S Asghar

List of Publications by Year
in descending order

169 papers	6,674 citations	50276 46 h-index	76900 74 g-index
169 all docs	169 docs citations	169 times ranked	1581 citing authors

#	Article	IF	Citations
1	Thermal Analysis of a Hydromagnetic Viscoelastic Fluid Flow Over a Continuous Curved Stretching Surface in the Presence of Radiative Heat Flux. Arabian Journal for Science and Engineering, 2021, 46, 631-644.	3.0	8
2	Flow of magnetohydrodynamic viscous fluid by curved configuration with non-linear boundary driven velocity. Journal of Taibah University for Science, 2021, 15, 589-598.	2.5	2
3	Soret and Dufour effects between two rectangular plane walls with heat source/sink. Heat Transfer - Asian Research, 2020, 49, 614-625.	2.8	12
4	Identification of trapping in a peristaltic flow: A new approach using dynamical system theory. Physics of Fluids, 2020, 32, .	4.0	15
5	Radiative heat transfer in Powellâ€"Eyring nanofluid with peristalsis. International Journal of Thermophysics, 2019, 40, 1.	2.1	13
6	Stagnation point flow of nanomaterial towards nonlinear stretching surface with melting heat. Neural Computing and Applications, 2018, 30, 509-518.	5.6	7
7	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
8	Mixed convection of a conducting third-grade fluid past an oscillating porous plate. Journal of Engineering Thermophysics, 2017, 26, 60-68.	1.4	1
9	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
10	Thermophoresis and concentration effects in a fourth grade peristaltic flow with convective walls. Journal of Central South University, 2017, 24, 1654-1662.	3.0	9
11	Thermal radiation impact in mixed convective peristaltic flow of third grade nanofluid. Results in Physics, 2017, 7, 3687-3695.	4.1	35
12	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
13	Peristaltic Flow of Nonconstant Viscosity Fluid with Nonlinear Thermal Radiation. Journal of Computational and Theoretical Nanoscience, 2017, 14, 2681-2693.	0.4	4
14	Variable properties of MHD third order fluid with peristalsis. Results in Physics, 2016, 6, 963-972.	4.1	24
15	Flow and Heat Transfer Analysis in a Deformable Channel. Journal of Engineering Physics and Thermophysics, 2016, 89, 929-941.	0.6	5
16	Effects of Hall Current and Ion Slip in Peristalsis with Temperature-Dependent Viscosity. Journal of Aerospace Engineering, 2016, 29, .	1.4	1
17	HEAT AND MASS TRANSFER ANALYSIS IN VARIABLE VISCOSITY PERISTALTIC FLOW WITH HALL CURRENT AND ION-SLIP. Journal of Mechanics in Medicine and Biology, 2016, 16, 1650047.	0.7	9
18	Peristaltic transport of hydromagnetic Jeffrey fluid with temperature-dependent viscosity and thermal conductivity. International Journal of Biomathematics, 2016, 09, 1650029.	2.9	6

