

Fazle Mabood

List of Publications by Year in descending order

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docs citations

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times ranked

1406
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical simulations for swimming of gyrotactic microorganisms with Williamson nanofluid featuring Wu's slip, activation energy and variable thermal conductivity. Applied Nanoscience (Switzerland), 2023, 13, 131-144.	1.6	8
2	Cattaneo-Christov heat flux model for three-dimensional magnetohydrodynamic flow of an Eyring Powell fluid over an exponentially stretching surface with convective boundary condition. Numerical Methods for Partial Differential Equations, 2023, 39, 242-253.	2.0	9
3	Significance of viscous dissipation on the dynamics of ethylene glycol conveying diamond and silica nanoparticles through a diverging and converging channel. Journal of Thermal Analysis and Calorimetry, 2022, 147, 661-674.	2.0	7
4	Cattaneo-Christov double diffusion on micropolar magneto cross nanofluids with entropy generation. Indian Journal of Physics, 2022, 96, 193-208.	0.9	14
5	Carbon nanotubes-water between stretchable rotating disks with convective boundary conditions: Darcy-Forchheimer scheme. International Journal of Ambient Energy, 2022, 43, 3981-3994.	1.4	14
6	Mixed convective flow and heat transfer of hybrid nanofluid impinging obliquely on a vertical cylinder. International Journal of Ambient Energy, 2022, 43, 4343-4355.	1.4	6
7	Entropy generation analysis in the electro-osmosis-modulated peristaltic flow of Eyring-Powell fluid. Journal of Thermal Analysis and Calorimetry, 2022, 147, 3815-3830.	2.0	12
8	Forced convective micropolar fluid flow through stretchable disk with thermophoresis. Journal of Thermal Analysis and Calorimetry, 2022, 147, 3889-3900.	2.0	2
9	MHD and nonlinear thermal radiation effects on hybrid nanofluid past a wedge with heat source and entropy generation. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 120-137.	1.6	21
10	Thermal analysis for axisymmetric stagnation point flow of viscoelastic magnetised nanofluid over a lubricated disk. International Journal of Ambient Energy, 2022, 43, 5055-5063.	1.4	2
11	Characteristics of thermophoresis and Brownian motion on radiative reactive micropolar fluid flow towards continuously moving flat plate: HAM solution. Mathematics and Computers in Simulation, 2022, 191, 187-202.	2.4	59
12	THERMOMAGNETIC REACTIVE ETHYLENE GLYCOL-METALLIC NANOFUID TRANSPORT FROM A CONVECTIVELY HEATED POROUS SURFACE WITH OHMIC DISSIPATION, HEAT SOURCE, THERMOPHORESIS AND BROWNIAN MOTION EFFECTS. International Journal of Modelling and Simulation, 2022, 42, 782-796.	2.3	41
13	Electro-Osmotic Flow of Prandtl Nanofluids with Thermal and Solutal Slip Flow Constraints: Keller Box Simulations. Arabian Journal for Science and Engineering, 2022, 47, 8439-8456.	1.7	3
14	Hydrothermal variations of radiative nanofluid flow by the influence of nanoparticles diameter and nanolayer. International Communications in Heat and Mass Transfer, 2022, 130, 105781.	2.9	69
15	Numerical analysis of hydromagnetic transport of Casson nanofluid over permeable linearly stretched cylinder with Arrhenius activation energy. International Communications in Heat and Mass Transfer, 2022, 130, 105736.	2.9	44
16	Bioconvection and activation energy dynamisms on radiative sutterby melting nanomaterial with gyrotactic microorganism. Case Studies in Thermal Engineering, 2022, 30, 101749.	2.8	36
17	Effects of non-linear radiation and chemical reaction on Oldroyd-B nanofluid near oblique stagnation point flow. Chinese Journal of Physics, 2022, 77, 1197-1208.	2.0	10
18	Heterogeneous and homogeneous reactive flow of magnetite-water nanofluid over a magnetized moving plate. Propulsion and Power Research, 2022, 11, 265-275.	2.0	11

