

# Paluru Sreedevi

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,133  
citations

201385

27  
h-index

253896

43  
g-index

51  
all docs

51  
docs citations

51  
times ranked

877  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of chemical reaction and double stratification on heat and mass transfer characteristics of nanofluid flow over porous stretching sheet with thermal radiation. <i>International Journal of Ambient Energy</i> , 2022, 43, 1626-1636.	1.4	61
2	Heat and mass transfer analysis of nanofluid flow over swirling cylinder with Cattaneo-Christov heat flux. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 3453-3468.	2.0	31
3	Effect of magnetic field and thermal radiation on natural convection in a square cavity filled with TiO <sub>2</sub> nanoparticles using Tiwari-Das nanofluid model. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 1529-1541.	3.4	59
4	Impact of the Cattaneo-Christov heat flux on heat and mass transfer analysis of a hybrid nanofluid flow over a vertical cone. <i>International Journal of Ambient Energy</i> , 2022, 43, 6919-6931.	1.4	5
5	Heat and mass transfer analysis of MWCNT-kerosene nanofluid flow over a wedge with thermal radiation. <i>Heat Transfer</i> , 2021, 50, 10-33.	1.7	43
6	Buongiorno's model nanofluid natural convection inside a square cavity with thermal radiation. <i>Chinese Journal of Physics</i> , 2021, 72, 327-344.	2.0	40
7	Heat and mass transfer characteristics of radiative hybrid nanofluid flow over a stretching sheet with chemical reaction. <i>Heat Transfer</i> , 2021, 50, 2929-2949.	1.7	19
8	Effect of thermal radiation and volume fraction on carbon nanotubes based nanofluid flow inside a square chamber. <i>AEJ - Alexandria Engineering Journal</i> , 2021, 60, 1807-1817.	3.4	39
9	Entropy generation and heat transfer analysis of magnetic hybrid nanofluid inside a square cavity with thermal radiation. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	15
10	Effect of zero mass flux condition on heat and mass transfer analysis of nanofluid flow inside a cavity with magnetic field. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	12
11	Flow and heat transfer analysis of carbon nanotubes based nanofluid flow inside a cavity with modified Fourier heat flux. <i>Physica Scripta</i> , 2021, 96, 055215.	1.2	23
12	Entropy generation and heat transfer analysis of alumina and carbon nanotubes based hybrid nanofluid inside a cavity. <i>Physica Scripta</i> , 2021, 96, 085210.	1.2	35
13	Impact of heat generation/absorption on heat and mass transfer of nanofluid over rotating disk filled with carbon nanotubes. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021, 31, 2962-2985.	1.6	16
14	Effect of Cattaneo-Christov heat flux on heat and mass transfer characteristics of Maxwell hybrid nanofluid flow over stretching/shrinking sheet. <i>Physica Scripta</i> , 2021, 96, 125237.	1.2	25
15	A comparative study of Al <sub>2</sub> O <sub>3</sub> and TiO <sub>2</sub> nanofluid flow over a wedge with non-linear thermal radiation. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2020, 30, 1291-1317.	1.6	47
16	MHD boundary layer heat and mass transfer flow of nanofluid through porous media over inclined plate with chemical reaction. <i>Multidiscipline Modeling in Materials and Structures</i> , 2020, 17, 317-336.	0.6	17
17	A comparative analysis of unsteady and steady Buongiorno's Williamson nanoliquid flow over a wedge with slip effects. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 1767-1777.	1.7	18
18	Heat and mass transfer analysis of unsteady hybrid nanofluid flow over a stretching sheet with thermal radiation. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	131