#	Article	IF	Citations
19	Semi-inverse solution for transient MHD flow of a second grade fluid past a stretching surface. AIP Advances, 2015, 5, 127140.	1.3	12
20	Heat transfer in a porous saturated wavy channel with asymmetric convective boundary conditions. Journal of Central South University, 2015, 22, 392-401.	3.0	8
21	Heat transfer analysis in peristaltic flow of MHD Jeffrey fluid with variable thermal conductivity. Applied Mathematics and Mechanics (English Edition), 2015, 36, 499-516.	3.6	42
22	Peristaltic flow of a reactive viscous fluid through a porous saturated channel and convective cooling conditions. Journal of Applied Mechanics and Technical Physics, 2015, 56, 580-589.	0.5	11
23	Soret and Dufour effects in the time-dependent flow with variable free stream. Afrika Matematika, 2015, 26, 1095-1109.	0.8	1
24	Soret-Dufour effects on MHD rotating flow of a viscoelastic fluid. International Journal of Numerical Methods for Heat and Fluid Flow, 2014, 24, 498-520.	2.8	11
25	Analytic Solution for Oscillatory Flow in a Channel for Jeffrey Fluid. Journal of Aerospace Engineering, 2014, 27, 644-651.	1.4	18
26	Mixed convective peristaltic transport in a vertical channel with Robin's condition. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2014, 36, 681-695.	1.6	10
27	Time-dependent three-dimensional boundary layer flow of a Maxwell fluid. Computers and Fluids, 2014, 91, 21-27.	2.5	51
28	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
29	Thermally Stratified Radiative Flow of Third Grade Fluid over a Stretching Surface. Journal of Thermophysics and Heat Transfer, 2014, 28, 155-161.	1.6	21
30	MHD three-dimensional flow of Jeffrey fluid with Newtonian heating. Journal of Central South University, 2014, 21, 1428-1433.	3.0	46
31	Wall properties and heat transfer analysis of the peristaltic motion in a power-law fluid. International Journal for Numerical Methods in Fluids, 2013, 71, 65-79.	1.6	12
32	Influence of thermal stratification on the radiative flow of Maxwell fluid. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2013, 35, 381-389.	1.6	42
33	Transient mixed convection flow arising due to thermal and mass diffusion over porous sensor surface inside squeezing horizontal channel. Applied Mathematics and Mechanics (English Edition), 2013, 34, 97-112.	3.6	7
34	Transient flows of Maxwell fluid with slip conditions. Applied Mathematics and Mechanics (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5(	3.6	7
35	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
36	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

#	Article	IF	Citations
37	Peristaltic Flow of Reactive Viscous Fluid with Temperature Dependent Viscosity. Mathematical and Computational Applications, 2013, 18, 198-220.	1.3	7
38	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
39	Unsteady Flow of Third Grade Fluid With Soret and Dufour Effects. Journal of Heat Transfer, 2012, 134, .	2.1	9
40	INFLUENCE OF HEAT TRANSFER IN THE SQUEEZING FLOW BETWEEN PARALLEL DISKS. Chemical Engineering Communications, 2012, 199, 1044-1062.	2.6	29
41	Radiation effects in mixed convection flow of a viscous fluid having temperature-dependent density along a permeable vertical plate. Journal of Engineering Physics and Thermophysics, 2012, 85, 339-348.	0.6	13
42	Exact solutions in generalized Oldroyd-B fluid. Applied Mathematics and Mechanics (English Edition), 2012, 33, 411-426.	3.6	10
43	Peristaltic flow under the effects of an induced magnetic field and heat and mass transfer. International Journal of Heat and Mass Transfer, 2012, 55, 443-452.	4.8	52
44	Influence of compliant walls on peristaltic motion with heat/mass transfer and chemical reaction. International Journal of Heat and Mass Transfer, 2012, 55, 3386-3394.	4.8	56
45	Soretâ€"Dufour effects on three-dimensional flow of third grade fluid. Nuclear Engineering and Design, 2012, 243, 1-14.	1.7	25
46	Analytical and numerical solution for viscous dissipation effect on the heat transfer in a deformable channel. International Journal for Numerical Methods in Fluids, 2012, 68, 537-545.	1.6	1
47	Natural convection flow in an open rectangular cavity with cold sidewalls and constant volumetric heat source. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2011, 225, 1191-1201.	2.1	7
48	Stagnation-point flow of a nanofluid towards a stretching sheet. International Journal of Heat and Mass Transfer, 2011, 54, 5588-5594.	4.8	279
49	Effect of wall properties on the peristaltic flow of a third grade fluid in a curved channel with heat and mass transfer. International Journal of Heat and Mass Transfer, 2011, 54, 5126-5136.	4.8	80
50	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
51	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
52	Slip effects in peristalsis. Numerical Methods for Partial Differential Equations, 2011, 27, 1003-1015.	3.6	14
53	Peristaltic flow of a secondâ€order fluid in the presence of an induced magnetic field. International Journal for Numerical Methods in Fluids, 2011, 67, 537-558.	1.6	7
54	Flow of a second grade fluid over a sheet stretching with arbitrary velocities subject to a transverse magnetic field. Applied Mathematics Letters, 2011, 24, 1905-1909.	2.7	64