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19	Cattaneo's Christov model for triple diffusive natural convection flows over horizontal plate with entropy analysis embedded in porous regime. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 4776-4790.	1.1	4
20	Numerical simulation of heat and mass transfer in magnetic nanofluid flow by a rotating disk with variable fluid properties. International Communications in Heat and Mass Transfer, 2022, 133, 105977.	2.9	41
21	Entropy Generation in the Magnetohydrodynamic Jeffrey Nanofluid Flow Over a Stretching Sheet with Wide Range of Engineering Application Parameters. International Journal of Applied and Computational Mathematics, 2022, 8, 1.	0.9	23
22	Thermal performance of unsteady mixed convective Ag/MgO nanohybrid flow near the stagnation point domain of a spinning sphere. International Communications in Heat and Mass Transfer, 2022, 134, 106019.	2.9	60
23	Bidirectional rotating flow of nanofluid over a variable thickened stretching sheet with non-Fourier's heat flux and non-Fick's mass flux theory. PLoS ONE, 2022, 17, e0265443.	1.1	14
24	Thermal analysis of unsteady hybrid nanofluid magneto-hemodynamics flow via overlapped curved stenosed channel. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 8754-8766.	1.1	3
25	On 3D Prandtl nanofluid flow with higher-order chemical reaction. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 3962-3974.	1.1	22
26	Cu-Al ₂ O ₃ -H ₂ O hybrid nanofluid flow with melting heat transfer, irreversibility analysis and nonlinear thermal radiation. Journal of Thermal Analysis and Calorimetry, 2021, 143, 973-984.	2.0	95
27	Entropy analysis of a hydromagnetic micropolar dusty carbon NTs-kerosene nanofluid with heat generation: Darcy's Forchheimer scheme. Journal of Thermal Analysis and Calorimetry, 2021, 143, 2419-2436.	2.0	69
28	Simultaneous results for unsteady flow of MHD hybrid nanoliquid above a flat/slendering surface. Journal of Thermal Analysis and Calorimetry, 2021, 146, 227-239.	2.0	44
29	Electromagnetic flow of SWCNT/MWCNT suspensions with optimized entropy generation and cubic auto catalysis chemical reaction. International Communications in Heat and Mass Transfer, 2021, 120, 104996.	2.9	46
30	Non-orthogonal stagnation point flow of Maxwell nano-material over a stretching cylinder. International Communications in Heat and Mass Transfer, 2021, 120, 105043.	2.9	17
31	Entropy optimization analysis on nonlinear thermal radiative electromagnetic Darcy's Forchheimer flow of SWCNT/MWCNT nanomaterials. Applied Nanoscience (Switzerland), 2021, 11, 399-418.	1.6	39
32	Heat transfer analysis of inclined magnetic field and activation energy in Maxwell nanofluid with thermophoresis effects. Heat Transfer, 2021, 50, 1836-1852.	1.7	0
33	Thermophoresis effect on peristaltic flow of viscous nanofluid in rotating frame. Journal of Thermal Analysis and Calorimetry, 2021, 143, 2621-2635.	2.0	4
34	Rheological features of non-Newtonian nanofluids flows induced by stretchable rotating disk. Physica Scripta, 2021, 96, 035210.	1.2	38
35	Effect of heat radiating and generating second-grade mixed convection flow over a vertical slender cylinder with variable physical properties. International Communications in Heat and Mass Transfer, 2021, 121, 105110.	2.9	19
36	Magneto-Bioconvection Flow of Williamson Nanofluid over an Inclined Plate with Gyrotactic Microorganisms and Entropy Generation. Fluids, 2021, 6, 109.	0.8	85

