

A.M. Rashad

List of Publications by Year in Descending Order

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

172
papers

4,238
citations

36
h-index

55
g-index

178
ext. papers

5,126
ext. citations

2.5
avg, IF

6.53
L-index

#	Paper	IF	Citations
172	Effectiveness of Newtonian Heating on Magneto-Free Convective Flow of Polar Nanofluid across a Solid Sphere. <i>Fractal and Fractional</i> , 2022 , 6, 57	3	
171	Influence of Bioconvection and Chemical Reaction on Magneto-Carreau Nanofluid Flow through an Inclined Cylinder. <i>Mathematics</i> , 2022 , 10, 504	2.3	8
170	Studying Massive Suction Impact on Magneto-Flow of a Hybridized Casson Nanofluid on a Porous Continuous Moving or Fixed Surface. <i>Symmetry</i> , 2022 , 14, 627	2.7	4
169	Conjugate natural convection of non-Newtonian hybrid nanofluid in wavy-shaped enclosure. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2022 , 43, 447-466	3.2	1
168	Natural Bioconvective Flow Through a Vertical Cylinder in Porous Media Drenched with a Nanofluid. <i>Journal of Nanofluids</i> , 2022 , 11, 340-349	2.2	
167	Effectiveness of magnetize flow on nanofluid via unsteady natural convection inside an inclined U-shaped cavity with discrete heating. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 8653-8666	6.1	1
166	Thermal Conductivity and Thermophoretic Impacts of Micropolar Fluid Flow by a Horizontal Absorbent Isothermal Porous Wall with Heat Source/Sink. <i>Mathematics</i> , 2022 , 10, 1514	2.3	1
165	Magneto-Nanofluid Flow via Mixed Convection Inside E-Shaped Square Chamber. <i>Symmetry</i> , 2022 , 14, 1159	2.7	1
164	Exploration of physical features of homogeneous/heterogeneous chemical action in a nanofluid film dispensed with MOS ₂ in diathermic oils. <i>Journal of Taibah University for Science</i> , 2021 , 15, 826-839	3	0
163	Impact of Soret and Dufour on bioconvective flow of nanofluid in porous square cavity. <i>Heat Transfer</i> , 2021 , 50, 5123-5147	3.1	6
162	Unsteady MHD Mixed Convection Flow of Non-Newtonian Casson Hybrid Nanofluid in the Stagnation Zone of Sphere Spinning Impulsively. <i>Fluids</i> , 2021 , 6, 197	1.6	11
161	Micropolar nanofluid flow via mixed convective over an orthogonal cylinder. <i>Heat Transfer</i> , 2021 , 50, 6425	3.1	1
160	The Magneto-Natural Convection Flow of a Micropolar Hybrid Nanofluid over a Vertical Plate Saturated in a Porous Medium. <i>Fluids</i> , 2021 , 6, 202	1.6	10
159	Mixed convection flow along a curved surface in the presence of exothermic catalytic chemical reaction. <i>Scientific Reports</i> , 2021 , 11, 12907	4.9	7
158	Unsteady MHD natural convection flow of a nanofluid inside an inclined square cavity containing a heated circular obstacle. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2021 ,	1.8	4
157	MHD mixed convection of localized heat source/sink in an Al ₂ O ₃ -Cu/water hybrid nanofluid in L-shaped cavity. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 2947-2962	6.1	32
156	Galerkin finite element analysis of thermal aspects of Fe ₃ O ₄ -MWCNT/water hybrid nanofluid filled in wavy enclosure with uniform magnetic field effect. <i>International Communications in Heat and Mass Transfer</i> , 2021 , 126, 105461	5.8	37

