

Awatif

List of Publications by Year in descending order

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77
papers

1,830
citations

304368

22
h-index

288905

40
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78
all docs

78
docs citations

78
times ranked

1153
citing authors

#	ARTICLE	IF	CITATIONS
1	Greener Synthesis, Characterization, and Antimicrobiological Effects of Helba Silver Nanoparticle-PMMA Nanocomposite. International Journal of Polymer Science, 2019, 2019, 1-7.	1.2	15
2	Effects of Rovibrational States ($v_i = n, j_i = m$) on the Dissociation of Hydrogen in Nanosized Atomic Copper Clusters. Journal of Computational and Theoretical Nanoscience, 2017, 14, 5727-5730.	0.4	0
3	Characterization of silver nanoparticles prepared by wet chemical method and their antibacterial and cytotoxicity activities. Tropical Journal of Pharmaceutical Research, 2016, 15, 679.	0.2	2
4	The possible counteractive effect of gold nanoparticles against streptozotocin-induced type 1 diabetes in young male albino rats. Pakistan Journal of Pharmaceutical Sciences, 2016, 29, 823-36.	0.2	2
5	Novel Green Synthesis and Characterization of Nanopolymer Porous Gold Oxide Nanoparticles. Tropical Journal of Pharmaceutical Research, 2015, 14, 1763.	0.2	1
6	Green Synthesis, Characterization, and Antibacterial Activity of Silver/Polystyrene Nanocomposite. Journal of Nanomaterials, 2015, 2015, 1-6.	1.5	21
7	Mesoporous Optical Sinks for Multifunctional Mercury Ion Assessment and Recovery from Water Sources. ACS Applied Materials & Interfaces, 2015, 7, 13217-13231.	4.0	32
8	Hydrogen binding energy of halogenated C40 cage: An intermediate between physisorption and chemisorption. Journal of Molecular Structure, 2015, 1080, 169-175.	1.8	14
9	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.	0.9	12
10	Influence of mixed convection on blood flow of Jeffrey fluid through a tapered stenosed artery. Thermal Science, 2013, 17, 533-546.	0.5	5
11	Melting heat transfer in the stagnation-point flow of third grade fluid past a stretching sheet with viscous dissipation. Thermal Science, 2013, 17, 865-875.	0.5	22
12	New analytical method for the study of natural convection flow of a non-Newtonian fluid. International Journal of Numerical Methods for Heat and Fluid Flow, 2013, 23, 436-450.	1.6	29
13	Slip Effects on Peristaltic Transport in an Inclined Channel with Mass Transfer and Chemical Reaction. Applied Bionics and Biomechanics, 2013, 10, 41-58.	0.5	11
14	Analytical and Numerical Analysis of Vogel's Model of Viscosity on the Peristaltic Flow of Jeffrey Fluid. Journal of Aerospace Engineering, 2012, 25, 64-70.	0.8	13
15	WALL COMPLIANCE EFFECT ON THE FLOW OF COMPRESSIBLE NON-NEWTONIAN FLUID. Journal of Mechanics in Medicine and Biology, 2012, 12, 1250004.	0.3	9
16	SLIP EFFECTS ON PERISTALTIC TRANSPORT OF A MAXWELL FLUID WITH HEAT AND MASS TRANSFER. Journal of Mechanics in Medicine and Biology, 2012, 12, 1250001.	0.3	18
17	Effects of heat and chemical reaction on Jeffrey fluid model with stenosis. Applicable Analysis, 2012, 91, 1631-1647.	0.6	9
18	Stagnation-Point Flow and Heat Transfer of a Casson Fluid towards a Stretching Sheet. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2012, 67, 70-76.	0.7	85

