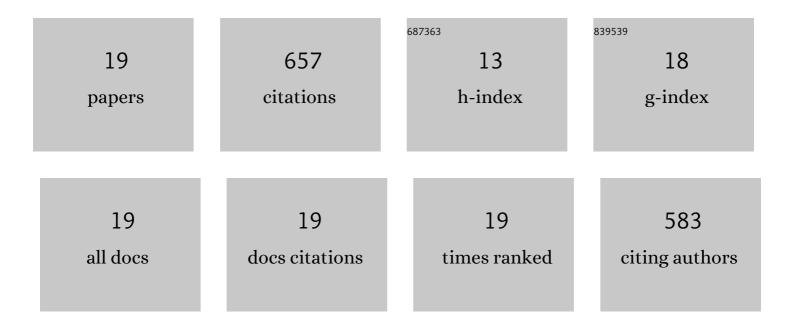
Anwar Shahid

List of Publications by Year in descending order

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| # | 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 Cattaneo–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 DARCY–BRINKMAN–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 | Darcy–Brinkman–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 |