

Noreen Sher Akbar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Heat transfer analysis of MHD viscous fluid in a ciliated tube with entropy generation. <i>Mathematical Methods in the Applied Sciences</i> , 2023, 46, 11495-11508.	1.2	1
2	Electroosmosis augmented MHD peristaltic transport of SWCNTs suspension in aqueous media. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 2509-2526.	2.0	35
3	Thermal Analysis on MHD Flow of Ethylene Glycol-based BNNTs Nanofluids via Peristaltically Induced Electroosmotic Pumping in a Curved Microchannel. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 7487-7503.	1.7	29
4	Entropy generation in electroosmotically aided peristaltic pumping of MoS ₂ Rabinowitsch nanofluid. <i>Fluid Dynamics Research</i> , 2022, 54, 015507.	0.6	20
5	Mathematical modeling of Aphron drilling nanofluid driven by electroosmotically modulated peristalsis through a pipe. <i>Mathematical Modelling of Natural Phenomena</i> , 2022, 17, 19.	0.9	9
6	Analysis of electroosmotic flow of silver-water nanofluid regulated by peristalsis using two different approaches for nanofluid. <i>Journal of Computational Science</i> , 2022, 62, 101696.	1.5	46
7	Exact solutions of an unsteady thermal conductive pressure driven peristaltic transport with temperature-dependent nanofluid viscosity. <i>Case Studies in Thermal Engineering</i> , 2022, 35, 102124.	2.8	27
8	Electroosmotically modulated peristaltic propulsion of TiO ₂ /10W40 nanofluid in curved microchannel. <i>International Communications in Heat and Mass Transfer</i> , 2022, 136, 106208.	2.9	44
9	New trends of nanofluids to combat <i>Staphylococcus aureus</i> in clinical isolates. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 1893-1899.	2.0	22
10	A Theoretical Investigation on the Heat Transfer Ability of Water-Based Hybrid (Ag–Au) Nanofluids and Ag Nanofluids Flow Driven by Electroosmotic Pumping Through a Microchannel. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 2911-2927.	1.7	46
11	Viscous dissipation and joule heating effects on forced convection power law fluid flow through annular duct. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2021, 235, 5858-5865.	1.1	13
12	A comparative study of serological diagnosis of Dengue outbreak 2019. <i>African Health Sciences</i> , 2021, 21, 1117-1123.	0.3	2
13	Thermophysical Transport of Slip Flow Past a Convective Sheet with Suspended Carbon Nanotubes Submerged in Water. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2020, 90, 93-100.	0.8	0
14	3D MHD cross flow over an exponential stretching porous surface. <i>Heat Transfer</i> , 2020, 49, 1256-1280.	1.7	17
15	Blood-based graphene oxide nanofluid flow through capillary in the presence of electromagnetic fields: A Sutterby fluid model. <i>Microvascular Research</i> , 2020, 132, 104062.	1.1	55
16	Numerical study of the electroosmotic flow of Al ₂ O ₃ –CH ₃ OH Sisko nanofluid through a tapered microchannel in a porous environment. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 4161-4176.	1.6	26
17	Numerical simulation of Electrokinetically Driven Peristaltic Pumping of Silver-Water Nanofluids in an asymmetric microchannel. <i>Chinese Journal of Physics</i> , 2020, 68, 745-763.	2.0	18
18	Heat transfer analysis of peristaltic flow of a Phan-Thien–Tanner fluid model due to metachronal wave of cilia. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 1925-1933.	1.4	30

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19	Biological analysis of Carreau nanofluid in an endoscope with variable viscosity. <i>Physica Scripta</i> , 2020, 95, 055201.	1.2	23
20	A comparative study on the role of nanoparticle dispersion in electroosmosis regulated peristaltic flow of water. <i>AEJ - Alexandria Engineering Journal</i> , 2020, 59, 943-956.	3.4	46