155	Gyrotactic microorganisms mixed convection flow of nanofluid over a vertically surfaced saturated porous media. <i>AEJ - Alexandria Engineering Journal</i> , 2021 ,	6.1	8
154	Impact of heated obstacle position on magneto-hybrid nanofluid flow in a lid-driven porous cavity with Cattaneo-Christov heat flux pattern. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 821-835	6.1	39
153	Effectiveness of binary chemical reaction on magneto-fluid flow with Cattaneo-Christov heat flux model. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2021 , 235, 2192-2200	1.3	9
152	Micropolar ferrofluid flow via natural convective about a radiative isoflux sphere. <i>Advances in Mechanical Engineering</i> , 2021 , 13, 168781402199439	1.2	4
151	Effectiveness of Magnetized Flow on Nanofluid Containing Gyrotactic Micro-organisms over an Inclined Stretching Sheet with Viscous Dissipation and Constant Heat Flux. <i>Fluids</i> , 2021 , 6, 253	1.6	0
150	Impact of undulation on magneto-free convective heat transport in an enclosure having vertical wavy sides. <i>International Communications in Heat and Mass Transfer</i> , 2021 , 127, 105579	5.8	4
149	Free convection flow of a magneto-micropolar nanofluid over an orthogonal plate in a saturated porous medium. <i>Heat Transfer</i> , 2021 , 50, 3265-3281	3.1	4
148	Slip Microrotation Flow of Silver-Sodium Alginate Nanofluid via Mixed Convection in a Porous Medium. <i>Mathematics</i> , 2021 , 9, 3232	2.3	1
147	Homogeneous-Heterogeneous Chemical Reactions of Radiation Hybrid Nanofluid Flow on a Cylinder with Joule Heating: Nanoparticles Shape Impact. <i>Coatings</i> , 2021 , 11, 1490	2.9	8
146	Magneto-Free Convective of Hybrid Nanofluid inside Non-Darcy Porous Enclosure Containing an Adiabatic Rotating Cylinder. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020 , 1-16	1.6	9
145	MHD Bioconvection Flow and Heat Transfer of Nanofluid through an Exponentially Stretchable Sheet. <i>Symmetry</i> , 2020 , 12, 692	2.7	20
144	Lie Group Analysis of Unsteady Flow of Kerosene/Cobalt Ferrofluid Past A Radiated Stretching Surface with Navier Slip and Convective Heating. <i>Mathematics</i> , 2020 , 8, 826	2.3	8
143	Novel Microstructural Features on Heat and Mass Transfer in Peristaltic Flow Through a Curved Channel. <i>Frontiers in Physics</i> , 2020 , 8,	3.9	8
142	Heat transfer analysis of ethylene glycol-based Casson nanofluid around a horizontal circular cylinder with MHD effect. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2020 , 234, 2569-2580	1.3	21
141	Magneto-thermo analysis of oscillatory flow around a non-conducting horizontal circular cylinder. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 142, 1567-1578	4.1	4
140	Inclined magneto: convection, internal heat, and entropy generation of nanofluid in an I-shaped cavity saturated with porous media. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 142, 2273-2285	4.1	20
139	Magnetohydrodynamic Mixed Convection and Entropy Analysis of Nanofluid in Gamma-Shaped Porous Cavity. <i>Journal of Thermophysics and Heat Transfer</i> , 2020 , 34, 836-847	1.3	55
138	Activation Energy Impact on Chemically Reacting Eyring-Bowell Nanofluid Flow Over a Stretching Cylinder. <i>Arabian Journal for Science and Engineering</i> , 2020 , 45, 5227-5242	2.5	34

