

Syed Zahir Hussain Shah

List of Publications by Year in descending order

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11
papers

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The Effects of Activation Energy and Thermophoretic Diffusion of Nanoparticles on Steady Micropolar Fluid along with Brownian Motion. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-12. | 1.8 | 72 |
| 2 | Interpretation of infinite shear rate viscosity and a nonuniform heat sink/source on a 3D radiative cross nanofluid with buoyancy assisting/opposing flow. <i>Heat Transfer</i> , 2021, 50, 4192-4232. | 3.0 | 46 |
| 3 | Multiple characteristics of three-dimensional radiative Cross fluid with velocity slip and inclined magnetic field over a stretching sheet. <i>Heat Transfer</i> , 2021, 50, 3325-3341. | 3.0 | 38 |
| 4 | Higher order chemical process with heat transport of magnetized cross nanofluid over wedge geometry. <i>Heat Transfer</i> , 2021, 50, 3196-3219. | 3.0 | 37 |
| 5 | Aspects of infinite shear rate viscosity and heat transport of magnetized Carreau nanofluid. <i>European Physical Journal Plus</i> , 2022, 137, 1. | 2.6 | 31 |
| 6 | Insight into the dynamics of time-dependent cross nanofluid on a melting surface subject to cubic autocatalysis. <i>Case Studies in Thermal Engineering</i> , 2021, 27, 101227. | 5.7 | 27 |
| 7 | Characteristic of heat transfer in flow of Cross nanofluid during melting process. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 5201-5210. | 3.1 | 25 |
| 8 | On heated surface transport of heat bearing thermal radiation and MHD Cross flow with effects of nonuniform heat sink/source and buoyancy opposing/assisting flow. <i>Heat Transfer</i> , 2021, 50, 6110-6128. | 3.0 | 25 |
| 9 | Spectral relaxation approach and velocity slip stagnation point flow of inclined magnetized cross-nanofluid with a quadratic multiple regression model. <i>Waves in Random and Complex Media</i> , 0, , 1-25. | 2.7 | 25 |
| 10 | Inclined magnetized and energy transportation aspect of infinite shear rate viscosity model of Carreau nanofluid with multiple features over wedge geometry. <i>Heat Transfer</i> , 2022, 51, 1622-1648. | 3.0 | 23 |
| 11 | Energy transference in time-dependent Cattaneo-Christov double diffusion of second-grade fluid with variable thermal conductivity. <i>Heat Transfer</i> , 2021, 50, 8224-8242. | 3.0 | 20 |