

# S Asghar

## List of Publications by Year in descending order

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169  
papers

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169  
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docs citations

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times ranked

1581  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stagnation-point flow of a nanofluid towards a stretching sheet. International Journal of Heat and Mass Transfer, 2011, 54, 5588-5594.	4.8	279
2	Homotopy analysis of MHD flows of an Oldroyd 8-constant fluid. Acta Mechanica, 2004, 168, 213-232.	2.1	210
3	Some simple flows of an Oldroyd-B fluid. International Journal of Engineering Science, 2001, 39, 135-147.	5.0	181
4	Comparison between the HAM and HPM solutions of thin film flows of non-Newtonian fluids on a moving belt. Nonlinear Dynamics, 2007, 50, 27-35.	5.2	173
5	On the analytic solution of the steady flow of a fourth grade fluid. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 355, 18-26.	2.1	171
6	Hall effects on peristaltic flow of a Maxwell fluid in a porous medium. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 363, 397-403.	2.1	167
7	Effects of radiation and magnetic field on the mixed convection stagnation-point flow over a vertical stretching sheet in a porous medium. International Journal of Heat and Mass Transfer, 2010, 53, 466-474.	4.8	151
8	Homotopy Perturbation Method and Axisymmetric Flow over a Stretching Sheet. International Journal of Nonlinear Sciences and Numerical Simulation, 2006, 7, .	1.0	143
9	Effects of mass transfer on MHD flow of casson fluid with chemical reaction and suction. Brazilian Journal of Chemical Engineering, 2013, 30, 187-195.	1.3	138
10	The flow of an elasto-viscous fluid past a stretching sheet with partial slip. Acta Mechanica, 2006, 187, 29-35.	2.1	131
11	The influence of thermal radiation on MHD flow of a second grade fluid. International Journal of Heat and Mass Transfer, 2007, 50, 931-941.	4.8	125
12	Slip effects on the peristaltic transport of MHD fluid with variable viscosity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 1477-1489.	2.1	123
13	PERISTALTIC TRANSPORT OF A THIRD-ORDER FLUID IN A CIRCULAR CYLINDRICAL TUBE. Mathematical Models and Methods in Applied Sciences, 2002, 12, 1691-1706.	3.3	117
14	Periodic unidirectional flows of a viscoelastic fluid with the fractional Maxwell model. Applied Mathematics and Computation, 2004, 151, 153-161.	2.2	114
15	On the MHD flow of a second grade fluid in a porous channel. Computers and Mathematics With Applications, 2007, 54, 407-414.	2.7	113
16	Exact solution for MHD flow of a generalized Oldroyd-B fluid with modified Darcy's law. International Journal of Engineering Science, 2006, 44, 333-339.	5.0	109
17	Radiative effects in a three-dimensional flow of MHD Eyring-Powell fluid. Journal of the Egyptian Mathematical Society, 2013, 21, 379-384.	1.2	101
18	Non-similar analytic solution for MHD flow and heat transfer in a third-order fluid over a stretching sheet. International Journal of Heat and Mass Transfer, 2007, 50, 1723-1736.	4.8	99