21	Chemical reaction and heat source/sink effect on magnetonano Prandtl-Eyring fluid peristaltic propulsion in an inclined symmetric channel. <i>Chinese Journal of Physics</i> , 2020, 65, 300-313.	2.0	30
22	Comparative study on ethylene glycol based Ag-Al ₂ O ₃ and Al ₂ O ₃ nanofluids flow driven by electroosmotic and peristaltic pumping: a nano-coolant for radiators. <i>Physica Scripta</i> , 2020, 95, 115208.	1.2	12
23	Ferromagnetic nano model study for the peristaltic flow in a plumb duct with permeable walls. <i>Microsystem Technologies</i> , 2019, 25, 1227-1234.	1.2	12
24	Biomechanically driven flow of a magnetohydrodynamic bio-fluid in a micro-vessel with slip and convective boundary conditions. <i>Microsystem Technologies</i> , 2019, 25, 151-173.	1.2	9
25	Nanoparticles shape effects on peristaltic transport of nanofluids in presence of magnetohydrodynamics. <i>Microsystem Technologies</i> , 2019, 25, 283-294.	1.2	31
26	Heat and peristaltic propagation of water based nanoparticles with variable fluid features. <i>Physica Scripta</i> , 2019, 94, 125704.	1.2	11
27	Slip analysis with thermally developed peristaltic motion of nanoparticles under the influence of variable viscosity in vertical configuration. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	8
28	Physiological fluid flow analysis by means of contraction and expansion with addition of hybrid nanoparticles. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	16
29	Peristaltic pumping with double diffusive natural convective nanofluid in a lopsided channel with accounting thermophoresis and Brownian moment. <i>Microsystem Technologies</i> , 2019, 25, 1217-1226.	1.2	18
30	Mechanistic investigation for shape factor analysis of SiO ₂ /MoS ₂ "ethylene glycol inside a vertical channel influenced by oscillatory temperature gradient. <i>Canadian Journal of Physics</i> , 2019, 97, 950-958.	0.4	27
31	Effects of Thermal-Diffusion and Diffusion-Thermo on Oblique Stagnation Point Flow of Couple Stress Casson Fluid Over a Stretched Horizontal Riga Plate with Higher Order Chemical Reaction. <i>Journal of Nanofluids</i> , 2019, 8, 94-102.	1.4	40
32	Mathematical modelling of pressure-driven micropolar biological flow due to metachronal wave propulsion of beating cilia. <i>Mathematical Biosciences</i> , 2018, 301, 121-128.	0.9	39
33	Analytical approach to entropy generation and heat transfer in CNT-nanofluid dynamics through a ciliated porous medium. <i>Journal of Hydrodynamics</i> , 2018, 30, 296-306.	1.3	31
34	Performance of hybrid nanofluid (Cu-CuO/water) on MHD rotating transport in oscillating vertical channel inspired by Hall current and thermal radiation. <i>AEJ - Alexandria Engineering Journal</i> , 2018, 57, 1943-1954.	3.4	94
35	Non-aligned stagnation point flow of radiating Casson fluid over a stretching surface. <i>AEJ - Alexandria Engineering Journal</i> , 2018, 57, 939-946.	3.4	32
36	Nanoparticle analysis of non-Newtonian fluid with slip and multiple convective boundary conditions. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2018, 232, 369-379.	1.4	3

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37	OBLIQUE STAGNATION-POINT FLOW OF NON-NEWTONIAN FLUID WITH VARIABLE VISCOSITY. Heat Transfer Research, 2018, 49, 1587-1603.	0.9	2
38	Transient peristaltic diffusion of nanofluids: A model of micropumps in medical engineering. Journal of Hydrodynamics, 2018, 30, 1001-1011.	1.3	26
39	Numerical Simulation of Nanoparticles with Variable Viscosity over a Stretching Sheet. , 2018, , .		3
40	Nanocomposite microemulsions study of single-walled carbon nanotubes in arteries. , 2018, , 649-665.		2
41	Numerical investigation of Cattaneo-Christov heat flux in CNT suspended nanofluid flow over a stretching porous surface with suction and injection. Discrete and Continuous Dynamical Systems - Series S, 2018, 11, 583-594.	0.6	16