#	Article	IF	Citations
55	Perturbation analysis of a modified second grade fluid over a porous plate. Nonlinear Analysis: Real World Applications, 2011, 12, 1774-1785.	1.7	37
56	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
57	MHD Squeezing Flow of a Micropolar Fluid Between Parallel Disks. Journal of Fluids Engineering, Transactions of the ASME, 2011, 133, .	1.5	25
58	Flow of a third grade fluid due to an accelerated disk. International Journal for Numerical Methods in Fluids, 2010, 63, 887-902.	1.6	2
59	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
60	Series solution for MHD channel flow of a Jeffery fluid. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 2400-2406.	3.3	48
61	Influence of inclined magnetic field on peristaltic transport of fourth grade fluid in an inclined asymmetric channel. Journal of the Taiwan Institute of Chemical Engineers, 2010, 41, 553-563.	5.3	16
62	Unsteady MHD flow due to noncoaxial rotations of micropolar fluid and an accelerated disk with partial slip condition. Numerical Methods for Partial Differential Equations, 2010, 26, 176-187.	3.6	1
63	The influence of Hall current and heat transfer on the flow of a fourth grade fluid. Numerical Methods for Partial Differential Equations, 2010, 26, 501-518.	3.6	4
64	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
65	Oscillatory flows of second grade fluid in a porous space. Nonlinear Analysis: Real World Applications, 2010, 11, 2403-2414.	1.7	47
66	The influence of Hall current in a circular duct. Nonlinear Analysis: Real World Applications, 2010, 11, 184-189.	1.7	7
67	Unsteady flow with heat and mass transfer of a third grade fluid over a stretching surface in the presence of chemical reaction. Nonlinear Analysis: Real World Applications, 2010, 11, 3186-3197.	1.7	93
68	Shrinking flow of second grade fluid in a rotating frame: An analytic solution. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 2932-2941.	3.3	46
69	Series Solution of Wire Coating Analysis Involving MHD Johnson-Segalman Fluid. Journal of Aerospace Engineering, 2010, 23, 84-89.	1.4	0
70	Series solution for flow of a second-grade fluid in a divergent–convergent channel. Canadian Journal of Physics, 2010, 88, 911-917.	1.1	8
71	Homotopy Analysis for Stagnation Slip Flow and Heat Transfer on a Moving Plate. Journal of Heat Transfer, 2009, 131, .	2.1	8
72	Exact solutions of second grade aligned MHD fluid with prescribed vorticity. Nonlinear Analysis: Real World Applications, 2009, 10, 2117-2126.	1.7	15