#	ARTICLE	IF	CITATIONS
19	Peristaltic transport of an Oldroyd-B fluid in a planar channel. <i>Mathematical Problems in Engineering</i> , 2004, 2004, 347-376.	1.1	96
20	Unsteady flow with heat and mass transfer of a third grade fluid over a stretching surface in the presence of chemical reaction. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 3186-3197.	1.7	93
21	Peristaltic Flow of a Magnetohydrodynamic Johnsonâ€™Segalman Fluid. <i>Nonlinear Dynamics</i> , 2005, 40, 375-385.	5.2	91
22	Squeezed flow and heat transfer over a porous surface for viscous fluid. <i>Heat and Mass Transfer</i> , 2007, 44, 165-173.	2.1	86
23	Some unsteady unidirectional flows of a non-Newtonian fluid. <i>International Journal of Engineering Science</i> , 2000, 38, 337-345.	5.0	85
24	Unsteady flow of a second grade fluid film over an unsteady stretching sheet. <i>Mathematical and Computer Modelling</i> , 2008, 48, 518-526.	2.0	83
25	MHD peristaltic motion of Johnsonâ€™Segalman fluid in a channel with compliant walls. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 5026-5036.	2.1	82
26	Transient flows of a second grade fluid. <i>International Journal of Non-Linear Mechanics</i> , 2004, 39, 1621-1633.	2.6	81
27	Periodic unsteady flows of a non-Newtonian fluid. <i>Acta Mechanica</i> , 1998, 131, 169-175.	2.1	80
28	Effect of wall properties on the peristaltic flow of a third grade fluid in a curved channel with heat and mass transfer. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 5126-5136.	4.8	80
29	Exact peristaltic flow in tubes with an endoscope. <i>Applied Mathematics and Computation</i> , 2006, 182, 359-368.	2.2	75
30	An analysis of peristaltic transport for flow of a Jeffrey fluid. <i>Acta Mechanica</i> , 2007, 193, 101-112.	2.1	71
31	Hydromagnetic couette flow of an Oldroyd-B fluid in a rotating system. <i>International Journal of Engineering Science</i> , 2004, 42, 65-78.	5.0	67
32	Flow of a second grade fluid over a sheet stretching with arbitrary velocities subject to a transverse magnetic field. <i>Applied Mathematics Letters</i> , 2011, 24, 1905-1909.	2.7	64
33	Magnetohydrodynamic flow of an Oldroyd 6-constant fluid. <i>Applied Mathematics and Computation</i> , 2004, 155, 417-425.	2.2	63
34	Peristaltic transport of a third order fluid under the effect of a magnetic field. <i>Computers and Mathematics With Applications</i> , 2007, 53, 1074-1087.	2.7	62
35	On the MHD flow of fractional generalized Burgersâ€™ fluid with modified Darcyâ€™s law. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2007, 23, 257-261.	3.4	60
36	Mixed convection flow of second grade fluid along a vertical stretching flat surface with variable surface temperature. <i>Heat and Mass Transfer</i> , 2007, 43, 1049-1061.	2.1	57

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37	Influence of compliant walls on peristaltic motion with heat/mass transfer and chemical reaction. <i>International Journal of Heat and Mass Transfer</i> , 2012, 55, 3386-3394.	4.8	56
38	Periodic flows of a non-Newtonian fluid between two parallel plates. <i>International Journal of Non-Linear Mechanics</i> , 1999, 34, 895-899.	2.6	55
39	MHD flows of an Oldroyd-B fluid. <i>Mathematical and Computer Modelling</i> , 2002, 36, 987-995.	2.0	55
40	Non-linear peristaltic flow of a non-Newtonian fluid under effect of a magnetic field in a planar channel. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2007, 12, 910-919.	3.3	55
41	Peristaltic flow under the effects of an induced magnetic field and heat and mass transfer. <i>International Journal of Heat and Mass Transfer</i> , 2012, 55, 443-452.	4.8	52
42	Time-dependent three-dimensional boundary layer flow of a Maxwell fluid. <i>Computers and Fluids</i> , 2014, 91, 21-27.	2.5	51
43	Flow induced by non-coaxial rotation of a porous disk executing non-torsional oscillations and a second grade fluid rotating at infinity. <i>Applied Mathematical Modelling</i> , 2004, 28, 591-605.	4.2	50
44	Homotopy Solution for the Channel Flow of a Third Grade Fluid. <i>Nonlinear Dynamics</i> , 2006, 45, 55-64.	5.2	50
45	Non-similar solution for the axisymmetric flow of a third-grade fluid over a radially stretching sheet. <i>Acta Mechanica</i> , 2007, 189, 193-205.	2.1	48
46	Series solution for MHD channel flow of a Jeffery fluid. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2010, 15, 2400-2406.	3.3	48
47	Oscillatory flows of second grade fluid in a porous space. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 2403-2414.	1.7	47
48	Rotating flow of a third grade fluid in a porous space with Hall current. <i>Nonlinear Dynamics</i> , 2007, 49, 83-91.	5.2	46
49	Shrinking flow of second grade fluid in a rotating frame: An analytic solution. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2010, 15, 2932-2941.	3.3	46
50	MHD three-dimensional flow of Jeffrey fluid with Newtonian heating. <i>Journal of Central South University</i> , 2014, 21, 1428-1433.	3.0	46
51	The effect of thermal radiation on the flow of a second grade fluid. <i>Computers and Mathematics With Applications</i> , 2009, 58, 369-379.	2.7	45
52	Hall effects on the unsteady hydromagnetic flows of an Oldroyd-B fluid. <i>International Journal of Engineering Science</i> , 2003, 41, 609-619.	5.0	43
53	Influence of thermal stratification on the radiative flow of Maxwell fluid. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2013, 35, 381-389.	1.6	42
54	Heat transfer analysis in peristaltic flow of MHD Jeffrey fluid with variable thermal conductivity. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2015, 36, 499-516.	3.6	42