42	Heat transfer analysis of CNT suspended nanofluid through annulus sector duct. International Journal of Mechanical Sciences, 2017, 122, 362-369.	3.6	19
43	Framing the MHD mixed convective performance of CNTs in rotating vertical channel inspired by thermal deposition: Closed form solutions. Journal of Molecular Liquids, 2017, 233, 334-343.	2.3	40
44	Flow and heat transfer analysis of Jeffery nano fluid impinging obliquely over a stretched plate. Journal of the Taiwan Institute of Chemical Engineers, 2017, 74, 49-58.	2.7	87
45	Entropy generation analysis for the peristaltic flow of Cu-water nanofluid in a tube with viscous dissipation. Journal of Hydrodynamics, 2017, 29, 135-143.	1.3	18
46	Variable fluid properties analysis with water based CNT nanofluid over a sensor sheet: Numerical solution. Journal of Molecular Liquids, 2017, 232, 471-477.	2.3	19
47	Nanostructures study of CNT nanofluids transport with temperature-dependent variable viscosity in a muscular tube. European Physical Journal Plus, 2017, 132, 1.	1.2	16
48	Carbon nanotube analysis for an unsteady physiological flow in a non-uniform channel of finite length. European Physical Journal Plus, 2017, 132, 1.	1.2	5
49	Magneto-nanofluid flow with heat transfer past a stretching surface for the new heat flux model using numerical approach. International Journal of Numerical Methods for Heat and Fluid Flow, 2017, 27, 1215-1230.	1.6	13
50	Biomechanically driven unsteady non-uniform flow of Copper water and Silver water nanofluids through finite length channel. Computer Methods and Programs in Biomedicine, 2017, 146, 1-9.	2.6	12
51	Numerical simulation of the forced convective nanofluid flow through an annulus sector duct. Chinese Journal of Physics, 2017, 55, 1400-1411.	2.0	24
52	Effects of single and multi-walled carbon nano tubes on water and engine oil based rotating fluids with internal heating. Advanced Powder Technology, 2017, 28, 1991-2002.	2.0	32
53	MHD 3D free convective flow of nanofluid over an exponentially stretching sheet with chemical reaction. Advanced Powder Technology, 2017, 28, 2159-2166.	2.0	62
54	Entropy Generation Analysis in Convective Ferromagnetic Nano Blood Flow Through a Composite Stenosed Arteries with Permeable Wall. Communications in Theoretical Physics, 2017, 67, 554.	1.1	16

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55	3D free convective MHD flow of nanofluid over permeable linear stretching sheet with thermal radiation. Powder Technology, 2017, 315, 205-215.	2.1	147
56	Mathematical model for ciliary-induced transport in MHD flow of Cu-H ₂ O nanofluids with magnetic induction. Chinese Journal of Physics, 2017, 55, 947-962.	2.0	36
57	Advanced Study of Unsteady Heat and Chemical Reaction with Ramped Wall and Slip Effect on a Viscous Fluid. Communications in Theoretical Physics, 2017, 67, 301.	1.1	7
58	Natural Propulsion with Lorentz Force and Nanoparticles in a Bioinspired Lopsided Ciliated Channel. Journal of Bionic Engineering, 2017, 14, 172-181.	2.7	6
59	Dynamics of variable-viscosity nanofluid flow with heat transfer in a flexible vertical tube under propagating waves. Results in Physics, 2017, 7, 413-425.	2.0	24
60	Heat transfer analysis with temperature-dependent viscosity for the peristaltic flow of nano fluid with shape factor over heated tube. International Journal of Hydrogen Energy, 2017, 42, 25088-25101.	3.8	15
61	Hydromagnetic Blood Flow of Sisko Fluid in a Non-uniform Channel Induced by Peristaltic Wave. Communications in Theoretical Physics, 2017, 68, 103.	1.1	10
62	Nanoparticle shapes effects on unsteady physiological transport of nanofluids through a finite length non-uniform channel. Results in Physics, 2017, 7, 2477-2484.	2.0	23
63	Three dimensional MHD flow of nanofluid over an exponential porous stretching sheet with convective boundary conditions. Thermal Science and Engineering Progress, 2017, 3, 133-140.	1.3	46