#	ARTICLE	IF	CITATIONS
19	Influence of Melting Heat Transfer in the Stagnation-Point Flow of a Jeffrey Fluid in the Presence of Viscous Dissipation. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2012, 79, .	1.1	27
20	Peristaltic Flow of a Carreau Fluid in a Rectangular Duct. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2012, 134, .	0.8	24
21	Simulation of heating scheme and chemical reactions on the peristaltic flow of an Eyring-Powell fluid. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2012, 22, 764-776.	1.6	10
22	MHD stagnation point flow towards heated shrinking surface subjected to heat generation/absorption. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2012, 33, 631-648.	1.9	9
23	Boundary layer flow of a Jeffrey fluid with convective boundary conditions. <i>International Journal for Numerical Methods in Fluids</i> , 2012, 69, 1350-1362.	0.9	36
24	Simultaneous effects of induced magnetic field and heat and mass transfer on the peristaltic motion of second-order fluid in a channel. <i>International Journal for Numerical Methods in Fluids</i> , 2012, 70, 342-358.	0.9	23
25	MHD Flow of an Oldroyd-B Fluid Through a Porous Channel. <i>International Journal of Chemical Reactor Engineering</i> , 2012, 10, .	0.6	18
26	Peristaltic flow of a nanofluid with slip effects. <i>Meccanica</i> , 2012, 47, 1283-1294.	1.2	86
27	Exact solutions in generalized Oldroyd-B fluid. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2012, 33, 411-426.	1.9	10
28	Three-dimensional rotating flow between two porous walls with slip and heat transfer. <i>International Communications in Heat and Mass Transfer</i> , 2012, 39, 551-555.	2.9	13
29	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.	2.5	56
30	Heat and mass transfer effects on peristaltic flow of an Oldroyd-B fluid in a channel with compliant walls. <i>Heat Transfer - Asian Research</i> , 2012, 41, 63-83.	2.8	8
31	Peristaltic flow of a nanofluid in a non-uniform tube. <i>Heat and Mass Transfer</i> , 2012, 48, 451-459.	1.2	83
32	Influence of Heat and Mass Transfer on Newtonian Biomagnetic Fluid of Blood Flow Through a Tapered Porous Arteries with a Stenosis. <i>Transport in Porous Media</i> , 2012, 91, 81-100.	1.2	18
33	Unsteady three dimensional flow of couple stress fluid over a stretching surface with chemical reaction. <i>Nonlinear Analysis: Modelling and Control</i> , 2012, 17, 47-59.	1.1	63
34	STOKES'S FIRST PROBLEM FOR A ROTATING SISO FLUID WITH POROUS SPACE. <i>Journal of Porous Media</i> , 2012, 15, 1079-1091.	1.0	2
35	Gold Nanoparticles Induce Apoptosis in MCF-7 Human Breast Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 1617-1620.	0.5	124
36	Heat Transfer Analysis on Axisymmetric Mhd Flow of a Micropolar Fluid Between the Radially Stretching Sheets. <i>Journal of Mechanics</i> , 2011, 27, 607-617.	0.7	4

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37	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.	2.5	80
38	Time-dependent three-dimensional flow and mass transfer of elasto-viscous fluid over unsteady stretching sheet. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2011, 32, 167-178.	1.9	19
39	Peristaltic flow of Walter's B fluid in endoscope. <i>Applied Mathematics and Mechanics (English)</i> Tj ETQq1 1 0.784314 rgBT /Overlo	1.9	18
40	Exact solution of electroosmotic flow in generalized Burgers fluid. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2011, 32, 1119-1126.	1.9	16
41	Peristaltic flow of MHD Jeffrey fluid through finite length cylindrical tube. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2011, 32, 1231-1244.	1.9	42
42	Power law fluid model for blood flow through a tapered artery with a stenosis. <i>Applied Mathematics and Computation</i> , 2011, 217, 7108-7116.	1.4	65
43	Peristaltic motion of Phan-Thien-Tanner fluid in the presence of slip condition. <i>Journal of Biorheology</i> , 2011, 25, 8-17.	0.2	7
44	Influence of slip condition on the peristaltic transport in an asymmetric channel with heat transfer: An exact solution. <i>International Journal for Numerical Methods in Fluids</i> , 2011, 67, 1944-1959.	0.9	19
45	Influence of wall properties on peristaltic transport of second grade fluid with heat and mass transfer. <i>Heat Transfer - Asian Research</i> , 2011, 40, 577-592.	2.8	7
46	Effects of slip conditions on stretching flow with ohmic dissipation and thermal radiation. <i>Heat Transfer - Asian Research</i> , 2011, 40, 641-654.	2.8	13
47	Simultaneous effects of partial slip and thermal-diffusion and diffusion-thermo on steady MHD convective flow due to a rotating disk. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011, 16, 4303-4317.	1.7	123
48	Radiation effects on MHD flow of Maxwell fluid in a channel with porous medium. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 854-862.	2.5	84
49	Effects of slip and heat transfer on the peristaltic flow of a third order fluid in an inclined asymmetric channel. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 1654-1664.	2.5	36
50	Peristaltic transport of viscous fluid in a curved channel with compliant walls. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 1615-1621.	2.5	93
51	Effects of mass transfer on the stagnation point flow of an upper-convected Maxwell (UCM) fluid. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 3777-3782.	2.5	74
52	Effects of heat and mass transfer on the peristaltic flow of hyperbolic tangent fluid in an annulus. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 4360-4369.	2.5	39
53	Analytic Solution for the Magnetohydrodynamic Rotating Flow of Jeffrey Fluid in a Channel. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2011, 133, .	0.8	24
54	A Mathematical Model for Studying the Slip Effect on Peristaltic Motion with Heat and Mass Transfer. <i>Chinese Physics Letters</i> , 2011, 28, 034702.	1.3	7