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19	Impact of homogeneous and heterogeneous reactions on heat and mass transfer flow of Au and Ag Maxwell nanofluid past a horizontal stretched cylinder. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 141, 533-546.	2.0	54
20	Impact of Convective Boundary Condition on Heat and Mass Transfer of Nanofluid Flow Over a Thin Needle Filled with Carbon Nanotubes. <i>Journal of Nanofluids</i> , 2020, 9, 282-292.	1.4	14
21	COMBINED INFLUENCE OF BROWNIAN MOTION AND THERMOPHORESIS ON MAXWELL THREE-DIMENSIONAL NANOFLUID FLOW OVER STRETCHING SHEET WITH CHEMICAL REACTION AND THERMAL RADIATION. <i>Journal of Porous Media</i> , 2020, 23, 327-340.	1.0	38
22	Effect of SWCNTs and MWCNTs Maxwell MHD nanofluid flow between two stretchable rotating disks under convective boundary conditions. <i>Heat Transfer - Asian Research</i> , 2019, 48, 4105-4132.	2.8	48
23	Carreau nanofluid heat and mass transfer flow through wedge with slip conditions and nonlinear thermal radiation. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	0.8	62
24	MHD boundary layer flow of SWCNT-water and MWCNT-water nanofluid over a vertical cone with heat generation/absorption. <i>Heat Transfer - Asian Research</i> , 2019, 48, 539-555.	2.8	11
25	HEAT AND MASS TRANSFER ANALYSIS OF STEADY AND UNSTEADY NANOFLUID FLOW OVER A STRETCHING SHEET WITH DOUBLE STRATIFICATION. <i>Nanoscience and Technology</i> , 2019, 10, 247-277.	0.6	2
26	Influence of magnetic field and thermal radiation on convective flow of SWCNTs-water and MWCNTs-water nanofluid between rotating stretchable disks with convective boundary conditions. <i>Powder Technology</i> , 2018, 331, 326-337.	2.1	61
27	Heat and mass transfer characteristics of nanofluid over horizontal circular cylinder. <i>Ain Shams Engineering Journal</i> , 2018, 9, 707-716.	3.5	24
28	Magneto-hydrodynamics heat and mass transfer analysis of single and multi-wall carbon nanotubes over vertical cone with convective boundary condition. <i>International Journal of Mechanical Sciences</i> , 2018, 135, 646-655.	3.6	103
29	Flow and heat transfer analysis of carbon nanotubes-based Maxwell nanofluid flow driven by rotating stretchable disks with thermal radiation. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018, 40, 1.	0.8	47
30	Magneto-hydrodynamic (MHD) boundary layer heat and mass transfer characteristics of nanofluid over a vertical cone under convective boundary condition. <i>Propulsion and Power Research</i> , 2018, 7, 308-319.	2.0	60
31	Heat and mass transfer enhancement of SWCNTs and MWCNTs based Maxwell nanofluid flow over a vertical cone with slip effects. <i>Powder Technology</i> , 2018, 340, 253-263.	2.1	37
32	HEAT AND MASS TRANSFER BOUNDARY-LAYER FLOW OVER A VERTICAL CONE THROUGH POROUS MEDIA FILLED WITH A Cu-WATER AND Ag-WATER NANOFLUID. <i>Heat Transfer Research</i> , 2018, 49, 119-143.	0.9	26
33	Heat and mass transfer analysis in natural convection flow of nanofluid over a vertical cone with chemical reaction. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2017, 27, 2-22.	1.6	35
34	MHD heat and mass transfer flow of a nanofluid over an inclined vertical porous plate with radiation and heat generation/absorption. <i>Advanced Powder Technology</i> , 2017, 28, 1008-1017.	2.0	68
35	Heat and mass transfer analysis of nanofluid over linear and non-linear stretching surfaces with thermal radiation and chemical reaction. <i>Powder Technology</i> , 2017, 315, 194-204.	2.1	87
36	MHD boundary layer flow, heat and mass transfer analysis over a rotating disk through porous medium saturated by Cu-water and Ag-water nanofluid with chemical reaction. <i>Powder Technology</i> , 2017, 307, 46-55.	2.1	180