137	Framing the MHD Micropolar-Nanofluid Flow in Natural Convection Heat Transfer over a Radiative Truncated Cone. <i>Processes</i> , 2020 , 8, 379	2.9	12
136	Magnetohydrodynamic natural convection of hybrid nanofluid in a porous enclosure: numerical analysis of the entropy generation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 141, 1981-1992	4.1	53
135	Impact of Partial Slip on Magneto-Ferrofluids Mixed Convection Flow in Enclosure. <i>Journal of Thermal Science and Engineering Applications</i> , 2020 , 12,	1.9	27
134	MHD Free Convection of Localized Heat Source/Sink in Hybrid Nanofluid-Filled Square Cavity. <i>Journal of Nanofluids</i> , 2020 , 9, 1-12	2.2	15
133	Mixed Bioconvective Flow Over a Wedge in Porous Media Drenched with a Nanofluid. <i>Journal of Nanofluids</i> , 2020 , 9, 24-35	2.2	7
132	MHD FREE CONVECTION AND SINUSOIDAL HEATING IN A WAVY CAVITY FILLED WITH A HEAT-GENERATING POROUS MEDIUM USING CU-WATER NANOFUIDS. <i>Computational Thermal Sciences</i> , 2020 , 12, 217-232	1.9	4
131	IMPACT OF HEAT CORNERS ON MAGNETO-NANOFUIDS NATURAL CONVECTION FLOW IN A SQUARE POROUS CAVITY WITH ELLIPTICAL BLOCKS. <i>Journal of Porous Media</i> , 2020 , 23, 805-820	2.9	5
130	Heat Transfer Enhancement of Magneto-Micropolar Nanofluid Over a Wedge. <i>Journal of Nanofluids</i> , 2020 , 9, 168-176	2.2	
129	Impact of Partial Slip and Heat Source on MHD Mixed Convection Flow of Nanofluid in a Double Lid-Driven Cavity Containing Insulated Obstacle. <i>Journal of Nanofluids</i> , 2020 , 9, 230-241	2.2	1
128	Mhd Mixed Convection in Copper-Water Nanofluid Filled Lid-Driven Square Cavity Containing Multiple Adiabatic Obstacles with Discrete Heating. <i>International Journal of Applied Mechanics and Engineering</i> , 2020 , 25, 57-74	0.6	4
127	Effects of Combined Heat and Mass Transfer on Entropy Generation due to MHD Nanofluid Flow over a Rotating Frame. <i>Computers, Materials and Continua</i> , 2020 , 66, 575-587	3.9	14
126	Viscous Dissipation and Joule Heating Effects on MHD Bioconvection Flow of a Nanofluid Containing Gyrotactic Microorganisms Over a Vertical Isothermal Cone. <i>Journal of Nanofluids</i> , 2020 , 9, 242-255	2.2	5
125	Bioconvection in oxytactic microorganism-saturated porous square enclosure with thermal radiation impact. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 140, 2387-2395	4.1	18
124	Boundary layer flow of a nanofluid past a horizontal flat plate in a Darcy porous medium: A Lie group approach. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2020 , 234, 1545-1553	1.3	7
123	MHD natural convection of Sodium Alginate Casson nanofluid over a solid sphere. <i>Results in Physics</i> , 2020 , 16, 102818	3.7	49
122	Magneto-Hybrid Nanofluids Flow via Mixed Convection past a Radiative Circular Cylinder. <i>Scientific Reports</i> , 2020 , 10, 10494	4.9	16
121	Impact of Heat Generation on Magneto-Nanofluid Free Convection Flow about Sphere in the Plume Region. <i>Mathematics</i> , 2020 , 8, 2010	2.3	7
120	Heat Transfer Improvement in MHD Natural Convection Flow of Graphite Oxide/Carbon Nanotubes-Methanol Based Casson Nanofluids Past a Horizontal Circular Cylinder. <i>Processes</i> , 2020 , 8, 1444	2.9	12