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55	Peristaltic Motion of Power-Law Fluid with Heat and Mass Transfer. Chinese Physics Letters, 2011, 28, 084707.	1.3	8
56	Heat Transfer Analysis for Peristaltic Mechanism in Variable Viscosity Fluid. Chinese Physics Letters, 2011, 28, 044701.	1.3	16
57	MHD Squeezing Flow of a Micropolar Fluid Between Parallel Disks. Journal of Fluids Engineering, Transactions of the ASME, 2011, 133, .	0.8	25
58	Flow of Magnetohydrodynamic Micropolar Fluid Induced by Radially Stretching Sheets. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2011, 66, 53-60.	0.7	2
59	Numerical and series solutions of the peristaltic motion of an Oldroyd 8-constant fluid in an endoscope. Computer Methods in Biomechanics and Biomedical Engineering, 2011, 14, 987-993.	0.9	5
60	Unsteady Three-Dimensional Flow in a Second-Grade Fluid Over a Stretching Surface. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2011, 66, 635-642.	0.7	7
61	A COMPARATIVE STUDY ON MHD FLOW BY TWO DIFFERENT TRANSFORM METHODS. Journal of Porous Media, 2011, 14, 1105-1113.	1.0	2
62	SLIP EFFECTS ON THE OSCILLATORY FLOW IN A POROUS MEDIUM. Journal of Porous Media, 2011, 14, 481-493.	1.0	7
63	Effects of internal heat generation, thermal radiation and buoyancy force on a boundary layer over a vertical plate with a convective surface boundary condition. South African Journal of Science, 2011, 107, .	0.3	7
64	Slip Effects on the Magnetohydrodynamic Peristaltic Flow of a Maxwell Fluid. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2010, 65, 1128-1136.	0.7	5
65	Slip and Heat Transfer Effects on Peristaltic Motion of a Carreau Fluid in an Asymmetric Channel. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2010, 65, 1121-1127.	0.7	2
66	Series solution for flow of a second-grade fluid in a divergentâ€“convergent channel. Canadian Journal of Physics, 2010, 88, 911-917.	0.4	8
67	Magnetohydrodynamic Flow and Mass Transfer of a Jeffery Fluid over a Nonlinear Stretching Surface. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2010, 65, 1111-1120.	0.7	21
68	New periodic and soliton solutions of nonlinear evolution equations. Applied Mathematics and Computation, 2008, 197, 497-506.	1.4	9
69	The solution of the neutron transport equation in a slab with anisotropic scattering. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 84, 339-347.	1.1	8
70	Radiation transfer for a homogeneous half-space with an internal source. Journal of Quantitative Spectroscopy and Radiative Transfer, 2002, 74, 389-394.	1.1	0
71	Heat transfer in a spherical turbid medium with conduction and radiation. Journal of Quantitative Spectroscopy and Radiative Transfer, 2002, 75, 647-659.	1.1	2
72	Radiation transfer by a finite-emitting inhomogeneous medium. Journal of Quantitative Spectroscopy and Radiative Transfer, 1985, 34, 65-73.	1.1	2

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73	Pade approximant calculations for neutron escape probability. Journal Physics D: Applied Physics, 1985, 18, 765-771.	1.3	1
74	Particle transfer in decelerating regions. Astrophysics and Space Science, 1984, 107, 1-9.	0.5	3
75	Radiation transfer for an inhomogeneous half-space with an internal source. Astrophysics and Space Science, 1984, 100, 381-389.	0.5	3
76	Particle transfer in multiregions. Astrophysics and Space Science, 1983, 96, 233-238.	0.5	2
77	The energy albedo for a finite slab. Journal Physics D: Applied Physics, 1982, 15, 949-959.	1.3	0