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37	Heat and Mass Transfer Flow of a Nanofluid over an Inclined Plate under Enhanced Boundary Conditions with Magnetic Field and Thermal Radiation. <i>Heat Transfer - Asian Research</i> , 2017, 46, 815-839.	2.8	28
38	Heat and Mass Transfer Flow Over a Vertical Cone Through Nanofluid Saturated Porous Medium Under Convective Boundary Condition Suction/Injection. <i>Journal of Nanofluids</i> , 2017, 6, 478-486.	1.4	36
39	Effect of Brownian Motion and Thermophoresis on Heat and Mass Transfer Flow Over a Horizontal Circular Cylinder Filled with Nanofluid. <i>Journal of Nanofluids</i> , 2017, 6, 702-710.	1.4	9
40	MHD Boundary Layer Heat and Mass Transfer Flow Over a Vertical Cone Embedded in Porous Media Filled with Al <sub>2</sub> O <sub>3</sub> -Water and Cu-Water Nanofluid. <i>Journal of Nanofluids</i> , 2017, 6, 883-891.	1.4	19
41	MHD NATURAL CONVECTION BOUNDARY LAYER FLOW OF NANOFUID OVER A VERTICAL CONE WITH CHEMICAL REACTION AND SUCTION/INJECTION. <i>Computational Thermal Sciences</i> , 2017, 9, 165-182.	0.5	9
42	THERMODIFFUSION AND DIFFUSION - THERMO EFFECTS ON MHD HEAT AND MASS TRANSFER OF MICROPOLAR FLUID OVER A STRETCHING SHEET. <i>International Journal of Fluid Mechanics Research</i> , 2017, 44, 241-256.	0.4	3
43	HEAT AND MASS TRANSFER CHARACTERISTICS OF Al <sub>2</sub> O <sub>3</sub> -WATER AND Ag-WATER NANOFUID THROUGH POROUS MEDIA OVER A VERTICAL CONE WITH HEAT GENERATION/ABSORPTION. <i>Journal of Porous Media</i> , 2017, 20, 1-17.	1.0	42
44	Soret and Dufour effects on MHD convective flow of Al <sub>2</sub> O <sub>3</sub> -water and TiO <sub>2</sub> -water nanofluids past a stretching sheet in porous media with heat generation/absorption. <i>Advanced Powder Technology</i> , 2016, 27, 1207-1218.	2.0	204
45	Influence of size, shape, type of nanoparticles, type and temperature of the base fluid on natural convection MHD of nanofluids. <i>AEJ - Alexandria Engineering Journal</i> , 2016, 55, 331-341.	3.4	80
46	Soret and Dufour Effects on Unsteady MHD Heat and Mass Transfer from a Permeable Stretching Sheet with Thermophoresis and Non-Uniform Heat Generation/Absorption. <i>Journal of Applied Fluid Mechanics</i> , 2016, 9, 2443-2455.	0.4	38
47	MHD Natural Convection Heat and Mass Transfer of Al <sub>2</sub> O <sub>3</sub> -Water and Ag-Water Nanofluids over a Vertical Cone with Chemical Reaction. <i>Procedia Engineering</i> , 2015, 127, 476-484.	1.2	18
48	Effect of magnetic field and radiation on heat transfer analysis of nanofluid inside a square cavity filled with silver nanoparticles: Tiwari's model. <i>Waves in Random and Complex Media</i> , 0, , 1-19.	1.6	17
49	Williamson hybrid nanofluid flow over swirling cylinder with Cattaneo-Christov heat flux and gyrotactic microorganism. <i>Waves in Random and Complex Media</i> , 0, , 1-28.	1.6	13
50	Effect of thermal radiation on heat transfer and entropy generation analysis of MHD hybrid nanofluid inside a square cavity. <i>Waves in Random and Complex Media</i> , 0, , 1-33.	1.6	14
51	Impact of modified Fourier's heat flux on the heat transfer of MgO/Fe <sub>3</sub> O <sub>4</sub> -based hybrid nanofluid flow inside a square chamber. <i>Waves in Random and Complex Media</i> , 0, , 1-23.	1.6	10