119	A Numerical Approach for the Heat Transfer Flow of Carboxymethyl Cellulose-Water Based Casson Nanofluid from a Solid Sphere Generated by Mixed Convection under the Influence of Lorentz Force. <i>Mathematics</i> , 2020 , 8, 1094	2.3	20
118	Impacts of Viscous Dissipation and Brownian motion on Jeffrey Nanofluid Flow over an Unsteady Stretching Surface with Thermophoresis. <i>Symmetry</i> , 2020 , 12, 1450	2.7	16
117	Sinusoidal Natural Convective Flow of Non-Newtonian Nanoliquid Over a Radiative Vertical Plate in a Saturated Porous Medium. <i>IEEE Access</i> , 2020 , 8, 136131-136140	3.5	13
116	MHD natural convection from two heating modes in fined triangular enclosures filled with porous media using nanofluids. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 139, 3133-3149	4.1	34
115	Framing the Activation Energy and Binary Chemical Reaction on CNTs with Cattaneo-Christov Heat Diffusion on Maxwell Nanofluid in the Presence of Nonlinear Thermal Radiation. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 10313-10325	2.5	25
114	MHD mixed convection and entropy generation of nanofluid in a lid-driven U-shaped cavity with internal heat and partial slip. <i>Physics of Fluids</i> , 2019 , 31, 042006	4.4	38
113	Gyrotactic mixed bioconvection flow of a nanofluid past a circular cylinder with convective boundary condition. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019 , 99, 9-17	5.3	70
112	Unsteady MHD slip flow of a ferrofluid over an impulsively stretched vertical surface. <i>AIP Advances</i> , 2019 , 9, 045112	1.5	19
111	Magnetohydrodynamic Nanofluid Flow and Heat Transfer in a Porous Cavity Containing Heated Surface. <i>Journal of Nanofluids</i> , 2019 , 8, 577-588	2.2	4
110	Mixed Bioconvective Flow Over a Wedge in Porous Media Drenched with a Nanofluid. <i>Journal of Nanofluids</i> , 2019 , 8, 1692-1703	2.2	8
109	MHD Mixed Bioconvection in a Square Porous Cavity Filled by Gyrotactic Microorganisms. <i>International Journal of Heat and Technology</i> , 2019 , 37, 433-445	2.2	28
108	The Impact of Sinusoidal Surface Temperature on the Natural Convective Flow of a Ferrofluid along a Vertical Plate. <i>Mathematics</i> , 2019 , 7, 1014	2.3	15
107	Natural convection flow of Sodium Alginate based Casson nanofluid about a solid sphere in the presence of a magnetic field with constant surface heat flux. <i>Journal of Physics: Conference Series</i> , 2019 , 1366, 012005	0.3	10
106	Mixed Convective Flow of Micropolar Nanofluid across a Horizontal Cylinder in Saturated Porous Medium. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 5241	2.6	28
105	Entropy generation and nanofluid mixed convection in a C-shaped cavity with heat corner and inclined magnetic field. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 2619-2645	2.3	11
104	Bioconvection in nanofluid-saturated porous square cavity containing oxytactic microorganisms. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019 , 29, 1448-1465	4.5	28
103	Natural bioconvection flow of a nanofluid containing gyrotactic microorganisms about a truncated cone. <i>European Journal of Mechanics, B/Fluids</i> , 2019 , 75, 133-142	2.4	87
102	Analytical and Numerical Investigation of Fe ₃ O ₄ /Water Nanofluid Flow over a Moveable Plane in a Parallel Stream with High Suction. <i>Energies</i> , 2019 , 12, 198	3.1	14