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55	Effects of Hall current and heat transfer on flow due to a pull of eccentric rotating disks. International Journal of Heat and Mass Transfer, 2005, 48, 599-607.	4.8	41
56	Effects of slip on the non-linear flows of a third grade fluid. Nonlinear Analysis: Real World Applications, 2010, 11, 139-146.	1.7	41
57	UNSTEADY MAGNETOHYDRODYNAMIC NON-NEWTONIAN FLOW DUE TO NON-COAXIAL ROTATIONS OF DISK AND A FLUID AT INFINITY. Chemical Engineering Communications, 2007, 194, 37-49.	2.6	40
58	HALL EFFECTS ON UNSTEADY FLOW DUE TO NON-COAXIALLY ROTATING DISK AND A FLUID AT INFINITY. Chemical Engineering Communications, 2008, 195, 958-976.	2.6	38
59	Thermal-diffusion and diffusion-thermo effects on axisymmetric flow of a second grade fluid. International Journal of Heat and Mass Transfer, 2011, 54, 3031-3041.	4.8	38
60	Perturbation analysis of a modified second grade fluid over a porous plate. Nonlinear Analysis: Real World Applications, 2011, 12, 1774-1785.	1.7	37
61	The influence of variable viscosity and viscous dissipation on the non-Newtonian flow: An analytical solution. Communications in Nonlinear Science and Numerical Simulation, 2007, 12, 300-313.	3.3	36
62	Fluctuating flow of a third-grade fluid on a porous plate in a rotating medium. International Journal of Non-Linear Mechanics, 2001, 36, 901-916.	2.6	35
63	MHD non-Newtonian flow due to non-coaxial rotations of an accelerated disk and a fluid at infinity. Communications in Nonlinear Science and Numerical Simulation, 2007, 12, 465-485.	3.3	35
64	Influence of induced magnetic field and heat transfer on peristaltic transport of a Carreau fluid. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 3559-3577.	3.3	35
65	Thermal radiation impact in mixed convective peristaltic flow of third grade nanofluid. Results in Physics, 2017, 7, 3687-3695.	4.1	35
66	On the moment of a plane disk in a non-Newtonian fluid. Acta Mechanica, 1999, 136, 125-131.	2.1	34
67	Unsteady periodic flows lows of a magnetohydrodynamic fluid due to noncoaxial rotations of a porous disk and a fluid at infinity. Mathematical and Computer Modelling, 2004, 40, 173-179.	2.0	34
68	Mixed convective stagnation point flow of Carreau fluid with variable properties. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, 39, 3005-3017.	1.6	34
69	The Rayleigh Stokes problem for rectangular pipe in Maxwell and second grade fluid. Meccanica, 2008, 43, 495-504.	2.0	31
70	Analytic solution for axisymmetric flow over a nonlinearly stretching sheet. Archive of Applied Mechanics, 2008, 78, 127-134.	2.2	30
71	Moving boundary in a non-Newtonian fluid. International Journal of Non-Linear Mechanics, 2002, 37, 75-80.	2.6	29
72	Some simple flows of a Burgers's fluid. International Journal of Engineering Science, 2006, 44, 1423-1431.	5.0	29