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37	Flow of three-dimensional radiative Williamson fluid over an inclined stretching sheet with Hall current and n -order chemical reaction. <i>Heat Transfer</i> , 2021, 50, 5400-5417.	1.7	22
38	A numerical model for analysis of binary chemical reaction and activation energy of thermo solutal micropolar nanofluid flow through permeable stretching sheet: nanoparticle study. <i>Physica Scripta</i> , 2021, 96, 075206.	1.2	18
39	Radiation and joule heating effects on electroosmosis-modulated peristaltic flow of Prandtl nanofluid via tapered channel. <i>International Communications in Heat and Mass Transfer</i> , 2021, 123, 105183.	2.9	30
40	Stability analysis and heat transfer of hybrid Cu-Al ₂ O ₃ /H ₂ O nanofluids transport over a stretching surface. <i>International Communications in Heat and Mass Transfer</i> , 2021, 123, 105215.	2.9	28
41	Thermal analysis of higher-order chemical reactive viscoelastic nanofluids flow in porous media via stretching surface. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2021, 235, 6099-6110.	1.1	17
42	Impacts of Stefan blowing and mass convention on flow of Maxwell nanofluid of variable thermal conductivity about a rotating disk. <i>Chinese Journal of Physics</i> , 2021, 71, 260-272.	2.0	47
43	Thermal transport of radiative Williamson fluid over stretchable curved surface. <i>Thermal Science and Engineering Progress</i> , 2021, 23, 100887.	1.3	59
44	Boundary layer flow with forced convective heat transfer and viscous dissipation past a porous rotating disk. <i>Chaos, Solitons and Fractals</i> , 2021, 148, 111055.	2.5	39
45	Nonlinear thermal radiation and activation energy features in axisymmetric rotational stagnation point flow of hybrid nanofluid. <i>International Communications in Heat and Mass Transfer</i> , 2021, 126, 105335.	2.9	17
46	Dynamics of water conveying single-wall carbon nanotubes and magnetite nanoparticles subject to induced magnetic field: A bioconvective model for theranostic applications. <i>International Communications in Heat and Mass Transfer</i> , 2021, 126, 105484.	2.9	23
47	Dynamics of Sutterby fluid flow due to a spinning stretching disk with non-Fourier/Fick heat and mass flux models. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2021, 42, 1247-1258.	1.9	24
48	Convective heat and zero-mass flux conditions in the time-dependent second-grade nanofluid flow by unsteady bidirectional surface movement. <i>Chinese Journal of Physics</i> , 2021, 72, 448-460.	2.0	9
49	Non-linear radiative bioconvection flow of cross nano-material with gyrotatic microorganisms and activation energy. <i>International Communications in Heat and Mass Transfer</i> , 2021, 127, 105530.	2.9	44
50	Heat generation and nonlinear radiation effects on MHD Casson nanofluids over a thin needle embedded in porous medium. <i>International Communications in Heat and Mass Transfer</i> , 2021, 127, 105547.	2.9	27
51	Simulations of unsteady blood flow through curved stenosed channel with effects of entropy generations and magneto-hydrodynamics. <i>International Communications in Heat and Mass Transfer</i> , 2021, 127, 105569.	2.9	12
52	Implications of the third-grade nanomaterials lubrication problem in terms of radiative heat flux: A Keller box analysis. <i>Chemical Physics Letters</i> , 2021, 783, 139041.	1.2	14
53	On the hydrothermal features of radiative Fe ₃ O ₄ -graphene hybrid nanofluid flow over a slippery bended surface with heat source/sink. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 1273-1289.	2.0	98
54	Finite difference simulation for oblique stagnation point flow of viscous nanofluid towards a stretching cylinder. <i>Physica Scripta</i> , 2021, 96, 015212.	1.2	7

