filled horizontal concentric annulus. *International Communications in Heat and Mass Transfer*, **2020**, 114, 104568	5.8	8
111	The Non-Alignment Stagnation-Point Flow Towards a Permeable Stretching/Shrinking Sheet in a Nanofluid Using Buongiorno□ Model: A Revised Model. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2016**, 71, 81-89	1.4	8
110	Numerical investigation of stagnation point flow over a stretching sheet with convective boundary conditions. *Boundary Value Problems*, **2013**, 2013, 4	2.1	8
109	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
108	Dual Solutions on Thermosolutal Marangoni Forced Convection Boundary Layer with Suction and Injection. *Mathematical Problems in Engineering*, **2011**, 2011, 1-19	1.1	8

107	Free convection boundary layer on an isothermal horizontal circular cylinder in a micropolar fluid **2002**,		8
106	FORCED CONVECTION BOUNDARY LAYER STAGNATION-POINT FLOW IN DARCY-FORCHHEIMER POROUS MEDIUM PAST A SHRINKING SHEET. *Frontiers in Heat and Mass Transfer*,7,		8
105	Exploration of dilatant nanofluid effects conveying microorganism utilizing scaling group analysis: FDM Blottner. *Physica A: Statistical Mechanics and Its Applications*, **2020**, 549, 124040	3.3	8
104	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
103	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
102	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
101	Students□Inclination towards English Language as Medium of Instruction in the Teaching of Science and Mathematics. *Procedia, Social and Behavioral Sciences*, **2011**, 18, 353-360		7
100	Mixed convection boundary-layer flow about an isothermal solid sphere in a nanofluid. *Physica Scripta*, **2011**, 84, 025403	2.6	7
99	Mixed convection boundary layer flow past a wedge with permeable walls. *Heat and Mass Transfer*, **2010**, 46, 1013-1018	2.2	7
98	On the homotopy analysis method for the exact solutions of Helmholtz equation. *Chaos, Solitons and Fractals*, **2009**, 41, 1873-1879	9.3	7
97	MHD Flow Towards a Permeable Surface with Prescribed Wall Heat Flux. *Chinese Physics Letters*, **2009**, 26, 014702	1.8	7
96	Feedback Control of the Marangoni□Bénard Instability in a Fluid Layer with a Free-Slip Bottom. *Journal of the Physical Society of Japan*, **2007**, 76, 014401	1.5	7
95	Free convection boundary layer flow over vertical and horizontal flat plates embedded in a porous medium under mixed thermal boundary conditions. *International Communications in Heat and Mass Transfer*, **2006**, 33, 87-93	5.8	7
94	Mixed Convection Boundary Layer with Internal Heat Generation in a Porous Medium Filled with a Nanofluid. *Advanced Science Letters*, **2012**, 13, 833-835	0.1	7
93	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
92	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
91	MHD mixed convection flow of a power law nanofluid over a vertical stretching sheet with radiation effect **2013**,		6
90	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

89	Micropolar Fluid Flow and Heat Transfer over a Nonlinearly Stretching Plate with Viscous Dissipation. *Mathematical Problems in Engineering*, **2013**, 2013, 1-5	1.1	6
88	The Readiness of Mathematics and Science Lecturers to Teach in English from Students Perspective. *Procedia, Social and Behavioral Sciences*, **2011**, 18, 342-347		6
87	Mixed Convection Boundary-Layer Flow in a Porous Medium Filled with Water Close to its Maximum Density. *Transport in Porous Media*, **2009**, 76, 139-151	3.1	6
86	Boundary Layer Stagnation-Point Slip Flow and Heat Transfer towards a Shrinking/Stretching Cylinder over a Permeable Surface. *Applied Mathematics*, **2015**, 06, 466-475	0.4	6
85	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
84	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
83	Unsteady MHD stagnation point flow induced by exponentially permeable stretching/shrinking sheet of hybrid nanofluid **2021**, 24, 1201-1210		6
82	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
81	Radiation effects on Marangoni convection boundary layer over a permeable surface. *Meccanica*, **2013**, 48, 83-89	2.1	5
80	Students Perceptions of the Implementation of Teaching and Learning of Science and Mathematics in English. *Procedia, Social and Behavioral Sciences*, **2011**, 18, 361-366		5
79	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
78	Entropy Analysis and Melting Heat Transfer in the Carreau Thin Hybrid Nanofluid Film Flow. *Mathematics*, **2021**, 9, 3092	2.3	5
77	Effect of heat generation on mixed convection of micropolar Casson fluid over a stretching/shrinking sheet with suction. *Journal of Physics: Conference Series*, **2019**, 1212, 012024	0.3	4
76	MHD stagnation point flow and heat transfer of a nanofluid over a permeable nonlinear stretching/shrinking sheet with viscous dissipation effect **2018**,		4
75	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
74	Effect of non-uniform temperature gradient and magnetic field on onset of Marangoni convection heated from below by a constant heat flux. *Applied Mathematics and Mechanics (English Edition)*, **2010**, 31, 797-804	3.2	4
73	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
72	Magnetohydrodynamic stagnation point flow towards a stretching vertical sheet in a micropolar fluid. *Magnetohydrodynamics*, **2007**, 43, 83-98	1.6	4