101	Effects of discrete heat source location on heat transfer and entropy generation of nanofluid in an open inclined L-shaped cavity. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019 , 29, 1363-1377	4.5	28
100	On stretched magnetic flow of Carreau nanofluid with slip effects and nonlinear thermal radiation. <i>Nonlinear Engineering</i> , 2019 , 8, 340-349	3	20
99	Soret and Dufour effects on unsteady double diffusive natural convection in porous trapezoidal enclosures. <i>International Journal of Mechanical Sciences</i> , 2018 , 140, 172-178	5.5	34
98	Magnetohydrodynamics Natural Convection in a Triangular Cavity Filled With a Cu-Al ₂ O ₃ /Water Hybrid Nanofluid With Localized Heating From Below and Internal Heat Generation. <i>Journal of Heat Transfer</i> , 2018 , 140,	1.8	94
97	Effects of partial slip on entropy generation and MHD combined convection in a lid-driven porous enclosure saturated with a Cu-water nanofluid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018 , 132, 1291-1306	4.1	71
96	Entropy generation and MHD natural convection of a nanofluid in an inclined square porous cavity: Effects of a heat sink and source size and location. <i>Chinese Journal of Physics</i> , 2018 , 56, 193-211	3.5	135
95	Effects of heat source and sink on entropy generation and MHD natural convection of Al ₂ O ₃ -Cu/water hybrid nanofluid filled with square porous cavity. <i>Thermal Science and Engineering Progress</i> , 2018 , 6, 57-71	3.6	85
94	Double-diffusive convection flow of Casson fluid with nonlinear thermal radiation and convective condition. <i>Communications in Numerical Analysis</i> , 2018 , 2018, 81-99	0	2
93	Mixed convection from a discrete heater in lid-driven enclosures filled with non-Newtonian nanofluids. <i>Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems</i> , 2017 , 231, 3-16	1.4	4
92	Entropy Generation Analysis of the MHD Flow of Couple Stress Fluid between Two Concentric Rotating Cylinders with Porous Lining. <i>Heat Transfer - Asian Research</i> , 2017 , 46, 316-330	2.8	28
91	Heat Source/Sink Effects on a Hybrid Nanofluid-Filled Porous Cavity. <i>Journal of Thermophysics and Heat Transfer</i> , 2017 , 31, 847-857	1.3	53
90	Effects of heat sink and source and entropy generation on MHD mixed convection of a Cu-water nanofluid in a lid-driven square porous enclosure with partial slip. <i>Physics of Fluids</i> , 2017 , 29, 052001	4.4	115
89	Group method analysis of mixed convection stagnation-point flow of non-Newtonian nanofluid over a vertical stretching surface. <i>Indian Journal of Physics</i> , 2017 , 91, 731-742	1.4	15
88	Impact of anisotropic slip on transient three dimensional MHD flow of ferrofluid over an inclined radiate stretching surface. <i>Journal of the Egyptian Mathematical Society</i> , 2017 , 25, 230-237	2.2	13
87	Magneto-convection of nanofluids in a lid-driven trapezoidal cavity with internal heat generation and discrete heating. <i>Numerical Heat Transfer; Part A: Applications</i> , 2017 , 71, 1223-1234	2.3	29
86	Unsteady Mixed Convection Flow of a Nanofluid Near the Stagnation Point on a Vertical Surface. <i>International Journal of Applied and Computational Mathematics</i> , 2017 , 3, 2055-2069	1.3	2
85	Impact of thermal radiation on MHD slip flow of a ferrofluid over a non-isothermal wedge. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 422, 25-31	2.8	64
84	Magnetic field and internal heat generation effects on the free convection in a rectangular cavity filled with a porous medium saturated with Cu-water nanofluid. <i>International Journal of Heat and Mass Transfer</i> , 2017 , 104, 878-889	4.9	152