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55	Magnetohydrodynamic nonlinear mixed convection flow of reactive tangent hyperbolic nano fluid passing a nonlinear stretchable surface. <i>Physica Scripta</i> , 2021, 96, 015204.	1.2	8
56	A computational study of unsteady radiative magnetohydrodynamic Blasius and Sakiadis flow with leadingâ€edge accretion (ablation). <i>Heat Transfer</i> , 2020, 49, 1355-1373.	1.7	11
57	Heat transfer and buoyancyâ€driven convective MHD flow of nanofluids impinging over a thin needle moving in a parallel stream influenced by Prandtl number. <i>Heat Transfer</i> , 2020, 49, 655-672.	1.7	37
58	Effect of nonlinear radiation on 3D unsteady MHD stagnancy flow of Fe3O4/grapheneâ€water hybrid nanofluid. <i>International Journal of Ambient Energy</i> , 2020, , 1-11.	1.4	45
59	Irreversibility analysis of Cu-TiO2-H2O hybrid-nanofluid impinging on a 3-D stretching sheet in a porous medium with nonlinear radiation: Darcy-Forchheimerâ€™s model. <i>AEJ - Alexandria Engineering Journal</i> , 2020, 59, 5247-5261.	3.4	65
60	Entropy anatomization on Marangoni Maxwell fluid over a rotating disk with nonlinear radiative flux and Arrhenius activation energy. <i>International Communications in Heat and Mass Transfer</i> , 2020, 118, 104857.	2.9	21
61	Numerical simulation for entropy optimized nonlinear radiative flow of GOâ€Al ₂ O ₃ magneto nanomaterials with auto catalysis chemical reaction. <i>Numerical Methods for Partial Differential Equations</i> , 2020, , .	2.0	9
62	Entropy optimized radiative heat transportation in axisymmetric flow of Williamson nanofluid with activation energy. <i>Results in Physics</i> , 2020, 19, 103576.	2.0	35
63	Features of entropy optimization on MHD couple stress nanofluid slip flow with melting heat transfer and nonlinear thermal radiation. <i>Scientific Reports</i> , 2020, 10, 19163.	1.6	26
64	Effects of Slip and Radiation on Convective MHD Casson Nanofluid Flow over a Stretching Sheet Influenced by Variable Viscosity. <i>Journal of Engineering Thermophysics</i> , 2020, 29, 303-315.	0.6	20
65	Bioconvective flow of viscoelastic Nanofluid over a convective rotating stretching disk. <i>International Communications in Heat and Mass Transfer</i> , 2020, 119, 104921.	2.9	49
66	Entropy analysis of non-linear radiative flow of Carreau liquid over curved stretching sheet. <i>International Communications in Heat and Mass Transfer</i> , 2020, 119, 104975.	2.9	38
67	Impact of heat generation/absorption of magnetohydrodynamics Oldroyd-B fluid impinging on an inclined stretching sheet with radiation. <i>Scientific Reports</i> , 2020, 10, 17688.	1.6	24
68	Influencing Al ₂ O ₃ ~Cu in 20%water+80%EG hybrid nano coolant inflow on penetrable tensile surface. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, , 1-17.	1.2	1
69	Dissipative Power-law fluid flow using spectral quasi linearization method over an exponentially stretchable surface with Hall current and power-law slip velocity. <i>International Communications in Heat and Mass Transfer</i> , 2020, 119, 104933.	2.9	33
70	Thermal and species transportation of Eyring-Powell material over a rotating disk with swimming microorganisms: applications to metallurgy. <i>Journal of Materials Research and Technology</i> , 2020, 9, 5577-5590.	2.6	28
71	Features of Cattaneoâ€Christov heat flux model for Stagnation point flow of a Jeffrey fluid impinging over a stretching sheet: A numerical study. <i>Heat Transfer</i> , 2020, 49, 2706-2716.	1.7	13
72	Entropy-optimized radiating water/FCNTs nanofluid boundary-layer flow with convective condition. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	22