71	Mixed convection flow over a horizontal circular cylinder in a viscous fluid at the lower stagnation point with convective boundary conditions. *ScienceAsia*, **2016**, 42S, 5	1.4	4
70	MHD mixed convection boundary layer flow of a Casson fluid bounded by permeable shrinking sheet with exponential variation. *Scientia Iranica*, **2017**, 24, 637-647	1.5	4
69	MHD stagnation point flow over a stretching cylinder with variable thermal conductivity and joule heating **2016**,		4
68	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
67	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
66	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
65	Three-dimensional viscous flow and heat transfer over a permeable shrinking sheet. *International Communications in Heat and Mass Transfer*, **2014**, 56, 109-113	5.8	3
64	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
63	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
62	Stability analysis of flow and heat transfer on a permeable moving plate in a co-flowing nanofluid **2014**,		3
61	Mixed Convection Flow Adjacent to a Stretching Vertical Sheet in a Nanofluid. *Journal of Applied Mathematics*, **2013**, 2013, 1-6	1.1	3
60	Unsteady flow across a stretching surface. *International Communications in Heat and Mass Transfer*, **2010**, 37, 476-479	5.8	3
59	Unsteady mixed convection near the forward stagnation point of a two-dimensional symmetric body. *International Communications in Heat and Mass Transfer*, **2003**, 30, 673-682	5.8	3
58	Numerical solutions of radiation effect on magnetohydrodynamic free convection boundary layer flow about a solid sphere with Newtonian heating. *Applied Mathematical Sciences*,8, 6989-7000	0.6	3
57	Dusty ferrofluid transport phenomena towards a non-isothermal moving surface with viscous dissipation. *Chinese Journal of Physics*, **2021**,	3.5	3
56	MHD mixed convection stagnation point flow of an upper convected Maxwell fluid on a vertical surface with an induced magnetic field. *Magnetohydrodynamics*, **2011**, 47, 61-78	1.6	3
55	Numerical solutions of MHD rotating flow and heat transfer over a permeable shrinking sheet. *ScienceAsia*, **2014**, 40S, 58	1.4	3
54	Stability Analysis of Unsteady MHD Rear Stagnation Point Flow of Hybrid Nanofluid. *Mathematics*, **2021**, 9, 2428	2.3	3

53	Local Similarity Solutions for Laminar Boundary Layer Flow along a Moving Cylinder in a Parallel Stream. *Lecture Notes in Computer Science*, **2007**, 224-235	0.9	3
52	Mixed convection hybrid nanofluid flow over an exponentially accelerating surface in a porous media. *Neural Computing and Applications*, **2021**, 33, 15719	4.8	3
51	Stagnation-point flow of a nanofluid past a stretching/shrinking sheet with heat generation/absorption and convective boundary conditions **2016**,		3
50	Stagnation point flow, heat transfer and species transfer over a shrinking sheet with coupled Stefan blowing effects from species transfer **2016**,		3
49	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
48	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
47	Boundary layer flow and heat transfer in a viscous fluid over a stretching sheet with viscous dissipation, internal heat generation and prescribed heat flux **2017**,		2
46	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
45	A stability analysis on unsteady mixed convection stagnation-point flow over a moving plate along the flow impingement direction. *Journal of Physics: Conference Series*, **2017**, 890, 012041	0.3	2
44	The effect of convective boundary condition on MHD mixed convection boundary layer flow over an exponentially stretching vertical sheet. *Journal of Physics: Conference Series*, **2017**, 949, 012016	0.3	2
43	Transformation of Language in Teaching and Learning Policy. *Procedia, Social and Behavioral Sciences*, **2012**, 59, 685-691		2
42	Mixed convection in laminar film flow of a micropolar fluid. *International Communications in Heat and Mass Transfer*, **2012**, 39, 36-39	5.8	2
41	Mixed convection flow about a solid sphere with a constant surface heat flux embedded in a porous medium filled with a nanofluid **2013**,		2
40	Similarity solutions for the flow and heat transfer over a nonlinear stretching/shrinking sheet in a nanofluid **2012**,		2
39	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
38	Modelling of Stagnation-Point Flow and Diffusion of Chemically Reactive Species Past A Permeable Quadratically Stretching/Shrinking Sheet **2015**,		2
37	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
36	Unsteady MHD hybrid nanofluid flow towards a horizontal cylinder. *International Communications in Heat and Mass Transfer*, **2022**, 134, 106020	5.8	2