64	Rheological Analysis of CNT Suspended Nanofluid with Variable Viscosity: Numerical Solution. Communications in Theoretical Physics, 2017, 67, 681.	1.1	8
65	Physical hydrodynamic propulsion model study on creeping viscous flow through a ciliated porous tube. Pramana - Journal of Physics, 2017, 88, 1.	0.9	20
66	Variable-viscosity thermal hemodynamic slip flow conveying nanoparticles through a permeable-walled composite stenosed artery. European Physical Journal Plus, 2017, 132, 1.	1.2	19
67	MHD convective heat transfer of nanofluids through a flexible tube with buoyancy: A study of nano-particle shape effects. Advanced Powder Technology, 2017, 28, 453-462.	2.0	33
68	BIOPHYSICAL HEAT TRANSFER STUDY FOR THE CONTRACTION AND EXPANSION OF MUSCLES WITH MULTI-WALL CARBON NANOTUBES. Journal of Mechanics in Medicine and Biology, 2017, 17, 1750014.	0.3	3
69	Carbon nanotube (CNT)-suspended nanofluid analysis due to metachronal beating of cilia with entropy generation. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, 39, 2001-2012.	0.8	7
70	Double Diffusion Effects on Magnetohydrodynamic Non-Newtonian Fluid Nanoparticles. Journal of Computational and Theoretical Nanoscience, 2017, 14, 694-703.	0.4	4
71	DOUBLE-DIFFUSIVE NATURAL CONVECTIVE PERISTALTIC PRANDTL FLOW IN A POROUS CHANNEL SATURATED WITH A NANOFLUID. Heat Transfer Research, 2017, 48, 283-290.	0.9	15
72	STUDY OF PERISTALTIC FLOW OF NANOFLUID WITH ENTROPY GENERATION IN A POROUS MEDIUM. Journal of Porous Media, 2017, 20, 461-478.	1.0	72

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73	MHD effect on nanofluid with energy and hydrothermal behavior between two collateral plates: Application of new semi analytical technique. <i>Thermal Science</i> , 2017, 21, 2081-2093.	0.5	7
74	MHD dissipative flow and heat transfer of Casson fluids due to metachronal wave propulsion of beating cilia with thermal and velocity slip effects under an oblique magnetic field. <i>Acta Astronautica</i> , 2016, 128, 1-12.	1.7	68
75	Stagnation Point Flow Study with Water Based Nanoparticles Aggregation Over a Stretching Sheet: Numerical Solution. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 8615-8619.	0.4	5
76	Free Convective Nonaligned Non-Newtonian Flow with Non-linear Thermal Radiation. <i>Communications in Theoretical Physics</i> , 2016, 66, 687-693.	1.1	24
77	Peristaltic transport of bi-viscosity fluids through a curved tube: A mathematical model for intestinal flow. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2016, 230, 817-828.	1.0	17
78	Non-Newtonian model study for blood flow through a tapered artery with a stenosis. <i>AEJ - Alexandria Engineering Journal</i> , 2016, 55, 321-329.	3.4	19
79	Blood flow suspension in tapered stenosed arteries for Walter's B fluid model. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 132, 45-55.	2.6	12
80	MODELING NANOPARTICLE GEOMETRY EFFECTS ON PERISTALTIC PUMPING OF MEDICAL MAGNETOHYDRODYNAMIC NANOFUIDS WITH HEAT TRANSFER. <i>Journal of Mechanics in Medicine and Biology</i> , 2016, 16, 1650088.	0.3	33
81	Natural Convective Flow Analysis For Nanofluids With Reynold ^s Model of Viscosity. <i>International Journal of Chemical Reactor Engineering</i> , 2016, 14, 1101-1111.	0.6	4
82	Mixed convective oblique flow of a Casson fluid with partial slip, internal heating and homogeneous“heterogeneous reactions. <i>Journal of Molecular Liquids</i> , 2016, 222, 1010-1019.	2.3	63
83	A numerical study of magnetohydrodynamic transport of nanofluids over a vertical stretching sheet with exponential temperature-dependent viscosity and buoyancy effects. <i>Chemical Physics Letters</i> , 2016, 661, 20-30.	1.2	88
84	Study of heat transfer on physiological driven movement with CNT nanofluids and variable viscosity. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 136, 21-29.	2.6	15