#	Article	IF	Citations
73	Hall effect on the pipe flow of a Burgers' fluid: An exact solution. Nonlinear Analysis: Real World Applications, 2009, 10, 974-979.	1.7	11
74	The effect of thermal radiation on the flow of a second grade fluid. Computers and Mathematics With Applications, 2009, 58, 369-379.	2.7	45
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	Stokes' first problem for a third grade fluid in a porous half space. Communications in Nonlinear Science and Numerical Simulation, 2008, 13, 1801-1807.	3.3	12
77	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
78	MHD peristaltic motion of Johnson–Segalman fluid in a channel with compliant walls. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 5026-5036.	2.1	82
79	The Rayleigh Stokes problem for rectangular pipe in Maxwell and second grade fluid. Meccanica, 2008, 43, 495-504.	2.0	31
80	Analytic solution for axisymmetric flow over a nonlinearly stretching sheet. Archive of Applied Mechanics, 2008, 78, 127-134.	2.2	30
81	Unsteady flow of a second grade fluid film over an unsteady stretching sheet. Mathematical and Computer Modelling, 2008, 48, 518-526.	2.0	83
82	On the analytic solution of nonlinear flow problem involving Oldroyd 8-constant fluid. Mathematical and Computer Modelling, 2008, 48, 1191-1200.	2.0	25
83	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
84	On accelerated flows of an Oldroyd-B fluid in a porous medium. Nonlinear Analysis: Real World Applications, 2008, 9, 1394-1408.	1.7	13
85	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
86	NATURAL CONVECTION FLOW OF SECOND-GRADE FLUID ALONG A VERTICAL HEATED SURFACE WITH POWER-LAW TEMPERATURE. Chemical Engineering Communications, 2007, 195, 209-228.	2.6	9
87	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
88	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
89	Non-linear peristaltic flow of a non-Newtonian fluid under effect of a magnetic field in a planar channel. Communications in Nonlinear Science and Numerical Simulation, 2007, 12, 910-919.	3.3	55
90	Peristaltic transport of a third order fluid under the effect of a magnetic field. Computers and Mathematics With Applications, 2007, 53, 1074-1087.	2.7	62

#	Article	IF	Citations
91	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
92	Peristaltic motion of a Burger's fluid in a planar channel. Applied Mathematics and Computation, 2007, 186, 309-329.	2.2	26
93	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
94	Gliding motion of bacterium in a non-Newtonian slime. Nonlinear Analysis: Real World Applications, 2007, 8, 853-864.	1.7	17
95	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
96	Mixed convection flow of second grade fluid along a vertical stretching flat surface with variable surface temperature. Heat and Mass Transfer, 2007, 43, 1049-1061.	2.1	57
97	Squeezed flow and heat transfer over a porous surface for viscous fluid. Heat and Mass Transfer, 2007, 44, 165-173.	2.1	86
98	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
99	Rotating flow of a third grade fluid in a porous space with Hall current. Nonlinear Dynamics, 2007, 49, 83-91.	5.2	46
100	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
101	Exact solutions of thin film flows. Nonlinear Dynamics, 2007, 50, 229-233.	5.2	12
102	On the MHD flow of fractional generalized Burgers' fluid with modified Darcy's law. Acta Mechanica Sinica/Lixue Xuebao, 2007, 23, 257-261.	3.4	60
103	Non-similar solution for the axisymmetric flow of a third-grade fluid over a radially stretching sheet. Acta Mechanica, 2007, 189, 193-205.	2.1	48
104	An analysis of peristaltic transport for flow of a Jeffrey fluid. Acta Mechanica, 2007, 193, 101-112.	2.1	71
105	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
106	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
107	Homotopy Perturbation Method and Axisymmetric Flow over a Stretching Sheet. International Journal of Nonlinear Sciences and Numerical Simulation, 2006, 7, .	1.0	143
108	On Stokes' problem for the flow of a third-grade fluid induced bya variable shear stress. Canadian Journal of Physics, 2006, 84, 945-958.	1.1	10