35	Dual solutions of MHD stagnation-point flow and heat transfer past a stretching/shrinking sheet in a porous medium **2017**,		1
34	The effects of chemical reaction and thermal radiation on MHD boundary layer flow of a nanofluid over an exponentially stretching/shrinking sheet: A revised model **2017**,		1
33	Stagnation point flow and heat transfer of a nanofluid over a stretching/shrinking sheet with convective boundary conditions and suction **2017**,		1
32	Numerical solution of heat transfer past a stretching sheet with viscous dissipation and internal heat generation with prescribed surface temperature **2017**,		1
31	Unsteady Boundary Layer Flow of a Casson Fluid past a Permeable Stretching/Shrinking Sheet: Paired Solutions and Stability Analysis. *Journal of Physics: Conference Series*, **2019**, 1212, 012028	0.3	1
30	Stability analysis of MHD thermosolutal Marangoni convection boundary layer flow **2016**,		1
29	Numerical solutions of MHD stagnation-point flow and heat transfer past a stretching/shrinking sheet with chemical reaction and transpiration **2017**,		1
28	The stagnation-point flow and heat transfer of nanofluid over a shrinking surface in magnetic field and thermal radiation with slip effects : a stability analysis. *Journal of Physics: Conference Series*, **2017**, 890, 012055	0.3	1
27	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
26	Unsteady three-dimensional flow and heat transfer past a permeable stretching/shrinking surface **2015**,		1
25	Free convection boundary layer flow near the lower stagnation point of a solid sphere with convective boundary conditions in a micropolar fluid **2014**,		1
24	Numerical solution of the free convection boundary layer flow over a horizontal circular cylinder with convective boundary conditions **2014**,		1
23	Numerical solutions of three-dimensional boundary layer flow and heat transfer past a permeable shrinking surface in a Cu-water nanofluid **2014**,		1
22	Boundary layer flow and heat transfer past a moving plate with suction and injection **2014**,		1
21	Numerical Solutions of Free Convection Boundary Layer Flow on a Solid Sphere with Convective Boundary Conditions. *Journal of Physics: Conference Series*, **2014**, 495, 012025	0.3	1
20	Teaching Science and Mathematics in English Steering Mastery in English Language Amongst Sciences Students in UKM. *Procedia, Social and Behavioral Sciences*, **2012**, 59, 670-677		1
19	Boundary layer flow and heat transfer over a stretching sheet with convective boundary conditions **2013**,		1
18	Numerical solutions of mixed convection flow on a solid sphere embedded in a porous medium filled by a nanofluid containing gyrotactic microorganisms **2013**,		1

17	Numerical solutions of Wang's stretching/shrinking sheet problem for nanofluids **2013**,		1
16	Magnetohydrodynamic Stagnation Point Flow with a Convective Surface Boundary Condition. *Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences*, **2011**, 66, 495-499	1.4	1
15	Marangoni Driven Boundary Layer Flow past a Flat Plate in Nanofluid with Suction/Injection **2010**,		1
14	Stability analysis of MHD stagnation-point flow towards a permeable stretching/shrinking surface in a Carreau fluid **2016**,		1
13	Effects of thermal radiation and slip on unsteady stagnation-point flow and heat transfer past a permeable shrinking sheet: A stability analysis **2019**,		1
12	Mathematical modeling of boundary layer flow over a moving thin needle with variable heat flux. *Lecture Notes in Electrical Engineering*, **2009**, 43-54	0.2	1
11	Stability Analysis of Unsteady Hybrid Nanofluid Flow over the Falkner-Skan Wedge. *Nanomaterials*, **2022**, 12, 1771	5.4	0
10	Unsteady Separated Stagnation-Point Flow Past a Moving Plate with Suction Effect in Hybrid Nanofluid. *Mathematics*, **2022**, 10, 1933	2.3	0
9	Dual solutions of stagnation-point flow over an exponentially stretching/shrinking sheet in a porous medium with suction and velocity slip: A stability analysis. *Journal of Physics: Conference Series*, **2019**, 1212, 012026	0.3	
8	Subject Difficulty Index in PPSM, FST, UKM: 2009/2010 and 2010/2011 Academic Sessions. *Procedia, Social and Behavioral Sciences*, **2012**, 59, 304-312		
7	Transformation of Teaching and Learning Mathematics in English: Are the Lecturers Ready?. *Procedia, Social and Behavioral Sciences*, **2012**, 59, 650-656		
6	Transformation of English Language as the Language of Knowledge in UKM Teaching and Learning: Highlights of Students Perspectives. *Procedia, Social and Behavioral Sciences*, **2012**, 59, 678-684		
5	Homotopy solution for flow of a micropolar fluid on a continuous moving surface. *International Journal for Numerical Methods in Fluids*, **2011**, 66, 608-621	1.9	
4	An MHD stagnation slip flow on a moving plate. *Fluid Dynamics Research*, **2011**, 43, 015502	1.2	
3	Ingham problem for free convection near a continuously moving vertical permeable plate. *IMA Journal of Applied Mathematics*, **2012**, 77, 578-589	1	
2	Simultaneous Effects of Soret and Dufour on the Unsteady Stagnation Point Flow of Micropolar Fluid Towards a Permeable Stretching Sheet **2016**, 45-59		
1	Mixed convection over a horizontal circular cylinder embedded in porous medium immersed in a nanofluid with convective boundary conditions at lower stagnation point: A numerical solution. *MATEC Web of Conferences*, **2018**, 189, 02004	0.3	