85	A modified two-phase mixture model of nanofluid flow and heat transfer in a 3-D curved microtube. <i>Advanced Powder Technology</i> , 2016, 27, 2175-2185.	2.0	169
86	Thermally developing MHD peristaltic transport of nanofluids with velocity and thermal slip effects. <i>European Physical Journal Plus</i> , 2016, 131, 1.	1.2	17
87	Effect of variable thermal conductivity and thermal radiation with CNTs suspended nanofluid over a stretching sheet with convective slip boundary conditions: Numerical study. <i>Journal of Molecular Liquids</i> , 2016, 222, 279-286.	2.3	71
88	Numerical study of forced convective power law fluid flow through an annulus sector duct. <i>European Physical Journal Plus</i> , 2016, 131, 1.	1.2	19
89	Bio mathematical venture for the metallic nanoparticles due to ciliary motion. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 134, 43-51.	2.6	23
90	Rheological properties of Reiner-Rivlin fluid model for blood flow through tapered artery with stenosis. <i>Journal of the Egyptian Mathematical Society</i> , 2016, 24, 138-142.	0.6	20

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91	ANTI-BACTERIAL APPLICATIONS FOR NEW THERMAL CONDUCTIVITY MODEL IN ARTERIES WITH CNT SUSPENDED NANOFLUID. <i>Journal of Mechanics in Medicine and Biology</i> , 2016, 16, 1650063.	0.3	10
92	Copper oxide nanoparticles analysis with water as base fluid for peristaltic flow in permeable tube with heat transfer. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 130, 22-30.	2.6	75
93	Entropy generation analysis for metachronal beating of ciliated Cu-water nanofluid with magnetic field. <i>International Journal of Exergy</i> , 2016, 19, 41.	0.2	9
94	Magnetic field analysis in a suspension of gyrotactic microorganisms and nanoparticles over a stretching surface. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 410, 72-80.	1.0	65
95	Metallic nanoparticles analysis for the blood flow in tapered stenosed arteries: Application in nanomedicines. <i>International Journal of Biomathematics</i> , 2016, 09, 1650002.	1.5	22
96	Ferromagnetic effects for peristaltic flow of Cu-water nanofluid for different shapes of nanosize particles. <i>Applied Nanoscience (Switzerland)</i> , 2016, 6, 379-385.	1.6	39
97	Impulsion of induced magnetic field for Brownian motion of nanoparticles in peristalsis. <i>Applied Nanoscience (Switzerland)</i> , 2016, 6, 359-370.	1.6	40
98	Influence of thermal and velocity slip on the peristaltic flow of Cu-water nanofluid with magnetic field. <i>Applied Nanoscience (Switzerland)</i> , 2016, 6, 417-423.	1.6	4
99	NANOPARTICLE FRACTION IN AN ANNULUS IN THE JEFFREY FLUID MODEL. <i>Heat Transfer Research</i> , 2016, 47, 707-720.	0.9	2
100	Entropy Generation Analysis for the Peristaltic Flow of Cu-water Nanofluid with Magnetic Field in a Lopsided Channel. <i>Journal of Applied Fluid Mechanics</i> , 2016, 9, 605-613.	0.4	4
101	Influence of Magnetic Field and Slip on Jeffrey Fluid in a Ciliated Symmetric Channel with Metachronal Wave Pattern. <i>Journal of Applied Fluid Mechanics</i> , 2016, 9, 565-572.	0.4	14
102	Non-Aligned Ethylene-Glycol 30% Based Stagnation Point Fluid over a Stretching Surface with Hematite Nano Particles. <i>Journal of Applied Fluid Mechanics</i> , 2016, 9, 1359-1366.	0.4	25
103	Ferromagnetic effects for nanofluid venture through composite permeable stenosed arteries with different nanosize particles. <i>AIP Advances</i> , 2015, 5, .	0.6	28
104	Heat transfer analysis of Rabinowitsch fluid flow due to metachronal wave of cilia. <i>Results in Physics</i> , 2015, 5, 92-98.	2.0	25
105	Peristaltic Flow of a Sutterby Nanofluid with Double-Diffusive Natural Convection. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015, 12, 1546-1552.	0.4	13