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73	INFLUENCE OF HEAT TRANSFER IN THE SQUEEZING FLOW BETWEEN PARALLEL DISKS. Chemical Engineering Communications, 2012, 199, 1044-1062.	2.6	29
74	The effect of the slip condition on unsteady flow due to non-coaxial rotations of disk and a fluid at infinity. Meccanica, 2007, 42, 141-148.	2.0	28
75	Unsteady Couette flows in a second grade fluid with variable material properties. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 154-159.	3.3	28
76	Unsteady MHD flow due to non-coaxial rotations of a porous disk and a fluid at infinity. Acta Mechanica, 2001, 151, 127-134.	2.1	26
77	Peristaltic motion of a Burger's fluid in a planar channel. Applied Mathematics and Computation, 2007, 186, 309-329.	2.2	26
78	On the analytic solution of nonlinear flow problem involving Oldroyd 8-constant fluid. Mathematical and Computer Modelling, 2008, 48, 1191-1200.	2.0	25
79	MHD Squeezing Flow of a Micropolar Fluid Between Parallel Disks. Journal of Fluids Engineering, Transactions of the ASME, 2011, 133, .	1.5	25
80	Soret-Dufour effects on three-dimensional flow of third grade fluid. Nuclear Engineering and Design, 2012, 243, 1-14.	1.7	25
81	Hall and ion slip effects on peristaltic flow and heat transfer analysis with Ohmic heating. Applied Mathematics and Mechanics (English Edition), 2014, 35, 1509-1524.	3.6	25
82	Thermodynamics by melting in flow of an Oldroyd-B material. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	25
83	A Mathematical Model of Peristalsis in Tubes through a Porous Medium. Journal of Porous Media, 2006, 9, 55-67.	1.9	25
84	Magnetohydrodynamic flow due to non-coaxial rotations of a porous oscillating disk and a fluid at infinity. International Journal of Engineering Science, 2003, 41, 1177-1196.	5.0	24
85	Analytic Solution for the Magnetohydrodynamic Rotating Flow of Jeffrey Fluid in a Channel. Journal of Fluids Engineering, Transactions of the ASME, 2011, 133, .	1.5	24
86	Variable properties of MHD third order fluid with peristalsis. Results in Physics, 2016, 6, 963-972.	4.1	24
87	MHD rotating flow of a third-grade fluid on an oscillating porous plate. Acta Mechanica, 2001, 152, 177-190.	2.1	22
88	EFFECT OF WALL PROPERTIES ON THE PERISTALTIC FLOW OF A THIRD GRADE FLUID IN A CURVED CHANNEL. Journal of Mechanics in Medicine and Biology, 2012, 12, 1250067.	0.7	22
89	Unsteady MHD flow of a non-newtonian fluid due to eccentric rotations of a porous disk and a fluid at infinity. Acta Mechanica, 2001, 147, 99-109.	2.1	21
90	Effects of Hall current and heat transfer on rotating flow of a second grade fluid through a porous medium. Communications in Nonlinear Science and Numerical Simulation, 2008, 13, 2177-2192.	3.3	21