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73	Forced convective Maxwell fluid flow through rotating disk under the thermophoretic particles motion. <i>International Communications in Heat and Mass Transfer</i> , 2020, 116, 104693.	2.9	52
74	Two-phase permeable non-Newtonian cross-nanomaterial flow with Arrhenius energy and entropy generation: Darcy-Forchheimer model. <i>Physica Scripta</i> , 2020, 95, 105209.	1.2	44
75	EMHD flow of non-Newtonian nanofluids over thin needle with Robinson's condition and Arrhenius pre-exponential factor law. <i>Physica Scripta</i> , 2020, 95, 115219.	1.2	39
76	Nonlinear Convective Flow of Magnetohydrodynamic Oldroyd 8-Constant Fluid in a Channel With Chemical Reaction and Convective Boundary Condition. <i>Journal of Thermal Science and Engineering Applications</i> , 2020, 12, .	0.8	18
77	ENTROPY GENERATION AND IRREVERSIBILITY ANALYSIS ON FREE CONVECTIVE UNSTEADY MHD CASSON FLUID FLOW OVER A STRETCHING SHEET WITH SORET/DUFOR IN POROUS MEDIA. <i>Special Topics and Reviews in Porous Media</i> , 2020, 11, 595-611.	0.6	17
78	Slip Effects and Entropy Generation on Inclined MHD Flow of Williamson Fluid Through a Permeable Wall with Chemical Reaction via DTM. <i>Mathematical Modelling of Engineering Problems</i> , 2020, 7, 1-9.	0.3	19
79	Inclined magnetic field effects on Marangoni flow of Carreau liquid. <i>Thermal Science</i> , 2020, 24, 1131-1141.	0.5	2
80	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.	1.5	28
81	Homogeneous-heterogeneous reactions in MHD radiative flow of second grade fluid due to a curved stretching surface. <i>International Journal of Heat and Mass Transfer</i> , 2019, 145, 118781.	2.5	57
82	Heat transfer on the cross flow of micropolar fluids over a thin needle moving in a parallel stream influenced by binary chemical reaction and Arrhenius activation energy. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	46
83	Effect of melting and heat generation/absorption on Sisko nanofluid over a stretching surface with nonlinear radiation. <i>Physica Scripta</i> , 2019, 94, 065701.	1.2	38
84	Outlining the impact of melting on MHD Casson fluid flow past a stretching sheet in a porous medium with radiation. <i>Heliyon</i> , 2019, 5, e01216.	1.4	53
85	Multiple Slip Effects on MHD Unsteady Flow Heat and Mass Transfer Impinging on Permeable Stretching Sheet with Radiation. <i>Modelling and Simulation in Engineering</i> , 2019, 2019, 1-11.	0.4	43
86	Numerical study on bi-phase coupled stress fluid in the presence of Hafnium and metallic nanoparticles over an inclined plane. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019, 29, 2854-2869.	1.6	65
87	Multiple Slips Effects on MHD Thermo-Solutal Flow in Porous Media Saturated by Nanofluid. <i>Mathematical Modelling of Engineering Problems</i> , 2019, 6, 502-510.	0.3	4
88	Chemically reacting on MHD boundary-layer flow of nanofluids over a non-linear stretching sheet with heat source/sink and thermal radiation. <i>Thermal Science</i> , 2018, 22, 495-506.	0.5	63
89	Viscous dissipation effects on unsteady mixed convective stagnation point flow using Tiwari-Das nanofluid model. <i>Results in Physics</i> , 2017, 7, 280-287.	2.0	27
90	Effects of chemical reaction and partial slip on the three-dimensional flow of a nanofluid impinging on an exponentially stretching surface. <i>European Physical Journal Plus</i> , 2017, 132, 1.	1.2	62

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91	Effects of chemical reaction on combined heat and mass transfer by laminar mixed convection flow from vertical surface with induced magnetic field and radiation. Journal of Engineering Thermophysics, 2017, 26, 234-255.	0.6	12
92	Casson fluid flow: Free convective heat and mass transfer over an unsteady permeable stretching surface considering viscous dissipation. Journal of Engineering Thermophysics, 2017, 26, 39-52.	0.6	28
93	Radiation effects on stagnation point flow with melting heat transfer and second order slip. Results in Physics, 2017, 7, 31-42.	2.0	46
94	Chemical reaction effects on MHD rotating fluid over a vertical plate embedded in porous medium with heat source. Journal of Engineering Thermophysics, 2017, 26, 399-415.	0.6	13
95	Numerical study of the onset of chemical reaction and heat source on dissipative MHD stagnation point flow of Casson nanofluid over a nonlinear stretching sheet with velocity slip and convective boundary conditions. Journal of Engineering Thermophysics, 2017, 26, 256-271.	0.6	43
96	Hydromagnetic flow of a variable viscosity nanofluid in a rotating permeable channel with hall effects. Journal of Engineering Thermophysics, 2017, 26, 553-566.	0.6	32
97	MHD flow over exponential radiating stretching sheet using homotopy analysis method. Journal of King Saud University, Engineering Sciences, 2017, 29, 68-74.	1.2	63
98	Radiation effects on Williamson nanofluid flow over a heated surface with magnetohydrodynamics. International Journal of Heat and Technology, 2017, 35, 196-204.	0.3	24
99	The new analytical study for boundary-layer slip flow and heat transfer of nanofluid over a stretching sheet. Thermal Science, 2017, 21, 289-301.	0.5	6
100	MHD mixed convection slip flow near a stagnation-point on a non-linearly vertical stretching sheet in the presence of viscous dissipation. Thermal Science, 2017, 21, 2731-2745.	0.5	17
101	On a New Numerical Approach on Micropolar Fluid, Heat and Mass Transfer Over an Unsteady Stretching Sheet Through Porous Media in the Presence of a Heat Source/Sink and Chemical Reaction. , 2016, , .		0
102	Stagnation Point Flow of Nanofluid over a Moving Plate with Convective Boundary Condition and Magnetohydrodynamics. Journal of Engineering (United States), 2016, 2016, 1-11.	0.5	9
103	Analytical Investigation of Magnetohydrodynamic Flow over a Nonlinear Porous Stretching Sheet. Advances in Mathematical Physics, 2016, 2016, 1-6.	0.4	4
104	Forced convection of nanofluid flow across horizontal circular cylinder with convective boundary condition. Journal of Molecular Liquids, 2016, 222, 172-180.	2.3	20
105	MHD Couette-Poiseuille flow of variable viscosity nanofluids in a rotating permeable channel with Hall effects. Journal of Molecular Liquids, 2016, 221, 778-787.	2.3	74
106	Effect of melting heat transfer and thermal radiation on Casson fluid flow in porous medium over moving surface with magnetohydrodynamics. Journal of Engineering Thermophysics, 2016, 25, 536-547.	0.6	32
107	Numerical Study of Unsteady Jeffery Fluid Flow With Magnetic Field Effect and Variable Fluid Properties. Journal of Thermal Science and Engineering Applications, 2016, 8, .	0.8	12
108	MHD flow of a variable viscosity nanofluid over a radially stretching convective surface with radiative heat. Journal of Molecular Liquids, 2016, 219, 624-630.	2.3	176