83	MAGNETOHYDRODYNAMIC EFFECT ON NATURAL CONVECTION IN A CAVITY FILLED WITH A POROUS MEDIUM SATURATED WITH NANOFLUID. <i>Journal of Porous Media</i> , 2017 , 20, 363-379	2.9	27
82	Inclined MHD Mixed Convection and Partial Slip of Nanofluid in a Porous Lid-Driven Cavity with Heat Source-Sink: Effect of Uniform and Non-Uniform Bottom Heating. <i>Journal of Nanofluids</i> , 2017 , 6, 368-378	2.2	11
81	Radiation Effects on Natural Bioconvection Flow of a Nanofluid Containing Gyrotactic Microorganisms Past a Vertical Plate with Streamwise Temperature Variation. <i>Journal of Nanofluids</i> , 2017 , 6, 587-595	2.2	25
80	Unsteady nanofluid flow over an inclined stretching surface with convective boundary condition and anisotropic slip impact. <i>International Journal of Heat and Technology</i> , 2017 , 35, 82-90	2.2	28
79	Chemical reaction effects on MHD convective heat and mass transfer flow past a rotating vertical cone embedded in a variable porosity regime. <i>Afrika Matematika</i> , 2016 , 27, 645-665	0.7	32
78	Transpiration and Thermophoresis Effects on Non-Darcy Convective Flow Past a Rotating Cone with Thermal Radiation. <i>Arabian Journal for Science and Engineering</i> , 2016 , 41, 4691-4700		37
77	Natural Convection Flow of a Nanofluid along a Vertical Plate with Streamwise Temperature Variations. <i>Heat Transfer - Asian Research</i> , 2016 , 45, 499-514	2.8	6
76	Effect of Chemical Reaction on Heat and Mass Transfer by Mixed Convection Flow of Casson Fluid About a Sphere with Partial Slip. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 5218-5226	0.3	13
75	MHD Effects on Entropy Generation and Heat Transfer of Nanofluid Flows in Enclosures. <i>Journal of Nanofluids</i> , 2016 , 5, 595-605	2.2	7
74	Inclined Magneto-Hydrodynamic Mixed Convection in Lid-Driven Cavity Filled Within Nanofluids with Partial Slip and Internal Heat Generation. <i>Journal of Nanofluids</i> , 2016 , 5, 634-651	2.2	9
73	SORET EFFECT ON STAGNATION-POINT FLOW PAST A STRETCHING/SHRINKING SHEET IN A NANOFLUID-SATURATED NON-DARCY POROUS MEDIUM. <i>Special Topics and Reviews in Porous Media</i> , 2016 , 7, 229-243	2.5	3
72	MHD Natural Convection in a Square Enclosure using Nanofluid with the Influence of Thermal Boundary Conditions. <i>Journal of Applied Fluid Mechanics</i> , 2016 , 9, 2515-2525	1.5	38
71	NATURAL CONVECTION OF MICROPOLAR NANOFLUIDS IN A RECTANGULAR ENCLOSURE SATURATED WITH ANISOTROPIC POROUS MEDIA. <i>Journal of Porous Media</i> , 2016 , 19, 737-750	2.9	13
70	MHD mixed convection of Cu ₂ O-water nanofluid in a two-sided lid-driven porous cavity with a partial slip. <i>Numerical Heat Transfer; Part A: Applications</i> , 2016 , 70, 1356-1370	2.3	48
69	Thermophoresis effect on heat and mass transfer from a rotating cone in a porous medium with thermal radiation. <i>Afrika Matematika</i> , 2016 , 27, 1409-1424	0.7	19
68	Mixed convection in a nanofluid filled-cavity with partial slip subjected to constant heat flux and inclined magnetic field. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 416, 25-36	2.8	61
67	MHD mixed convection of localized heat source/sink in a nanofluid-filled lid-driven square cavity with partial slip. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 68, 173-186	5.3	64
66	Non-Darcy natural convection flow for non-Newtonian nanofluid over cone saturated in porous medium with uniform heat and volume fraction fluxes. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2015 , 25, 422-437	4.5	119