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91	Thermally Stratified Radiative Flow of Third Grade Fluid over a Stretching Surface. <i>Journal of Thermophysics and Heat Transfer</i> , 2014, 28, 155-161.	1.6	21
92	MHD flow of a third-grade fluid due to eccentric rotations of a porous disk and a fluid at infinity. <i>International Journal of Non-Linear Mechanics</i> , 2003, 38, 501-511.	2.6	19
93	The flow of a non-Newtonian fluid induced due to the oscillations of a porous plate. <i>Mathematical Problems in Engineering</i> , 2004, 2004, 133-143.	1.1	19
94	A mathematical model for the study of gliding motion of bacteria on a layer of non-Newtonian slime. <i>Mathematical Methods in the Applied Sciences</i> , 2004, 27, 1447-1468.	2.3	19
95	On Solutions of Some Non-Linear Differential Equations Arising in Newtonian and Non-Newtonian Fluids. <i>Nonlinear Dynamics</i> , 2004, 35, 229-248.	5.2	18
96	Magnetohydrodynamic transient flows of a non-Newtonian fluid. <i>International Journal of Non-Linear Mechanics</i> , 2005, 40, 589-601.	2.6	18
97	Analytic Solution for Oscillatory Flow in a Channel for Jeffrey Fluid. <i>Journal of Aerospace Engineering</i> , 2014, 27, 644-651.	1.4	18
98	Unsteady flow of a third-grade fluid in the case of suction. <i>Mathematical and Computer Modelling</i> , 2003, 38, 201-208.	2.0	17
99	Gliding motion of bacterium in a non-Newtonian slime. <i>Nonlinear Analysis: Real World Applications</i> , 2007, 8, 853-864.	1.7	17
100	Some Steady MHD Flows of the Second Order Fluid. <i>Meccanica</i> , 2004, 39, 345-355.	2.0	16
101	The flow of a viscoelastic fluid on an oscillating plate. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2004, 84, 65-70.	1.6	16
102	Rotating flow of a third grade fluid by homotopy analysis method. <i>Applied Mathematics and Computation</i> , 2005, 165, 213-221.	2.2	16
103	Effects of partial slip on flow of a third grade fluid. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2006, 22, 393-396.	3.4	16
104	Influence of inclined magnetic field on peristaltic transport of fourth grade fluid in an inclined asymmetric channel. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2010, 41, 553-563.	5.3	16
105	EFFECTS OF HALL CURRENT ON UNSTEADY FLOW OF A SECOND GRADE FLUID IN A ROTATING SYSTEM. <i>Chemical Engineering Communications</i> , 2005, 192, 1272-1284.	2.6	15
106	Exact solutions of second grade aligned MHD fluid with prescribed vorticity. <i>Nonlinear Analysis: Real World Applications</i> , 2009, 10, 2117-2126.	1.7	15
107	Identification of trapping in a peristaltic flow: A new approach using dynamical system theory. <i>Physics of Fluids</i> , 2020, 32, .	4.0	15
108	Unsteady Flow of an Oscillating Porous Disk and a Fluid at Infinity. <i>Meccanica</i> , 1999, 34, 259-265.	2.0	14

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109	Magnetohydrodynamic Rotating Flow of a Second Grade Fluid with a Given Volume Flow Rate Variation. <i>Meccanica</i> , 2004, 39, 483-488.	2.0	14
110	Hall effects on unsteady duct flow of a non-Newtonian fluid in a porous medium. <i>Applied Mathematics and Computation</i> , 2004, 157, 103-114.	2.2	14
111	Slip effects in peristalsis. <i>Numerical Methods for Partial Differential Equations</i> , 2011, 27, 1003-1015.	3.6	14
112	On accelerated flows of an Oldroyd-B fluid in a porous medium. <i>Nonlinear Analysis: Real World Applications</i> , 2008, 9, 1394-1408.	1.7	13
113	Radiation effects in mixed convection flow of a viscous fluid having temperature-dependent density along a permeable vertical plate. <i>Journal of Engineering Physics and Thermophysics</i> , 2012, 85, 339-348.	0.6	13
114	Radiative heat transfer in Powell-Eyring nanofluid with peristalsis. <i>International Journal of Thermophysics</i> , 2019, 40, 1.	2.1	13
115	Exact solutions of thin film flows. <i>Nonlinear Dynamics</i> , 2007, 50, 229-233.	5.2	12
116	Stokes' first problem for a third grade fluid in a porous half space. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2008, 13, 1801-1807.	3.3	12
117	Wall properties and heat transfer analysis of the peristaltic motion in a power-law fluid. <i>International Journal for Numerical Methods in Fluids</i> , 2013, 71, 65-79.	1.6	12
118	Semi-inverse solution for transient MHD flow of a second grade fluid past a stretching surface. <i>AIP Advances</i> , 2015, 5, 127140.	1.3	12
119	Soret and Dufour effects between two rectangular plane walls with heat source/sink. <i>Heat Transfer - Asian Research</i> , 2020, 49, 614-625.	2.8	12
120	Cylindrical wave diffraction by a perfectly conducting strip in a homogeneous bi-isotropic medium. <i>Journal of Modern Optics</i> , 1998, 45, 515-528.	1.3	11
121	Hall effect on the pipe flow of a Burgers' fluid: An exact solution. <i>Nonlinear Analysis: Real World Applications</i> , 2009, 10, 974-979.	1.7	11
122	Soret-Dufour effects on MHD rotating flow of a viscoelastic fluid. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2014, 24, 498-520.	2.8	11
123	Peristaltic flow of a reactive viscous fluid through a porous saturated channel and convective cooling conditions. <i>Journal of Applied Mechanics and Technical Physics</i> , 2015, 56, 580-589.	0.5	11
124	On Stokes' problem for the flow of a third-grade fluid induced by a variable shear stress. <i>Canadian Journal of Physics</i> , 2006, 84, 945-958.	1.1	10
125	Exact solutions in generalized Oldroyd-B fluid. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2012, 33, 411-426.	3.6	10
126	Mixed convective peristaltic transport in a vertical channel with Robin's condition. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2014, 36, 681-695.	1.6	10