106	Heat Transfer Analysis for the Peristaltic Flow of Herschel-Bulkley Fluid in a Nonuniform Inclined Channel. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2015, 70, 23-32.	0.7	15
107	Oblique stagnation flow of Jeffery fluid over a stretching convective surface. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2015, 25, 454-471.	1.6	27
108	Physiological Transportation of Casson Fluid in a Plumb Duct. <i>Communications in Theoretical Physics</i> , 2015, 63, 347-352.	1.1	26

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109	A New Thermal Conductivity Model With Shaped Factor Ferromagnetism Nanoparticles Study for the Blood Flow in Non-Tapered Stenosed Arteries. IEEE Transactions on Nanobioscience, 2015, 14, 780-789.	2.2	13
110	Natural Convective MHD Peristaltic Flow of a Nanofluid with Convective Surface Boundary Conditions. Journal of Computational and Theoretical Nanoscience, 2015, 12, 257-262.	0.4	8
111	Double-Diffusive Natural Convective Peristaltic Flow of a Nanofluid in an Asymmetric Porous Channel. Journal of Computational and Theoretical Nanoscience, 2015, 12, 1553-1559.	0.4	4
112	Oblique Stagnation Point Flow of Carbon Nano Tube Based Fluid Over a Convective Surface. Journal of Computational and Theoretical Nanoscience, 2015, 12, 605-612.	0.4	20
113	Application of Eyring-Powell Fluid Model in Peristalsis with Nano Particles. Journal of Computational and Theoretical Nanoscience, 2015, 12, 94-100.	0.4	26
114	Magnetic field effects for copper suspended nanofluid venture through a composite stenosed arteries with permeable wall. Journal of Magnetism and Magnetic Materials, 2015, 381, 285-291.	1.0	45
115	Influence of magnetic field for metachronal beating of cilia for nanofluid with Newtonian heating. Journal of Magnetism and Magnetic Materials, 2015, 381, 235-242.	1.0	43
116	Numerical analysis of magnetic field effects on Eyring-Powell fluid flow towards a stretching sheet. Journal of Magnetism and Magnetic Materials, 2015, 382, 355-358.	1.0	210
117	Biomathematical analysis of carbon nanotubes due to ciliary motion. International Journal of Biomathematics, 2015, 08, 1550023.	1.5	15
118	Heat transfer analysis of bi-viscous ciliary motion fluid. International Journal of Biomathematics, 2015, 08, 1550026.	1.5	12
119	Bioconvection peristaltic flow in an asymmetric channel filled by nanofluid containing gyrotactic microorganism. International Journal of Numerical Methods for Heat and Fluid Flow, 2015, 25, 214-224.	1.6	37
120	Entropy generation and energy conversion rate for the peristaltic flow in a tube with magnetic field. Energy, 2015, 82, 23-30.	4.5	66
121	Influence of induced magnetic field and heat flux with the suspension of carbon nanotubes for the peristaltic flow in a permeable channel. Journal of Magnetism and Magnetic Materials, 2015, 381, 405-415.	1.0	156
122	Carbon Nano Tubes Analysis for Blood Flow in Stenosed Tapered Arteries. IEEE Nanotechnology Magazine, 2015, 14, 452-463.	1.1	5
123	Entropy Generation Analysis for a CNT Suspension Nanofluid in Plumb Ducts with Peristalsis. Entropy, 2015, 17, 1411-1424.	1.1	41
124	Peristaltic flow with thermal conductivity of H ₂ O + Cu nanofluid and entropy generation. Results in Physics, 2015, 5, 115-124.	2.0	57
125	Ferromagnetic CNT suspended H ₂ O+Cu nanofluid analysis through composite stenosed arteries with permeable wall. Physica E: Low-Dimensional Systems and Nanostructures, 2015, 72, 70-76.	1.3	26
126	Carbon nanotubes analysis for the peristaltic flow in curved channel with heat transfer. Applied Mathematics and Computation, 2015, 259, 231-241.	1.4	26

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127	Mathematical analysis of Phan-Thien's Tanner fluid model for blood in arteries. International Journal of Biomathematics, 2015, 08, 1550064.	1.5	2
128	Mixed convection analysis for blood flow through arteries on Williamson fluid model. International Journal of Biomathematics, 2015, 08, 1550045.	1.5	6