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109	Effects of prescribed heat flux and transpiration on MHD axisymmetric flow impinging on stretching cylinder. <i>Continuum Mechanics and Thermodynamics</i> , 2016, 28, 1925-1932.	1.4	10
110	Framing the features of Brownian motion and thermophoresis on radiative nanofluid flow past a rotating stretching sheet with magnetohydrodynamics. <i>Results in Physics</i> , 2016, 6, 1015-1023.	2.0	26
111	Unsteady Convective Boundary Layer Flow of Maxwell Fluid with Nonlinear Thermal Radiation: A Numerical Study. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2016, 17, 221-229.	0.4	26
112	Analytical study for unsteady nanofluid MHD Flow impinging on heated stretching sheet. <i>Journal of Molecular Liquids</i> , 2016, 219, 216-223.	2.3	36
113	MHD stagnation point flow heat and mass transfer of nanofluids in porous medium with radiation, viscous dissipation and chemical reaction. <i>Advanced Powder Technology</i> , 2016, 27, 742-749.	2.0	123
114	Melting heat transfer on hydromagnetic flow of a nanofluid over a stretching sheet with radiation and second-order slip. <i>European Physical Journal Plus</i> , 2016, 131, 1.	1.2	72
115	Non-uniform heat source/sink and Soret effects on MHD non-Darcian convective flow past a stretching sheet in a micropolar fluid with radiation. <i>International Journal of Heat and Mass Transfer</i> , 2016, 93, 674-682.	2.5	162
116	Optimal homotopy asymptotic method for solving nth order linear fuzzy initial value problems. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2016, 21, 77-85.	1.0	4
117	Multiple slips effects on MHD Casson fluid flow in porous media with radiation and chemical reaction. <i>Canadian Journal of Physics</i> , 2016, 94, 26-34.	0.4	23
118	Heat and Mass Transfer along Vertical Channel in Porous Medium with Radiation Effect and Slip Condition. <i>International Journal of Heat and Technology</i> , 2016, 34, 129-136.	0.3	13
119	Effects of Soret and Non-Uniform Heat Source on MHD Non-Darcian Convective Flow over a Stretching Sheet in a Dissipative Micropolar Fluid with Radiation. <i>Journal of Applied Fluid Mechanics</i> , 2016, 9, 2503-2513.	0.4	18
120	Homotopy Simulation of Nonlinear Unsteady Rotating Nanofluid Flow from a Spinning Body. <i>International Journal of Engineering Mathematics</i> , 2015, 2015, 1-15.	0.2	26
121	Comparison of Optimal Homotopy Asymptotic and Adomian Decomposition Methods for a Thin Film Flow of a Third Grade Fluid on a Moving Belt. <i>Advances in Mathematical Physics</i> , 2015, 2015, 1-4.	0.4	5
122	Optimal Homotopy Asymptotic Solution for Exothermic Reactions Model with Constant Heat Source in a Porous Medium. <i>Advances in Mathematical Physics</i> , 2015, 2015, 1-4.	0.4	3
123	ANALYTICAL INVESTIGATION FOR FREE CONVECTIVE FLOW OF NON-NEWTONIAN NANOFLUIDS FLOW IN POROUS MEDIA WITH GYROTACTIC MICROORGANISMS. <i>Journal of Porous Media</i> , 2015, 18, 653-663.	1.0	6
124	MHD stagnation point flow and heat transfer impinging on stretching sheet with chemical reaction and transpiration. <i>Chemical Engineering Journal</i> , 2015, 273, 430-437.	6.6	103
125	Melting heat transfer on MHD convective flow of a nanofluid over a stretching sheet with viscous dissipation and second order slip. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 57, 62-68.	2.7	67
126	Approximate analytical modeling of heat and mass transfer in hydromagnetic flow over a non-isothermal stretched surface with heat generation/absorption and transpiration. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 54, 11-19.	2.7	23