65	Unsteady coupled heat and mass transfer by mixed convection flow of a micropolar fluid near the stagnation point on a vertical surface in the presence of radiation and chemical reaction. <i>Progress in Computational Fluid Dynamics</i> , 2015 , 15, 186	0.7	16
64	Lie Group Analysis of Effects of Radiation and Chemical Reaction on Heat and Mass Transfer by Unsteady Slip Flow from a Non-Isothermal Stretching Sheet Immersed in a Porous Medium. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 4056-4062	0.3	11
63	Heat and Mass Transfer Flow of a Micropolar Fluid Under Convective Boundary Condition from a Horizontal Cylinder with Temperature Dependent Viscosity and Chemical Reaction. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 4506-4514	0.3	3
62	Unsteady Mixed Convection Flow of a Nanofluid Over an Impulsively Stretched Vertical Surface Under Convective Boundary Condition. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 4531-4538	0.3	2
61	Studying High Suction Effect on Boundary-Layer Flow of a Nanofluid on Permeable Surface via Singular Perturbation Technique. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 4828-4836	0.3	3
60	Significance of Viscous Dissipation and Chemical Reaction on Convective Transport in a Boundary Layer Stagnation Point Flow Past a Stretching/Shrinking Sheet in a Nanofluid. <i>Journal of Nanofluids</i> , 2015 , 4, 214-222	2.2	5
59	Unsteady Slip Flow of a Nanofluid Due to a Contracting Cylinder with Newtonian Heating. <i>Journal of Nanofluids</i> , 2015 , 4, 394-401	2.2	7
58	Effect of Viscous Dissipation on Mixed Convection in a Nanofluid Saturated Non-Darcy Porous Medium Under Convective Boundary Condition. <i>Journal of Nanofluids</i> , 2015 , 4, 548-559	2.2	9
57	EFFECT OF THERMAL RADIATION ON MIXED CONVECTION FLOW OF A NANOFLUID ABOUT A SOLID SPHERE IN A SATURATED POROUS MEDIUM UNDER CONVECTIVE BOUNDARY CONDITION. <i>Journal of Porous Media</i> , 2015 , 18, 569-584	2.9	13
56	Heat and Mass Transfer by Unsteady Natural Convection over a Moving Vertical Plate Embedded in a Saturated Porous Medium with Chemical Reaction, Soret and Dufour Effects. <i>Journal of Applied Fluid Mechanics</i> , 2015 , 8, 453-463	1.5	10
55	Numerical study of thermally stratified nanofluid flow in a saturated non-Darcy porous medium. <i>European Physical Journal Plus</i> , 2014 , 129, 1	3.1	11
54	Influence of Viscous Dissipation on Mixed Convection in a Non-Darcy Porous Medium Saturated with a Nanofluid. <i>Heat Transfer - Asian Research</i> , 2014 , 43, 397-411	2.8	6
53	Effects of chemical reaction and thermal radiation on unsteady double diffusive convection. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2014 , 24, 1124-1140	4.5	19
52	Effects of radiation and variable viscosity on unsteady MHD flow of a rotating fluid from stretching surface in porous medium. <i>Journal of the Egyptian Mathematical Society</i> , 2014 , 22, 134-142	2.2	23
51	Heat and mass transfer by natural convection flow about a truncated cone in porous media with Soret and Dufour effects. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2014 , 24, 595-612	4.5	22
50	Mixed convection flow of a micropolar fluid over a continuously moving vertical surface immersed in a thermally and solutally stratified medium with chemical reaction. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014 , 45, 2163-2169	5.3	41
49	Modeling and investigation of Gulf El-Zayt wind farm for stability studying during extreme gust wind occurrence. <i>Ain Shams Engineering Journal</i> , 2014 , 5, 137-148	4.4	15
48	Effect of suction/injection on free convection along a vertical plate in a nanofluid saturated non-Darcy porous medium with internal heat generation. <i>Indian Journal of Pure and Applied Mathematics</i> , 2014 , 45, 321-342	0.3	22

