

Tunde A Yusuf

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

394
citations

1058060

8
h-index

847296

17
g-index

22
all docs

22
docs citations

22
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Entropy analysis of unsteady MHD nanofluid flow over a stretching surface with effects of variable viscosity and nonuniform heat generation. <i>Numerical Heat Transfer; Part A: Applications</i> , 2024, 85, 2754-2771.	2.1	5
2	Features of Soret and Dufour effects on an unsteady mixed convection nanofluid flow about a revolving Riga cone. <i>International Journal of Thermofluids</i> , 2024, 24, 100883.	7.8	0
3	Cattaneo-Christov heat flux model for three-dimensional magnetohydrodynamic flow of an Eyring Powell fluid over an exponentially stretching surface with convective boundary condition. <i>Numerical Methods for Partial Differential Equations</i> , 2023, 39, 242-253.	3.7	10
4	Analysis of entropy generation in nonlinear convection flow of unsteady magneto-nanofluid configured by vertical stretching sheet with Ohmic heating. <i>International Journal of Ambient Energy</i> , 2023, 44, 2319-2335.	2.4	6
5	Numerical Investigation for Nonlinear Thermal Radiation in MHD Cu-Water Nanofluid Flow in a Channel with Convective Boundary Conditions. <i>Mathematics</i> , 2023, 11, 3409.	2.3	1
6	Carbon nanotubes-water between stretchable rotating disks with convective boundary conditions: Darcy-Forchheimer scheme. <i>International Journal of Ambient Energy</i> , 2022, 43, 3981-3994.	2.4	16
7	Entropy generation on MHD flow of a Casson fluid over a curved stretching surface with exponential space-dependent heat source and nonlinear thermal radiation. <i>Heat Transfer</i> , 2022, 51, 2079-2098.	3.0	6
8	Entropy generation on flow and heat transfer of a reactive MHD Sisko fluid through inclined walls with porous medium. <i>International Journal of Ambient Energy</i> , 2022, 43, 6307-6316.	2.4	17
9	Cattaneo-Christov model for triple diffusive natural convection flows over horizontal plate with entropy analysis embedded in porous regime. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2022, 236, 4776-4790.	2.0	4
10	Nonlinear thermal radiation on MHD tangential hyperbolic hybrid nanofluid over a stretching wedge with convective boundary condition. <i>Heat Transfer</i> , 2022, 51, 5417-5440.	3.0	4
11	Nonlinear Mixed Convection in a Reactive Third-Grade Fluid Flow with Convective Wall Cooling and Variable Properties. <i>Mathematics</i> , 2022, 10, 4276.	2.3	3
12	Numerical Investigation of the Magnetized Reactive Viscous Couple Stress Fluid Flow Down an Inclined Riga Plate with Variable Viscosity. <i>Mathematics</i> , 2022, 10, 4713.	2.3	2
13	Cu-Al ₂ O ₃ -H ₂ O hybrid nanofluid flow with melting heat transfer, irreversibility analysis and nonlinear thermal radiation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 973-984.	3.6	110
14	Magneto-Bioconvection Flow of Williamson Nanofluid over an Inclined Plate with Gyrotactic Microorganisms and Entropy Generation. <i>Fluids</i> , 2021, 6, 109.	1.8	98
15	Effect of nonlinear partial slip and thermal radiation on Oldroyd 8-constant fluid in a channel with convective boundary condition. <i>Heat Transfer</i> , 2020, 49, 755-778.	3.0	5
16	Features of entropy optimization on MHD couple stress nanofluid slip flow with melting heat transfer and nonlinear thermal radiation. <i>Scientific Reports</i> , 2020, 10, 19163.	3.4	31
17	Entropy generation in MHD Williamson nanofluid over a convectively heated stretching plate with chemical reaction. <i>Heat Transfer</i> , 2020, 49, 1982-1999.	3.0	19
18	ENTROPY GENERATION AND IRREVERSIBILITY ANALYSIS ON FREE CONVECTIVE UNSTEADY MHD CASSON FLUID FLOW OVER A STRETCHING SHEET WITH SORET/DUFOUR IN POROUS MEDIA. <i>Special Topics and Reviews in Porous Media</i> , 2020, 11, 595-611.	1.1	19

#	ARTICLE	IF	CITATIONS
19	Effects of Combined Heat and Mass Transfer on Entropy Generation due to MHD Nanofluid Flow over a Rotating Frame. Computers, Materials and Continua, 2020, 66, 575-587.	2.0	30
20	Entropy Generation on Maxwell Fluid Flow Past an Inclined Stretching Plate with Slip and Convective Surface Condition: Darcy-Forchheimer Model. Nano Hybrids and Composites, 2019, 26, 62-83.	0.5	8
21	Thermoâ€bioconvection effect on hybrid nanofluid flow over a stretching/shrinking melting wedge. Heat Transfer, 0, , .	3.0	0
22	Irreversibility analysis in an electroâ€osmotically driven flow using ternary hybrid nanofluids in a microchannel with a porous material. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 0, , .	1.7	0