#	Article	IF	Citations
109	Exact peristaltic flow in tubes with an endoscope. Applied Mathematics and Computation, 2006, 182, 359-368.	2.2	75
110	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
111	Some simple flows of a Burgers' fluid. International Journal of Engineering Science, 2006, 44, 1423-1431.	5.0	29
112	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
113	Homotopy Solution for the Channel Flow of a Third Grade Fluid. Nonlinear Dynamics, 2006, 45, 55-64.	5.2	50
114	The flow of an elastico-viscous fluid past a stretching sheet with partial slip. Acta Mechanica, 2006, 187, 29-35.	2.1	131
115	Effects of partial slip on flow of a third grade fluid. Acta Mechanica Sinica/Lixue Xuebao, 2006, 22, 393-396.	3.4	16
116	A Mathematical Model of Peristalsis in Tubes through a Porous Medium. Journal of Porous Media, 2006, 9, 55-67.	1.9	25
117	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
118	Magnetohydrodynamic transient flows of a non-Newtonian fluid. International Journal of Non-Linear Mechanics, 2005, 40, 589-601.	2.6	18
119	Rotating flow of a third grade fluid by homotopy analysis method. Applied Mathematics and Computation, 2005, 165, 213-221.	2.2	16
120	Peristaltic Flow of a Magnetohydrodynamic Johnson–Segalman Fluid. Nonlinear Dynamics, 2005, 40, 375-385.	5.2	91
121	Heat transfer analysis on rotating flow of a second-grade fluid past a porous plate with variable suction. Mathematical Problems in Engineering, 2005, 2005, 555-582.	1.1	2
122	EFFECTS OF HALL CURRENT ON UNSTEADY FLOW OF A SECOND GRADE FLUID IN A ROTATING SYSTEM. Chemical Engineering Communications, 2005, 192, 1272-1284.	2.6	15
123	The flow of a non-Newtonian fluid induced due to the oscillations of a porous plate. Mathematical Problems in Engineering, 2004, 2004, 133-143.	1.1	19
124	Some Steady MHD Flows of the Second Order Fluid. Meccanica, 2004, 39, 345-355.	2.0	16
125	Magnetohydrodynamic Rotating Flow of a Second Grade Fluid with a Given Volume Flow Rate Variation. Meccanica, 2004, 39, 483-488.	2.0	14
126	On Solutions of Some Non-Linear Differential Equations Arising in Newtonian and Non-Newtonian Fluids. Nonlinear Dynamics, 2004, 35, 229-248.	5.2	18

#	Article	IF	Citations
127	Peristaltic transport of an Oldroyd-B fluid in a planar channel. Mathematical Problems in Engineering, 2004, 2004, 347-376.	1.1	96
128	Homotopy analysis of MHD flows of an Oldroyd 8-constant fluid. Acta Mechanica, 2004, 168, 213-232.	2.1	210
129	Transient flows of a second grade fluid. International Journal of Non-Linear Mechanics, 2004, 39, 1621-1633.	2.6	81
130	The flow of a viscoelastic fluid on an oscillating plate. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2004, 84, 65-70.	1.6	16
131	Periodic unidirectional flows of a viscoelastic fluid with the fractional Maxwell model. Applied Mathematics and Computation, 2004, 151, 153-161.	2.2	114
132	Magnetohydrodynamic flow of an Oldroyd 6-constant fluid. Applied Mathematics and Computation, 2004, 155, 417-425.	2.2	63
133	A mathematical model for the study of gliding motion of bacteria on a layer of non-Newtonian slime. Mathematical Methods in the Applied Sciences, 2004, 27, 1447-1468.	2.3	19
134	Hydromagnetic couette flow of an Oldroyd-B fluid in a rotating system. International Journal of Engineering Science, 2004, 42, 65-78.	5.0	67
135	Unsteady periodic flows lows of a magnetohydrodynamic fluid due to noncoxial rotations of a porous disk and a fluid at infinity. Mathematical and Computer Modelling, 2004, 40, 173-179.	2.0	34
136	Hall effects on unsteady duct flow of a non-Newtonian fluid in a porous medium. Applied Mathematics and Computation, 2004, 157, 103-114.	2.2	14
137	Flow induced by non-coaxial rotation of a porous disk executing non-torsional oscillations and a second grade fluid rotating at infinity. Applied Mathematical Modelling, 2004, 28, 591-605.	4.2	50
138	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
139	MHD flow of a third-grade fluid due to eccentric rotations of a porous disk and a fluid at infinity. International Journal of Non-Linear Mechanics, 2003, 38, 501-511.	2.6	19
140	Unsteady flow of a third-grade fluid in the case of suction. Mathematical and Computer Modelling, 2003, 38, 201-208.	2.0	17
141	Hall effects on the unsteady hydromagnetic flows of an Oldroyd-B fluid. International Journal of Engineering Science, 2003, 41, 609-619.	5.0	43
142	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
143	Exact solutions for magnetohydrodynamic flow in a rotating fluid. Acta Mechanica Sinica/Lixue Xuebao, 2002, 18, 244-251.	3.4	5
144	Flow of an elastico-viscous fluid past an infinite wall with time-dependent suction. Acta Mechanica, 2002, 153, 133-145.	2.1	5