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127	NATURAL CONVECTION FLOW OF SECOND-GRADE FLUID ALONG A VERTICAL HEATED SURFACE WITH POWER-LAW TEMPERATURE. <i>Chemical Engineering Communications</i> , 2007, 195, 209-228.	2.6	9
128	Unsteady Flow of Third Grade Fluid With Soret and Dufour Effects. <i>Journal of Heat Transfer</i> , 2012, 134, .	2.1	9
129	HEAT AND MASS TRANSFER ANALYSIS IN VARIABLE VISCOSITY PERISTALTIC FLOW WITH HALL CURRENT AND ION-SLIP. <i>Journal of Mechanics in Medicine and Biology</i> , 2016, 16, 1650047.	0.7	9
130	Thermophoresis and concentration effects in a fourth grade peristaltic flow with convective walls. <i>Journal of Central South University</i> , 2017, 24, 1654-1662.	3.0	9
131	Homotopy Analysis for Stagnation Slip Flow and Heat Transfer on a Moving Plate. <i>Journal of Heat Transfer</i> , 2009, 131, .	2.1	8
132	Series solution for flow of a second-grade fluid in a divergentâ€“convergent channel. <i>Canadian Journal of Physics</i> , 2010, 88, 911-917.	1.1	8
133	Heat transfer in a porous saturated wavy channel with asymmetric convective boundary conditions. <i>Journal of Central South University</i> , 2015, 22, 392-401.	3.0	8
134	Thermal Analysis of a Hydromagnetic Viscoelastic Fluid Flow Over a Continuous Curved Stretching Surface in the Presence of Radiative Heat Flux. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 631-644.	3.0	8
135	The influence of Hall current in a circular duct. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 184-189.	1.7	7
136	Natural convection flow in an open rectangular cavity with cold sidewalls and constant volumetric heat source. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2011, 225, 1191-1201.	2.1	7
137	Peristaltic flow of a secondâ€“order fluid in the presence of an induced magnetic field. <i>International Journal for Numerical Methods in Fluids</i> , 2011, 67, 537-558.	1.6	7
138	Transient mixed convection flow arising due to thermal and mass diffusion over porous sensor surface inside squeezing horizontal channel. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2013, 34, 97-112.	3.6	7
139	Transient flows of Maxwell fluid with slip conditions. <i>Applied Mathematics and Mechanics (English)</i> Tj ETQq1 1 0.784314 rgBJ /Overl	3.6	7
140	Peristaltic Flow of Reactive Viscous Fluid with Temperature Dependent Viscosity. <i>Mathematical and Computational Applications</i> , 2013, 18, 198-220.	1.3	7
141	Stagnation point flow of nanomaterial towards nonlinear stretching surface with melting heat. <i>Neural Computing and Applications</i> , 2018, 30, 509-518.	5.6	7
142	Peristaltic transport of hydromagnetic Jeffrey fluid with temperature-dependent viscosity and thermal conductivity. <i>International Journal of Biomathematics</i> , 2016, 09, 1650029.	2.9	6
143	Diffraction of a cylindrical acoustic wave by an absorbing half-plane in a moving fluid. <i>Journal of the Acoustical Society of America</i> , 1991, 89, 2080-2083.	1.1	5
144	Exact solutions for magnetohydrodynamic flow in a rotating fluid. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2002, 18, 244-251.	3.4	5

