

Anwar Shahid

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

657
citations

687363

13
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

583
citing authors

#	ARTICLE	IF	CITATIONS
1	Lie group analysis and robust computational approach to examine mass transport process using Jeffrey fluid model. <i>Applied Mathematics and Computation</i> , 2022, 421, 126936.	2.2	29
2	Numerical experiment to examine activation energy and bi-convection Carreau nanofluid flow on an upper paraboloid porous surface: Application in solar energy. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 52, 102029.	2.7	40
3	Numerical computation of magnetized bioconvection nanofluid flow with temperature-dependent viscosity and Arrhenius kinetic. <i>Mathematics and Computers in Simulation</i> , 2022, 200, 377-392.	4.4	14
4	Numerical analysis of activation energy on MHD nanofluid flow with exponential temperature-dependent viscosity past a porous plate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 2585-2596.	3.6	58
5	Dissipative effects on a chemically and thermally radiative heat fluid flow past a shrinking porous sheet. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2021, 66, 127-140.	0.6	4
6	Nonlinear nanofluid flow under the consequences of Lorentz forces and Arrhenius kinetics through a permeable surface: A robust spectral approach. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 124, 98-105.	5.3	54
7	Spectral computation of reactive bi-directional hydromagnetic non-Newtonian convection flow from a stretching upper parabolic surface in non-Darcyporous medium. <i>International Journal of Modern Physics B</i> , 2021, 35, .	2.0	18
8	Darcy-Brinkman-Forchheimer Model for Nano-Bioconvection Stratified MHD Flow through an Elastic Surface: A Successive Relaxation Approach. <i>Mathematics</i> , 2021, 9, 2514.	2.2	5
9	Slip Effects on Fe ₃ O ₄ -Nanoparticles in a Nanofluid Past a Nonlinear Stretching Surface. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 366-378.	0.6	0
10	Study of Activation Energy on the Movement of Gyrotactic Microorganism in a Magnetized Nanofluids Past a Porous Plate. <i>Processes</i> , 2020, 8, 328.	2.8	110
11	Numerical Investigation on the Swimming of Gyrotactic Microorganisms in Nanofluids through Porous Medium over a Stretched Surface. <i>Mathematics</i> , 2020, 8, 380.	2.2	82
12	The Effectiveness of Mass Transfer in the MHD Upper-Convected Maxwell Fluid Flow on a Stretched Porous Sheet near Stagnation Point: A Numerical Investigation. <i>Inventions</i> , 2020, 5, 64.	2.5	14
13	Simultaneous influence of thermo-diffusion and diffusion-thermo on non-Newtonian hyperbolic tangent magnetised nanofluid with Hall current through a nonlinear stretching surface. <i>Pramana - Journal of Physics</i> , 2019, 93, 1.	1.8	38
14	Entropy generation on the interaction of nanoparticles over a stretched surface with thermal radiation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 570, 368-376.	4.7	55
15	BUOYANCY-DRIVEN CHEMICALIZED EMHD NANOFUID FLOW THROUGH A STRETCHING PLATE WITH DARCY-BRINKMAN-FORCHHEIMER POROUS MEDIUM. <i>Heat Transfer Research</i> , 2019, 50, 1105-1126.	1.6	8
16	Magneto hydrodynamics Nanofluid Flow Containing Gyrotactic Microorganisms Propagating Over a Stretching Surface by Successive Taylor Series Linearization Method. <i>Microgravity Science and Technology</i> , 2018, 30, 445-455.	1.4	42
17	Numerical study of radiative Maxwell viscoelastic magnetized flow from a stretching permeable sheet with the Cattaneo-Christov heat flux model. <i>Neural Computing and Applications</i> , 2018, 30, 3467-3478.	5.6	46
18	COMPUTATIONAL STUDY OF MAGNETIZED BLOOD FLOW IN THE PRESENCE OF GYROTACTIC MICROORGANISMS PROPELLED THROUGH A PERMEABLE CAPILLARY IN A STRETCHING MOTION. <i>International Journal for Multiscale Computational Engineering</i> , 2018, 16, 409-426.	1.2	8

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19	Numerical simulation of Fluid flow over a shrinking porous sheet by Successive linearization method. AEJ - Alexandria Engineering Journal, 2016, 55, 51-56.	6.4	32