

Ibukun Oyelakin

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

361
citations

1040056

9
h-index

839539

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20
all docs

20
docs citations

20
times ranked

270
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of double-diffusion convection on three-dimensional MHD stagnation point flow of a tangent hyperbolic Casson nanofluid. <i>International Journal of Ambient Energy</i> , 2022, 43, 1854-1865.	2.5	14
2	Impact of Joule heating and nonlinear thermal radiation on the flow of Casson nanofluid with entropy generation. <i>International Journal of Ambient Energy</i> , 2022, 43, 5687-5710.	2.5	4
3	Entropy generation optimisation for unsteady stagnation Casson nanofluid flow over a stretching sheet with binary chemical reaction and Arrhenius activation energy using the bivariate spectral quasi-linearisation method. <i>International Journal of Ambient Energy</i> , 2022, 43, 6489-6501.	2.5	22
4	On a new block method for an MHD nanofluid flow with an exponentially decaying internal heat generation. <i>International Journal for Numerical Methods in Fluids</i> , 2021, 93, 1816-1824.	1.6	2
5	Numerical and machine learning analyses of entropy generation in an unsteady squeezing flow of copper/aluminum oxide/water hybrid nanofluid. <i>Heat Transfer</i> , 2021, 50, 3822-3841.	3.0	2
6	Three-Dimensional Rotating Flow of an Oldroyd-B Nanofluid with Relaxation-Retardation Viscous Dissipation. <i>Journal of Nanofluids</i> , 2021, 10, 408-419.	2.7	10
7	Homogeneousâ€“heterogeneous reactions in flow past a horizontal circular cylinder with an induced magnetic field and nonlinear thermal radiation. <i>Heat Transfer</i> , 2020, 49, 1065-1092.	3.0	2
8	A numerical study of entropy generation in radiative Casson nanofluid flow. <i>Engineering Reports</i> , 2020, 2, e12257.	1.7	1
9	Thermophysical analysis of threeâ€“dimensional magnetohydrodynamic flow of a tangent hyperbolic nanofluid. <i>Engineering Reports</i> , 2020, 2, e12144.	1.7	19
10	Analysis of exponentially varying viscosity and thermal conductivity on a tangent hyperbolic fluid. <i>SeMA Journal</i> , 2020, 77, 257-273.	2.0	9
11	Nonlinear Radiation in Bioconvective Casson Nanofluid Flow. <i>International Journal of Applied and Computational Mathematics</i> , 2019, 5, 1.	1.6	24
12	Bioconvection in Casson nanofluid flow with Gyrotactic microorganisms and variable surface heat flux. <i>International Journal of Biomathematics</i> , 2019, 12, 1950041.	2.9	21
13	Impact of the Cattaneoâ€“Christov thermal and solutal diffusion models on the stagnation point slip flow of Walters' B nanofluid past an electromagnetic sheet. <i>Heat Transfer - Asian Research</i> , 2019, 48, 713-726.	2.8	17
14	A Multi-Domain Bivariate Approach for Mixed Convection in a Casson Nanofluid with Heat Generation. <i>Walailak Journal of Science and Technology</i> , 2019, 16, 681-699.	0.5	11
15	A multi-domain spectral method for non-Darcian mixed convection flow in a power-law fluid with viscous dissipation. <i>Physics and Chemistry of Liquids</i> , 2018, 56, 771-789.	1.2	9
16	Cattaneoâ€“Christov Nanofluid Flow and Heat Transfer with Variable Properties Over a Vertical Cone in a Porous Medium. <i>International Journal of Applied and Computational Mathematics</i> , 2017, 3, 1019-1034.	1.6	11
17	Unsteady Mixed Convection in Nanofluid Flow Through a Porous Medium with Thermal Radiation Using the Bivariate Spectral Quasilinearization Method. <i>Journal of Nanofluids</i> , 2017, 6, 273-281.	2.7	12
18	Unsteady Casson nanofluid flow over a stretching sheet with thermal radiation, convective and slip boundary conditions. <i>AEJ - Alexandria Engineering Journal</i> , 2016, 55, 1025-1035.	6.4	169

#	ARTICLE	IF	CITATIONS
19	A Multi-Domain Spectral Collocation Approach for Solving Lane-Emden Type Equations. , 0, , .		1
20	Numerical study of a nonlinear density relation and binary reaction on nanofluid flow over a heated vertical surface with sinusoidal wall temperature. AICHE Journal, 0, , e17421.	3.6	1