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145	Flow of an elasto-viscous fluid past an infinite wall with time-dependent suction. <i>Acta Mechanica</i> , 2002, 153, 133-145.	2.1	5
146	Flow and Heat Transfer Analysis in a Deformable Channel. <i>Journal of Engineering Physics and Thermophysics</i> , 2016, 89, 929-941.	0.6	5
147	Field in an open-ended waveguide satisfying impedance boundary conditions. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 1986, 37, 194-205.	1.4	4
148	The influence of Hall current and heat transfer on the flow of a fourth grade fluid. <i>Numerical Methods for Partial Differential Equations</i> , 2010, 26, 501-518.	3.6	4
149	Peristaltic Flow of Nonconstant Viscosity Fluid with Nonlinear Thermal Radiation. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017, 14, 2681-2693.	0.4	4
150	Diffraction of a spherical electromagnetic wave by a perfectly conducting half plane in a homogeneous biisotropic medium. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 1997, 48, 615-628.	1.4	3
151	Plane wave diffraction by a perfectly conducting strip in a homogeneous biisotropic medium. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 1998, 9, 39-51.	0.6	3
152	Title is missing!. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 1999, 20, 1169-1194.	0.6	3
153	Heat transfer analysis on rotating flow of a second-grade fluid past a porous plate with variable suction. <i>Mathematical Problems in Engineering</i> , 2005, 2005, 555-582.	1.1	2
154	Flow of a third grade fluid due to an accelerated disk. <i>International Journal for Numerical Methods in Fluids</i> , 2010, 63, 887-902.	1.6	2
155	Flow of magnetohydrodynamic viscous fluid by curved configuration with non-linear boundary driven velocity. <i>Journal of Taibah University for Science</i> , 2021, 15, 589-598.	2.5	2
156	Propagation of a moving point source in a stratified medium with fluid flow. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1996, 18, 891-895.	0.4	1
157	Scattering of a spherical electromagnetic wave by a metallic strip. <i>Journal of Modern Optics</i> , 1997, 44, 979-995.	1.3	1
158	Diffraction of an electromagnetic wave from an infinitely long slit in an infinite metallic sheet. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 1997, 18, 1821-1836.	0.6	1
159	Unsteady MHD flow due to noncoaxial rotations of micropolar fluid and an accelerated disk with partial slip condition. <i>Numerical Methods for Partial Differential Equations</i> , 2010, 26, 176-187.	3.6	1
160	Analytical and numerical solution for viscous dissipation effect on the heat transfer in a deformable channel. <i>International Journal for Numerical Methods in Fluids</i> , 2012, 68, 537-545.	1.6	1
161	Soret and Dufour effects in the time-dependent flow with variable free stream. <i>Afrika Matematika</i> , 2015, 26, 1095-1109.	0.8	1
162	Effects of Hall Current and Ion Slip in Peristalsis with Temperature-Dependent Viscosity. <i>Journal of Aerospace Engineering</i> , 2016, 29, .	1.4	1

#	ARTICLE	IF	CITATIONS
163	Mixed convection of a conducting third-grade fluid past an oscillating porous plate. Journal of Engineering Thermophysics, 2017, 26, 60-68.	1.4	1
164	Transport Phenomenon in a Third-Grade Fluid Over an Oscillating Surface. Journal of Applied Mechanics and Technical Physics, 2017, 58, 990-996.	0.5	1
165	Diffraction of planetary waves by an infinite strip. Bulletin of the Australian Mathematical Society, 1974, 10, 293-304.	0.5	0
166	Scattering of sound near an absorbing strip. Japan Journal of Industrial and Applied Mathematics, 1998, 15, 331-343.	0.9	0
167	Spherical Wave Diffraction by a Slit in an Impedance Screen. Journal of Infrared, Millimeter and Terahertz Waves, 1999, 20, 1413-1424.	0.6	0
168	Series Solution of Wire Coating Analysis Involving MHD Johnson-Segalman Fluid. Journal of Aerospace Engineering, 2010, 23, 84-89.	1.4	0
169	Scattering by a screen with fluid flow.. Journal of the Acoustical Society of Japan (E), 1998, 19, 105-111.	0.1	0