Anwar Shahid

List of Publications by Year
in descending order

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19	657	687363 13	839539 18
papers	citations	h-index	g-index

19	19	19	583
all docs	docs citations	times ranked	citing authors

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

#	Article	IF	Citations
19	Slip Effects on Fe3O4-Nanoparticles in a Nanofluid Past a Nonlinear Stretching Surface. Advances in Intelligent Systems and Computing, 2021, , 366-378.	0.6	0