

Dr Ramamoorthymuthuraj

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

443
citations

949033

11
h-index

889612

19
g-index

20
all docs

20
docs citations

20
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.9	2
2	Effects of non-Darcian and temperature dependent heat source on two-phase flow in a vertical porous space with thermal radiation. Heat Transfer - Asian Research, 2019, 48, 5-23.	2.8	6
3	MHD oscillatory flow of a Jeffrey fluid in a vertical porous channel with viscous dissipation. Ain Shams Engineering Journal, 2018, 9, 2503-2516.	3.5	22
4	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.	1.0	4
5	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.	3.4	53
6	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.	3.5	17
7	COMBINED EFFECTS OF HALL CURRENT, WALL SLIP, VISCOUS DISSIPATION AND SORLET EFFECT ON MHD JEFFREY FLUID FLOW IN A VERTICAL CHANNEL WITH PERISTALSIS. JP Journal of Heat and Mass Transfer, 2015, 12, 131-165.	0.1	4
8	MHD Flow of a Couple-stress Fluid and a Viscous Fluid in a Vertical Wavy Porous Space with Traveling Thermal Waves and Temperature-Dependent Heat Source. Heat Transfer - Asian Research, 2014, 43, 134-147.	2.8	1
9	Effects of Thermal-Diffusion, Diffusion-Thermo, and Space Porosity on MHD Mixed Convective Flow of Micropolar Fluid in a Vertical Channel with Viscous Dissipation. Heat Transfer - Asian Research, 2014, 43, 561-576.	2.8	10
10	Heat and mass transfer effects on MHD flow of a couple-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	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.	0.4	19
12	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.	0.4	9
13	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
14	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.	1.4	39
15	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.	1.7	63
16	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.	2.9	27
17	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.	1.3	27
18	MHD FLOW WITH SLIP EFFECTS AND TEMPERATURE-DEPENDENT HEAT SOURCE IN A VERTICAL WAVY POROUS SPACE. Chemical Engineering Communications, 2010, 197, 1387-1403.	1.5	30

#	ARTICLE	IF	CITATIONS
19	Flow of a Thermoviscous Fluid through an Annular Tube with Constriction. Defence Science Journal, 2007, 57, 653-659.	0.5	2
20	MHD UNSTEADY FLOW OF A WILLIAMSON NANOFLUID IN A VERTICAL POROUS SPACE WITH OSCILLATING WALL TEMPERATURE. Frontiers in Heat and Mass Transfer, 0, 7, .	0.1	3