129	Biomathematical study of Sutterby fluid model for blood flow in stenosed arteries. International Journal of Biomathematics, 2015, 08, 1550075.	1.5	20
130	Biological Analysis of Nano Prandtl Fluid Model in a Diverging Tube. Journal of Computational and Theoretical Nanoscience, 2015, 12, 105-112.	0.4	6
131	Biofluidics Study in Digestive System with Thermal Conductivity of Shape Nanosize H ₂ O+Cu Nanoparticles. Journal of Bionic Engineering, 2015, 12, 656-663.	2.7	21
132	Endoscopy Analysis for the Peristaltic Flow of Nanofluids Containing Carbon Nanotubes with Heat Transfer. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2015, 70, 745-755.	0.7	11
133	Effects of nanoparticles on the peristaltic motion of tangent hyperbolic fluid model in an annulus. AEJ - Alexandria Engineering Journal, 2015, 54, 843-851.	3.4	26
134	CNT suspended CuO+H ₂ O nano fluid and energy analysis for the peristaltic flow in a permeable channel. AEJ - Alexandria Engineering Journal, 2015, 54, 623-633.	3.4	14
135	Mathematical study for peristaltic flow of Williamson fluid in a curved channel. International Journal of Biomathematics, 2015, 08, 1550005.	1.5	9
136	Heat transfer and carbon nano tubes analysis for the peristaltic flow in a diverging tube. Meccanica, 2015, 50, 39-47.	1.2	22
137	Influence of magnetic field on peristaltic flow of a Casson fluid in an asymmetric channel: Application in crude oil refinement. Journal of Magnetism and Magnetic Materials, 2015, 378, 463-468.	1.0	109
138	Combined effects of magnetic field and partial slip on obliquely striking rheological fluid over a stretching surface. Journal of Magnetism and Magnetic Materials, 2015, 378, 457-462.	1.0	52
139	Metachronal beating of cilia under the influence of Casson fluid and magnetic field. Journal of Magnetism and Magnetic Materials, 2015, 378, 320-326.	1.0	61
140	Thermal radiation and slip effects on MHD stagnation point flow of nanofluid over a stretching sheet. Physica E: Low-Dimensional Systems and Nanostructures, 2015, 65, 17-23.	1.3	180
141	Numerical and analytical simulation of peristaltic flow of a Jeffrey-six constant fluid. Applicable Analysis, 2015, 94, 1420-1438.	0.6	6
142	DOUBLE-DIFFUSIVE NATURAL CONVECTIVE PERISTALTIC FLOW OF A JEFFREY NANOFUID IN A POROUS CHANNEL. Heat Transfer Research, 2014, 45, 293-307.	0.9	28
143	Influence of heat and chemical reactions on the Sisko fluid model for blood flow through a tapered artery with a mild stenosis. Quaestiones Mathematicae, 2014, 37, 157-177.	0.2	11
144	Blood flow of Carreau fluid in a tapered artery with mixed convection. International Journal of Biomathematics, 2014, 07, 1450068.	1.5	3

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145	Nanofluid Analysis for the Intestinal Flow in a Symmetric Channel. IEEE Transactions on Nanobioscience, 2014, 13, 392-396.	2.2	6
146	Blood flow analysis in tapered stenosed arteries with pseudoplastic characteristics. International Journal of Biomathematics, 2014, 07, 1450065.	1.5	11
147	Metallic Nanoparticles Analysis for the Peristaltic Flow in an Asymmetric Channel With MHD. IEEE Nanotechnology Magazine, 2014, 13, 357-361.	1.1	53
148	Blood flow study of Williamson fluid through stenosed arteries with permeable walls. European Physical Journal Plus, 2014, 129, 1.	1.2	9
149	Peristaltic flow of a tangent hyperbolic fluid with convective boundary condition. European Physical Journal Plus, 2014, 129, 1.	1.2	27
150	Peristaltic Flow of Johnson-Segalman Fluid with Nanoparticles. Journal of Aerospace Engineering, 2014, 27, 404-413.	0.8	1
151	Theoretical Analysis for Peristaltic Flow of Carreau Nano Fluid in a Curved Channel with Compliant Walls. Journal of Computational and Theoretical Nanoscience, 2014, 11, 1443-1452.	0.4	11
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