Dr Ramamoorthymuthuraj

List of Publications by Year
in descending order

20 papers	443 citations	840776 11 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	277 citing authors

#	Article	IF	Citations
1	Effects of chemical reaction and space porosity on MHD mixed convective flow in a vertical asymmetric channel with peristalsis. Mathematical and Computer Modelling, 2011, 54, 1213-1227.	2.0	87
2	Effects of thermal radiation and space porosity on MHD mixed convection flow in a vertical channel using homotopy analysis method. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 2098-2108.	3.3	63
3	Influences of chemical reaction and wall properties on MHD Peristaltic transport of a Dusty fluid with Heat and Mass transfer. AEJ - Alexandria Engineering Journal, 2016, 55, 597-611.	6.4	53
4	Mixed convective heat and mass transfer in a vertical wavy channel with traveling thermal waves and porous medium. Computers and Mathematics With Applications, 2010, 59, 3516-3528.	2.7	39
5	MHD FLOW WITH SLIP EFFECTS AND TEMPERATURE-DEPENDENT HEAT SOURCE IN A VERTICAL WAVY POROUS SPACE. Chemical Engineering Communications, 2010, 197, 1387-1403.	2.6	30
6	A note on heat transfer to MHD oscillatory flow in an asymmetric wavy channel. International Communications in Heat and Mass Transfer, 2010, 37, 1255-1260.	5.6	27
7	PERISTALTIC TRANSPORT OF A JEFFREY FLUID UNDER THE EFFECT OF SLIP IN AN INCLINED ASYMMETRIC CHANNEL. International Journal of Applied Mechanics, 2010, 02, 437-455.	2.2	27
8	MHD oscillatory flow of a Jeffrey fluid in a vertical porous channel with viscous dissipation. Ain Shams Engineering Journal, 2018, 9, 2503-2516.	6.1	22
9	A note on the influence of heat and mass transfer on a peristaltic flow of a viscous fluid in a vertical asymmetric channel with wall slip. Chemical Industry and Chemical Engineering Quarterly, 2012, 18, 483-493.	0.7	19
10	Heat and mass transfer effects on MHD flow of a coupleâ€stress fluid in a horizontal wavy channel with viscous dissipation and porous medium. Heat Transfer - Asian Research, 2013, 42, 403-421.	2.8	18
11	The influence of thermophoretic particle deposition on fully developed MHD mixed convective flow in a vertical channel with thermal-diffusion and diffusion-thermo effects. Ain Shams Engineering Journal, 2015, 6, 671-681.	6.1	17
12	Effects of Thermalâ€Diffusion, Diffusionâ€Thermo, and Space Porosity on <scp>MHD</scp> Mixed Convective Flow of Micropolar Fluid in a Vertical Channel with Viscous Dissipation. Heat Transfer - Asian Research, 2014, 43, 561-576.	2.8	10
13	Combined effects of chemical reaction and temperature dependent heat source on MHD mixed convective flow of a couple-stress fluid in a vertical wavy porous space with travelling thermal waves. Chemical Industry and Chemical Engineering Quarterly, 2012, 18, 305-314.	0.7	9
14	Effects of nonâ€Darcian and temperature dependent heat source on twoâ€phase flow in a vertical porous space with thermal radiation. Heat Transfer - Asian Research, 2019, 48, 5-23.	2.8	6
15	MHD COUETTE FLOW OF POWELL-EYRING FLUID IN AN INCLINED POROUS SPACE IN THE PRESENCE OF A TEMPERATURE-DEPENDENT HEAT SOURCE WITH CHEMICAL REACTION. Journal of Porous Media, 2017, 20, 559-575.	1.9	4
16	COMBINED EFFECTS OF HALL CURRENT, WALL SLIP, VISCOUS DISSIPATION AND SORET EFFECT ON MHD JEFFREY FLUID FLOW IN A VERTICAL CHANNEL WITH PERISTALSIS. JP Journal of Heat and Mass Transfer, 2015, 12, 131-165.	0.2	4
17	MHD UNSTEADY FLOW OF A WILLIAMSON NANOFLUID IN A VERTICAL POROUS SPACE WITH OSCILLATING WALL TEMPERATURE. Frontiers in Heat and Mass Transfer, 0, 7, .	0.2	3
18	An analysis of Bingham Fluid and Jeffrey Fluid Flow in a Horizontal Channel with Plug Flow and Heat Transfer. International Journal of Applied and Computational Mathematics, 2021, 7, 1.	1.6	2

#	Article	IF	Citations
19	Flow of a Thermoviscous Fluid through an Annular Tube with Constriction. Defence Science Journal, 2007, 57, 653-659.	0.8	2
20	<scp>MHD</scp> Flow of a Coupleâ€Stress Fluid and a Viscous Fluid in a Vertical Wavy Porous Space with Traveling Thermal Waves and Temperatureâ€Dependent Heat Source. Heat Transfer - Asian Research, 2014, 43, 134-147.	2.8	1