

P Sreedevi

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,179
citations

430874

18
h-index

610901

24
g-index

28
all docs

28
docs citations

28
times ranked

537
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Magneto-hydrodynamic (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
7	Effect of magnetic field and thermal radiation on natural convection in a square cavity filled with TiO ₂ nanoparticles using Tiwari-Das nanofluid model. AEJ - Alexandria Engineering Journal, 2022, 61, 1529-1541.	6.4	59
8	Impact of homogeneous and heterogeneous reactions on heat and mass transfer flow of Au and Ag Maxwell nanofluid past a horizontal stretched cylinder. Journal of Thermal Analysis and Calorimetry, 2020, 141, 533-546.	3.6	54
9	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
10	Buongiorno's model nanofluid natural convection inside a square cavity with thermal radiation. Chinese Journal of Physics, 2021, 72, 327-344.	3.9	40
11	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
12	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
13	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
14	Heat and mass transfer analysis of nanofluid flow over swirling cylinder with Cattaneo-Christov heat flux. Journal of Thermal Analysis and Calorimetry, 2022, 147, 3453-3468.	3.6	31
15	HEAT AND MASS TRANSFER BOUNDARY-LAYER FLOW OVER A VERTICAL CONE THROUGH POROUS MEDIA FILLED WITH A Cu-WATER AND Ag-WATER NANOFLUID. Heat Transfer Research, 2018, 49, 119-143.	1.6	26
16	Effect of Cattaneo-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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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.	1.3	17
20	Effect of magnetic field and radiation on heat transfer analysis of nanofluid inside a square cavity filled with silver nanoparticles: Tiwari's Das model. <i>Waves in Random and Complex Media</i> , 0, , 1-19.	2.7	17
21	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.	2.6	15
22	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.	2.7	14
23	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.	2.7	14
24	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.	2.7	13
25	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.	2.6	12
26	Impact of modified Fourier's heat flux on the heat transfer of MgO/Fe ₃ O ₄ -Eg-based hybrid nanofluid flow inside a square chamber. <i>Waves in Random and Complex Media</i> , 0, , 1-23.	2.7	10
27	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.	2.5	5
28	Maxwell nanofluid heat and mass transfer analysis over a stretching sheet. <i>Heat Transfer</i> , 2022, 51, 2905-2931.	3.0	2