#	Article	IF	Citations
145	MHD flows of an Oldroyd-B fluid. Mathematical and Computer Modelling, 2002, 36, 987-995.	2.0	55
146	Moving boundary in a non-Newtonian fluid. International Journal of Non-Linear Mechanics, 2002, 37, 75-80.	2.6	29
147	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
148	MHD rotating flow of a third-grade fluid on an oscillating porous plate. Acta Mechanica, 2001, 152, 177-190.	2.1	22
149	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
150	Some simple flows of an Oldroyd-B fluid. International Journal of Engineering Science, 2001, 39, 135-147.	5.0	181
151	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
152	Some unsteady unidirectional flows of a non-Newtonian fluid. International Journal of Engineering Science, 2000, 38, 337-345.	5.0	85
153	On the moment of a plane disk in a non-Newtonian fluid. Acta Mechanica, 1999, 136, 125-131.	2.1	34
154	Periodic flows of a non-Newtonian fluid between two parallel plates. International Journal of Non-Linear Mechanics, 1999, 34, 895-899.	2.6	55
155	Unsteady Flow of an Oscillating Porous Disk and a Fluid at Infinity. Meccanica, 1999, 34, 259-265.	2.0	14
156	Title is missing!. Journal of Infrared, Millimeter and Terahertz Waves, 1999, 20, 1169-1194.	0.6	3
157	Spherical Wave Diffraction by a Slit in an Impedance Screen. Journal of Infrared, Millimeter and Terahertz Waves, 1999, 20, 1413-1424.	0.6	0
158	Scattering of sound near an absorbing strip. Japan Journal of Industrial and Applied Mathematics, 1998, 15, 331-343.	0.9	0
159	Periodic unsteady flows of a non-Newtonian fluid. Acta Mechanica, 1998, 131, 169-175.	2.1	80
160	Cylindrical wave diffraction by a perfectly conducting strip in a homogeneous bi-isotropic medium. Journal of Modern Optics, 1998, 45, 515-528.	1.3	11
161	Plane wave diffraction by a perfectly conducting strip in a homogeneous biisotropic medium. International Journal of Applied Electromagnetics and Mechanics, 1998, 9, 39-51.	0.6	3
162	Scattering by a screen with fluid flow.. Journal of the Acoustical Society of Japan (E), 1998, 19, 105-111.	0.1	0

#	Article	IF	Citations
163	Scattering of a spherical electromagnetic wave by a metallic strip. Journal of Modern Optics, 1997, 44, 979-995.	1.3	1
164	Diffraction of an electromagnetic wave from an infinitely long slit in an infinite metallic sheet. Journal of Infrared, Millimeter and Terahertz Waves, 1997, 18, 1821-1836.	0.6	1
165	Diffraction of a spherical electromagnetic wave by a perfectly conducting half plane in a homogeneous biisotropic medium. Zeitschrift Fur Angewandte Mathematik Und Physik, 1997, 48, 615-628.	1.4	3
166	Propagation of a moving point source in a stratified medium with fluid flow. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1996, 18, 891-895.	0.4	1
167	Diffraction of a cylindrical acoustic wave by an absorbing half-plane in a moving fluid. Journal of the Acoustical Society of America, 1991, 89, 2080-2083.	1.1	5
168	Field in an open-ended waveguide satisfying impedance boundary conditions. Zeitschrift Fur Angewandte Mathematik Und Physik, 1986, 37, 194-205.	1.4	4
169	Diffraction of planetary waves by an infinite strip. Bulletin of the Australian Mathematical Society, 1974, 10, 293-304.	0.5	0