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127	Effects of thermal radiation on Casson flow heat and mass transfer around a circular cylinder in porous medium. <i>European Physical Journal Plus</i> , 2015, 130, 1.	1.2	20
128	Approximate Analytical Solution of Stagnation Point Flow and Heat Transfer over an Exponential Stretching Sheet with Convective Boundary Condition. <i>Heat Transfer - Asian Research</i> , 2015, 44, 293-304.	2.8	8
129	MHD boundary layer flow and heat transfer of nanofluids over a nonlinear stretching sheet: A numerical study. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 374, 569-576.	1.0	303
130	Asymptotic solution for heat convection-radiation equation. , 2014, , .		1
131	Optimal homotopy asymptotic method for heat transfer in hollow sphere with robin boundary conditions. <i>Heat Transfer - Asian Research</i> , 2014, 43, 124-133.	2.8	17
132	Analytical modelling of free convection of non-Newtonian nanofluids flow in porous media with gyrotactic microorganisms using OHAM. , 2014, , .		7
133	Comparison of optimal homotopy asymptotic method and homotopy perturbation method for strongly non-linear equation. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2014, 16, 21-26.	1.0	3
134	Homotopy analysis method for boundary layer flow and heat transfer over a permeable flat plate in a Darcian porous medium with radiation effects. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 1217-1224.	2.7	22
135	Approximate analytic solutions for influence of heat transfer on MHD stagnation point flow in porous medium. <i>Computers and Fluids</i> , 2014, 100, 72-78.	1.3	31
136	Combined Analytical-Numerical Solution for MHD Viscous Flow over a Stretching Sheet. <i>Journal of Computational Engineering</i> , 2014, 2014, 1-7.	0.8	2
137	Numerical solution of Painlevé equation I by optimal homotopy asymptotic method. , 2013, , .		1
138	Series Solution for Steady Heat Transfer in a Heat-Generating Fin with Convection and Radiation. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-7.	0.6	6
139	Optimal Homotopy Asymptotic Method for Flow and Heat Transfer of a Viscoelastic Fluid in an Axisymmetric Channel with a Porous Wall. <i>PLoS ONE</i> , 2013, 8, e83581.	1.1	23
140	Asymptotic Solution for a Water Quality Model in a Uniform Stream. <i>International Journal of Engineering Mathematics</i> , 2013, 2013, 1-4.	0.2	3
141	Homotopy Analysis Method for Radiation and Hydrodynamic-Thermal Slips Effects on MHD Flow and Heat Transfer Impinging on Stretching Sheet. <i>Defect and Diffusion Forum</i> , 0, 388, 317-327.	0.4	11
142	Darcy Forchheimer electromagnetic stretched flow of carbon nanotubes over an inclined cylinder: Entropy optimization and quartic chemical reaction. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	1.2	10
143	Features of inclined magnetohydrodynamics on a secondâ€grade fluid impinging on vertical stretching cylinder with suction and Newtonian heating. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	1.2	14
144	Irreversibility intent triple diffusion stream over porous medium plate with radiation and joule heating. <i>Chemical Engineering Communications</i> , 0, , 1-17.	1.5	0

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