P Sreedevi

List of Publications by Year
in descending order

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28	1,179	430874	610901
papers	citations	18 h-index	24 g-index

28	28	28	537
all docs	docs citations	times ranked	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. International Journal of Ambient Energy, 2022, 43, 1626-1636.	2.5	61
2	Heat and mass transfer analysis of nanofluid flow over swirling cylinder with Cattaneoâ€“Christov heat flux. Journal of Thermal Analysis and Calorimetry, 2022, 147, 3453-3468.	3.6	31
3	Effect of magnetic field and thermal radiation on natural convection in a square cavity filled with TiO2 nanoparticles using Tiwari-Das nanofluid model. AEJ - Alexandria Engineering Journal, 2022, 61, 1529-1541.	6.4	59
4	Maxwell nanofluid heat and mass transfer analysis over a stretching sheet. Heat Transfer, 2022, 51, 2905-2931.	3.0	2
5	Entropy generation and heat transfer analysis of magnetic nanofluid flow inside a square cavity filled with carbon nanotubes. Chemical Thermodynamics and Thermal Analysis, 2022, 6, 100045.	1.5	22
6	Impact of the Cattaneoâ€“Christov heat flux on heat and mass transfer analysis of a hybrid nanofluid flow over a vertical cone. International Journal of Ambient Energy, 2022, 43, 6919-6931.	2.5	5
7	Buongiorno's model nanofluid natural convection inside a square cavity with thermal radiation. Chinese Journal of Physics, 2021, 72, 327-344.	3.9	40
8	Effect of thermal radiation and volume fraction on carbon nanotubes based nanofluid flow inside a square chamber. AEJ - Alexandria Engineering Journal, 2021, 60, 1807-1817.	6.4	39
9	Entropy generation and heat transfer analysis of magnetic hybrid nanofluid inside a square cavity with thermal radiation. European Physical Journal Plus, 2021, 136, 1.	2.6	15
10	Effect of zero mass flux condition on heat and mass transfer analysis of nanofluid flow inside a cavity with magnetic field. European Physical Journal Plus, 2021, 136, 1.	2.6	12
11	Flow and heat transfer analysis of carbon nanotubes based nanofluid flow inside a cavity with modified Fourier heat flux. Physica Scripta, 2021, 96, 055215.	2.5	23
12	Entropy generation and heat transfer analysis of alumina and carbon nanotubes based hybrid nanofluid inside a cavity. Physica Scripta, 2021, 96, 085210.	2.5	35
13	Effect of Cattaneo â€“ Christov heat flux on heat and mass transfer characteristics of Maxwell hybrid nanofluid flow over stretching/shrinking sheet. Physica Scripta, 2021, 96, 125237.	2.5	25
14	MHD boundary layer heat and mass transfer flow of nanofluid through porous media over inclined plate with chemical reaction. Multidiscipline Modeling in Materials and Structures, 2020, 17, 317-336.	1.3	17
15	Heat and mass transfer analysis of unsteady hybrid nanofluid flow over a stretching sheet with thermal radiation. SN Applied Sciences, 2020, 2, 1.	2.9	131
16	Impact of homogeneousâ€“heterogeneous reactions on heat and mass transfer flow of Auâ€“Eg and Agâ€“Eg Maxwell nanofluid past a horizontal stretched cylinder. Journal of Thermal Analysis and Calorimetry, 2020, 141, 533-546.	3.6	54
17	Impact of Convective Boundary Condition on Heat and Mass Transfer of Nanofluid Flow Over a Thin Needle Filled with Carbon Nanotubes. Journal of Nanofluids, 2020, 9, 282-292.	2.7	14
18	Effect of SWCNTs and MWCNTs Maxwell MHD nanofluid flow between two stretchable rotating disks under convective boundary conditions. Heat Transfer - Asian Research, 2019, 48, 4105-4132.	2.8	48

#	Article	IF	Citations
19	Magneto-hydrodynamics heat and mass transfer analysis of single and multi-wall carbon nanotubes over vertical cone with convective boundary condition. International Journal of Mechanical Sciences, 2018, 135, 646-655.	6.7	103
20	Magnetohydrodynamic (MHD) boundary layer heat and mass transfer characteristics of nanofluid over a vertical cone under convective boundary condition. Propulsion and Power Research, 2018, 7, 308-319.	4.3	60
21	HEAT AND MASS TRANSFER BOUNDARY-LAYER FLOW OVER A VERTICAL CONE THROUGH POROUS MEDIA FILLED WITH A Cuâ€“WATER AND Agâ€“WATER NANOFLUID. Heat Transfer Research, 2018, 49, 119-143.	1.6	26
22	Heat and mass transfer analysis of nanofluid over linear and non-linear stretching surfaces with thermal radiation and chemical reaction. Powder Technology, 2017, 315, 194-204.	4.2	87
23	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. Powder Technology, 2017, 307, 46-55.	4.2	180
24	Heat and Mass Transfer Flow Over a Vertical Cone Through Nanofluid Saturated Porous Medium Under Convective Boundary Condition Suction/Injection. Journal of Nanofluids, 2017, 6, 478-486.	2.7	36
25	Effect of magnetic field and radiation on heat transfer analysis of nanofluid inside a square cavity filled with silver nanoparticles: Tiwariâ€“Das model. Waves in Random and Complex Media, 0, , 1-19.	2.7	17
26	Williamson hybrid nanofluid flow over swirling cylinder with Cattaneoâ€“Christov heat flux and gyrotactic microorganism. Waves in Random and Complex Media, 0, , 1-28.	2.7	13
27	Effect of thermal radiation on heat transfer and entropy generation analysis of MHD hybrid nanofluid inside a square cavity. Waves in Random and Complex Media, 0, , 1-33.	2.7	14
28	Impact of modified Fourierâ€™s heat flux on the heat transfer of MgO/Fe₃O₄â€“Eg-based hybrid nanofluid flow inside a square chamber. Waves in Random and Complex Media, 0, , 1-23.	2.7	10