47	EFFECT OF THERMAL RADIATION ON NON-DARCY NATURAL CONVECTION FROM A VERTICAL CYLINDER EMBEDDED IN A NANOFUID POROUS MEDIA. <i>Journal of Porous Media</i> , 2014 , 17, 269-278	2.9	36
46	EFFECTS OF RADIATION AND CHEMICAL REACTION ON HEAT AND MASS TRANSFER BY NATURAL CONVECTION IN A MICROPOLAR FLUID-SATURATED POROUS MEDIUM WITH STREAMWISE TEMPERATURE AND SPECIES CONCENTRATION VARIATIONS. <i>Heat Transfer Research</i> , 2014 , 45, 795-815	3.9	9
45	Non-similar solutions for mixed convection along a wedge embedded in a porous medium saturated by a non-Newtonian nanofluid. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2014 , 24, 1471-1486	4.5	42
44	Non-Darcy Natural Convection From a Vertical Cylinder Embedded in a Thermally Stratified and Nanofluid-Saturated Porous Media. <i>Journal of Heat Transfer</i> , 2014 , 136,	1.8	33
43	Unsteady heat and mass transfer by MHD mixed convection flow from a rotating vertical cone with chemical reaction and Soret and Dufour effects. <i>Canadian Journal of Chemical Engineering</i> , 2014 , 92, 758-767	2.3	49
42	MHD FORCED CONVECTION FLOW OF A NANOFUID ADJACENT TO A NON-ISOTHERMAL WEDGE. <i>Computational Thermal Sciences</i> , 2014 , 6, 27-39	1.9	22
41	VISCOUS DISSIPATION AND MAGNETIC FIELD EFFECTS IN A NON-DARCY POROUS MEDIUM SATURATED WITH A NANOFUID UNDER CONVECTIVE BOUNDARY CONDITION. <i>Special Topics and Reviews in Porous Media</i> , 2014 , 5, 27-39	2.5	16
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38	Mixed convection boundary-layer flow past a horizontal circular cylinder embedded in a porous medium filled with a nanofluid under convective boundary condition. <i>Computers and Fluids</i> , 2013 , 86, 380-388	2.8	52
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36	Coupled heat and mass transfer by MHD free convection flow along a vertical plate with streamwise temperature and species concentration variations. <i>Heat Transfer - Asian Research</i> , 2013 , 42, 100-110	2.8	8
35	Radiation effects on mixed convection about a cone embedded in a porous medium filled with a nanofluid. <i>Meccanica</i> , 2013 , 48, 275-285	2.1	112
34	Soret effect on mixed convection flow in a nanofluid under convective boundary condition. <i>International Journal of Heat and Mass Transfer</i> , 2013 , 64, 384-392	4.9	131
33	Natural Convection in Triangular Enclosures Filled with Nanofluid Saturated Porous Media. <i>Journal of Thermophysics and Heat Transfer</i> , 2013 , 27, 700-706	1.3	17
32	Coupled heat and mass transfer by MHD natural convection of micropolar fluid about a truncated cone in the presence of radiation and chemical reaction. <i>Journal of Naval Architecture and Marine Engineering</i> , 2013 , 10, 157-168	1.4	6
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25	Heat and mass transfer by non-Darcy free convection from a vertical cylinder embedded in porous media with a temperature-dependent viscosity. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2011 , 21, 847-863	4.5	24
24	Effect of chemical reaction on heat and mass transfer by mixed convection flow about a sphere in a saturated porous media. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2011 , 21, 418-433	4.5	36
23	Natural convection boundary layer of a non-Newtonian fluid about a permeable vertical cone embedded in a porous medium saturated with a nanofluid. <i>Computers and Mathematics With Applications</i> , 2011 , 62, 3140-3151	2.7	67
22	Heat transfer in a micropolar fluid flow past a permeable continuous moving surface. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2011 , 91, 360-370	1	5
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18	Mixed convective boundary layer flow over a vertical wedge embedded in a porous medium saturated with a nanofluid 2010 ,		3
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10	Group method analysis of combined heat and mass transfer by MHD non-Darcy non-Newtonian natural convection adjacent to horizontal cylinder in a saturated porous medium. <i>Applied Mathematical Modelling</i> , 2008 , 32, 2378-2395	4.5	22
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